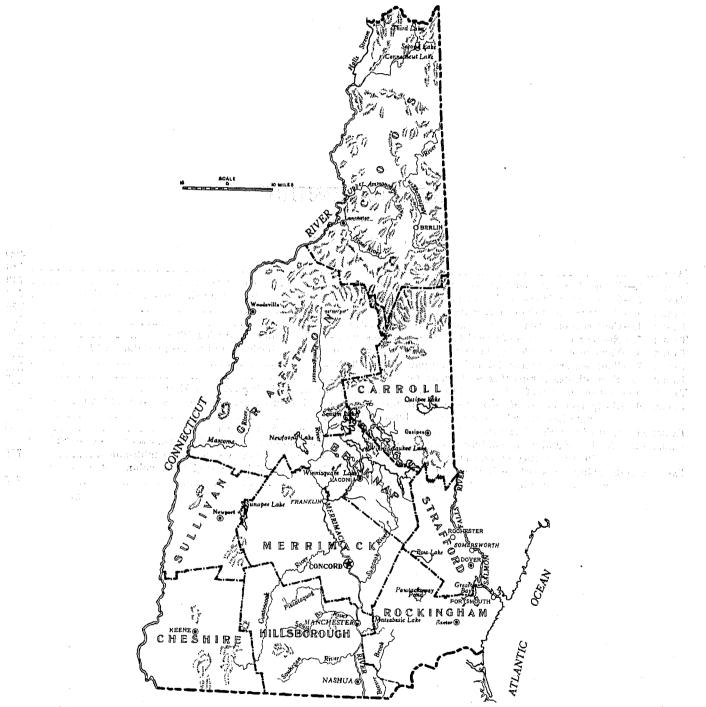
# **NEW HAMPSHIRE**

# CONTENTS

		Page
MAP		748
TABLE	1Value of construction business during 1929, and principal items of expenditure	
TABLE	2.—Construction business of reporting establishments during 1929, by class of ownership and by type of work	749
TABLE	3.—Construction business during 1929, by location	750
TABLE	4.—Construction business outside home State, by location	750
TABLE	5.—Number and salaries of proprietors, firm members, and salaried employees during 1929	750
TABLE	6.—Value of construction equipment, in comparison with construction business and wages paid during 1929	751
	7.—Wage earners, by months, and wages paid during 1929	751
TABLE	8.—Expenditures of reporting establishments: 1929	752
	9.—Cost of materials furnished and used by reporting establishments during 1929, by kind	
TABLE	10.—Comparison of cost of designated materials furnished and used by reporting establishments during 1929, with cost	
	of materials and value of construction business	753
	11Cost of materials furnished and used by reporting establishments during 1929	754
TABLE	12.—Number of and volume of business reported by establishments doing a construction business of less than \$25,000	
	in 1929, percentage of total number of known establishments, and average volume per establishment	755
TABLE	13.—Establishments (whose business was less than \$25,000 in 1929) which reported their volume of construction	
	work, classified by range of volume of business	755

# NEW HAMPSHIRE



#### TABLE 1.-VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE

#### [Values expressed in thousands]

	cablish-	VALUE TIO	OF CONS N BUSINI			IPAL EI DITURES			ablish-		OF CONS N BUSINI			IPAL EX ITURES	
AREA, CLASSIFICATION OF ES- TABLISHMENTS, AND SIZE OF BUSINESS GROUPS	Number of establish- ments	Total	Under general con- tract or direct- ly for owner	Under sub- con tract	Sub- con- tract work let	Wages paid	Cost of ma- terials	AREA, CLASSIFICATION OF ES- TABLISHMENTS, AND SIZE OF BUSINESS GROUPS	Number of establish- ments	Total	Under general con- tract or direct- ly for owner	Under sub- con- tract	Sub- con- tract work let		Cost of ma- terials
NEW HAMPSHIRE	113	89, 992	\$7, 972	\$2, 020	\$857	83, 108	84, 091	Subcontractors—Continued Painting and decorating	4	\$176	\$32	\$144		\$96	\$41
Counties: Belknap	6	356	295	61	4	115	174	Roofing Other classes <sup>3</sup>	4 5 4	295 544	171 6	124 538	\$15 23	70 79	112 338
Cheshire Coös	1 8	580 339 2, 142	445 253 2,007	135 86 135	50 8 112	119 90 797	296 163 790	Size of business groups							
Grafton Hillsborough Merrimack Rockingham	39 19	$3,994 \\ 1,277$	3, 052 776	942 501	$554 \\ 71$	1, 086 405	1, 613 535	General contractors \$25,000 to \$49,999	67 30	7,029 1,080	7, 012 1, 078	17 2	804 92	2, 378 380	2, 645 468
Rockingham Sullivan Other counties <sup>1</sup>	8	440 332 533	335 332 479	105 54	44 2 12	169 : 121 203	146 143 231	\$25,000 to \$49,99           \$50,000 to \$49,99           \$100,000 to \$499,999           \$200,000 to \$499,999           \$200,000 to \$499,999           \$500,000 to \$999,999           \$500,000 to \$499,999	16 14 5	1,091 1,948 1,588	1,091 1,933 1,588	15	107 199 179	412 615 504	372 802 623
Classification of establish-		.000	10			200		\$500,000 to \$999,999 \$1,000,000 and over	2	1, 323	1, 323		227	487	379 
ments General contractors	. 87	7, 029	7,012	17	804	2, 378	2.645	Building contractors \$25,000 to 49,999	59	6, 068 974	6,068		775	2, 029 339	2, 274 449
Building not specialized	59 46	6,068 5,085	6,068 5,085		775 718 57	2,029	2, 645 2, 274 1, 856	\$50,000 to \$99,999 \$100,000 to \$199,999	15	1,025	1, 025 1, 680		107 188	366 529	372 694
Residential building only	13 5 3	983 706 255	983 704 240	2 15	57 18 11	318 240 108	418 310 61	\$200,000 to \$499,099 \$500,000 to \$099,999 \$1,000.000 and over	32	1, 067 1, 323	1, 067 1, 323		161 227	$328 \\ 467$	380 379
Subcontractors	46	2, 963	960	2,003	53	728	1, 446	Subcontractors	46	2, 963 808	960 355	2, 003 451	53	728	1,446
Electrical Heating and plumbing Heating and piping	0 24 10	513 1, 435 648	249 503 110	264 932 538	15 15	132 351 158	206 750 357	\$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$199,999	23 16 6	1, 025 732	500 108	525 626	20 13	284 177	480 349
Plumbing and heating	6	428	147	281		03	228	\$50,000 to \$99,999 \$100,000 to \$109,999 \$200,000 to \$409,999 \$500,000 to \$999,999	. í	400		400	20	30	270
combined	8	359	246	113		100	105-	\$1,000,000 and over	·						

Includes Carroll; and Strafford, for which data can not be shown without revealing individual operations. From areas other than those listed, no reports were received from establishments which handled as much as \$25,000 business during 1929.
 Includes bridge and culvert; and grading.
 Includes carpontering and wood flooring; masonry; and steel erection.

# TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNER-SHIP AND BY TYPE OF WORK

	CONSTRUCTI	ON BUSINESS RE	PORTED BY-			N BUSINESS REP	
CLASS OF OWNERSHIF AND TYPE OF CONSTRUCTION WORK	All classes of establishment		Subcontrac- tors	CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	All classes of establishments	tractors	Subcontrac- tors
	Numper Numper Value	Number Number Number	admin Value Value	ndena Antonia di Antonia di Antonia 1867 - Santa Antonia di Antonia 1977 - Santa Antonia di Antonia di Antonia	num Numper Nalue Nalue	Number Number	Value Numper Value
NEW HAMPSHIRE				NEW HAMPSHIRE-Continued			
All construction business	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Rail and water transporta- tion	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 2\\ 6\\ 1\\ 1\\ 1\\ 2\\ 2\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\$
Distributed by class Building Distribution not reported	79 6, 469, 917	59 5, 559, 375	20 910,542	Distributed by class	36 1,960,178	2 (1)	34 (1) 9 311,967 778,970
Distributed by class Commercial Educational Hotel. Hospital and institutional Manufacturing Military and naval Public: Courts, jails, etc Religious and memorial Residential Social and recreational	$ \begin{bmatrix} 14 \\ 123,718 \\ 13 \\ 127,690 \\ 27 \\ 380,388 \\ 2 \\ 10 \\ 10 \\ 18 \\ 108,074 \\ 53 \\ 2,274,347 \end{bmatrix} $	$\left \begin{array}{ccc}7&93,449\\6&98,972\\17&294,433\\2\\7\end{array}\right $ 189,116 10&91,858 39&1,899,470	7 30,289 7 28,718 10 85,955 3 1,475 8 16,216 14 374,877	Electrical and plumbing Heating and plumbing Plumbing and heating com- bined Pipe covering Plumbing. Painting and decorating Roofing and sheet metal work Roofing Sheet metal work Steel erection Other classes <sup>2</sup>	$\begin{array}{c c c c c c c c c c c c c c c c c c c $		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

<sup>1</sup> Value omitted in order to avoid disclosing individual operations. The amounts omitted are, however, included in the respective totals. <sup>1</sup> Includes establishments reporting the following types of work: General contractors—Flooring, n. e. s., 1. Subcontractors—Carpentering and wood flooring, 1; concret-ing, masonry, plastering and lathing, 1; glass and glazing, 1; and miscellaneous, n. e. s., 1.

,

TABLE 3 .- CONSTRUCTION BUSINESS DURING 1929, BY LOCATION

CLASSIFICATION OF ESTABLISHMENTS	Establishments reporting	Total	In home city	In home State	Outside homeState	CLASSIFICATION OF ESTABLISHMENTS	Establishments reporting	Total	In home city	In home Outside State homeState
NEW HAMPSHIRE General contractors Building not specialized Residential building only Street paving and highway Other classes <sup>1</sup>	66 58 45 13	6,929,010 5,967,697 4,985,116	\$5, \$19, 182 3, 307, 541 3, 127, 481 2, 348, 788 778, 693 77, 525 102, 535	5, 403, 317 5, 091, 541 4, 137, 958 953, 583 194, 387	1, 525, 693 876, 156 847, 158 28, 998 511, 431	Electrical. Heating and plumbing. Plumbing and piping. Plumbing and heating com-	46 9 24 10 0 8 4 5 4	\$2, 962, 990 512, 717 1, 435, 234 648, 325 428, 203 358, 706 175, 932 294, 995 544, 112	407, 839 1, 124, 530 463, 980 301, 844 358, 706 159, 713 182, 888	358.706

<sup>1</sup> Includes bridge and culvert; and grading. <sup>3</sup> Includes carpentering and wood flooring; masonry; and steel erection.

# TABLE 4.-CONSTRUCTION BUSINESS OUTSIDE HOME STATE, BY LOCATION

	LOCATI	ON REPORTED	BY-		LOCATI	ON REPORTED	вт
STATE	All classes of establish- ments	General con- tractors	Subcon- tractors	STATE	All classes of establish- ments	General con- tractors	Subcon- tractors
NEW HAMPSHIRE				NEW HAMPSHIRE-Continued			
Total distributed by State 1	\$1, 842, 861	\$1, 525, 693	\$317, 168	Total distributed by State- Continued. Pennsylvania	\$10, 446		\$10, 440 51, 760
Maine Massachusetts	291, 212 157, 219	85, 043 108, 426	206, 169 48, 793	Vermont Other States, n. s	1, 378, 884 5, 100	\$1, 327, 124 5, 100	61,760

<sup>1</sup> Number of establishments reporting: All classes, 28; general contractors, 18; subcontractors, 10.

# TABLE 5.- NUMBER AND SALARIES OF PROPRIETORS, FIRM MEMBERS, AND SALARIED EMPLOYEES: 1929

	Es-	PROPR	IETORS MEMBI	AND FIRM				SALAI	IED EM	PLOYEES			•	
CLASSIFICATION OF ESTABLISHMENTS	tab- lish- ments re-	Re- ceiv-	Receiv	ing salaries		salarieđ ployecs	Officient of the offici	cers and cal staff		ntendents, nen, etc.	Num	ber rep by sex	orted,	Ser not
	port- ing	ing no salary	Num- ber	Total annual salaries	Total num- ber	Total annual salaries	Num- ber	Total annual salaries	Num- ber	Total annual salaries	Total	Male	Female	re- port- ed
NEW HAMPSHIRE	110	95	25	\$74, 931	208	\$406, 410	122	\$222, 387	86	8184, 023	200	158	42	8
General contractors Building Residential building only Street paving and highway Other classes 1	66 58 45 13 5 3	58 54 39 15 3 1	12 9 9 	42, 377 33, 177 33, 177 9, 200	133 104 89 15 19 10	269, 702 214, 975 193, 604 21, 371 36, 802 17, 925	68 52 46 6 8 8	132, 266 99, 203 94, 399 4, 804 20, 138 12, 925	2	137, 436 115, 772 99, 205 16, 567 18, 664 5, 000	131 102 88 14 19 10	107 82 71 11 17 8	24 20 17 3 2 2	2 2 1 1 
Subcontractors Electrical Heating and plumbing Heating and piping Plumbing Plumbing and heating combined Painting and decorating Rooflog Other classes 2	44 9 23 10 6 7 4	37 10 15 8 2 5 6 4 2	13 10 5 1 4 	32, 554 24, 724 11, 284 4, 600 8, 840 7, 830	75 25 35 13 10 6 2 5 8	$\begin{array}{c} 136,708\\ 40,482\\ 61,417\\ 16,492\\ 35,833\\ 9,092\\ 676\\ 8,133\\ 26,000\\ \end{array}$	$     \begin{array}{c}       27 \\       10 \\       12 \\       5 \\       2 \\       5     \end{array} $	90, 121 20, 302 44, 210 10, 415 25, 953 7, 842 676 8, 133 16, 800	21 9 8 3 4 1 	46, 587 20, 180 17, 207 6, 077 9, 880 1, 250  9, 200	30 8 16 6 1 5	51 16 22 4 13 5 5 8	8	δ 5 5  1

'Includes bridge and culvert; and grading.

<sup>2</sup> Includes masonry; and steel erection.

#### TABLE 6.--VALUE OF CONSTRUCTION EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929

	ents g	Equi	pment	Value of			ents	Equi	pment	Value of	
CLASSIFICATION OF ESTABLISHMENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	value at	construc- tion business reported	Wages paid	CLASSIFICATION OF ESTABLISHMENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Inven- tory value at end of year	construc- tion business reported	Wages paid
NEW HAMPSHIRE	98	\$173, 513	8627, 183	89, 161, 427	\$2, 846, 870	NEW HAMPSHIRE-Continued					
Classification of establishments General contractors Building not specialized Residential building only Street paving and highway Other classes ' Subcontractors Electrical Heating and plumbing Plumbing and heating combined Plumbing and decorating Roofing Cother classes '	$50 \\ 40 \\ 10 \\ 5 \\ 40 \\ 9 \\ 19 \\ 10 \\ 4 \\ 5 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 5 \\ 4 \\ 4$	54, 931 50, 512 4, 419 80, 799 18, 702 19, 081 3, 570 6, 158 3, 016 2, 292 2, 292 850 423	$\begin{array}{c} 130, 648\\ 45, 546\\ 125, 758\\ 29, 462\\ 58, 842\\ 37, 842\\ 10, 640\\ 10, 360\\ 3, 372\\ \end{array}$	705, 818 255, 495 2, 640, 167 512, 717 1, 141, 582 648, 325 240, 253 253, 004 175, 932 294, 995	108, 092 637, 157 131, 831 269, 949 157, 803 43, 143 69, 003 96, 449 70, 038	Percentage of equipment owned         General contractors	2 1 1 9 45 	5,000 36,484 112,948 19,081	2, 591 17, 364 85, 138 396, 332 125, 758 4, 572 4, 768 101, 051	765,000 928,837 4,647,257 2,640,167 60,000 28,164 72,000 2,251,299	42, 742 15, 529 324,000 267, 545 1, 559, 897  637, 157 8, 800  10,094  8, 542 536, 796

<sup>1</sup> Includes bridge and culvert; and grading.

<sup>2</sup> Includes masonry; and steel erection.

TABLE 7 .-- WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929

	Estab- lish-		NUMBEI	R EMPLOY	ED ON 1	5TH DAY	OF THE 1	монтн о	R NEARE	ST REPRI	ESENTAT	IVE DAY		Wages
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Septem- ber	Octo- ber	Novem- ber	Decem- ber	paid during year
NEW HAMPSHIRE	100	1, 286	1, 174	1, 278	1, 616	2, 066	2, 260	2, 182	2, 382	2, 855	2, 378	2, 254	1, 681	\$2, 820, 560
Classification of establishments														
General contractors Building Building not specialized Residential building only Other classes <sup>1</sup>	60 55 43 12 5	939 907 809 98 32	837 808 705 103 29	943 921 781 140 22	${ \begin{smallmatrix} 1,\ 207 \\ 1,\ 133 \\ 959 \\ 174 \\ 74 \\ \hline \end{array} }$	1, 610 1, 465 1, 255 210 145	1, 761 1, 584 1, 343 241 177	$1,675 \\ 1,475 \\ 1,247 \\ 228 \\ 200$	1, 872 1, 578 1, 355 223 294	$1,840 \\ 1,608 \\ 1,384 \\ 224 \\ 232$	1, 876 1, 633 1, 381 252 243	1, 780 1, 585 1, 295 290 195	${ \begin{smallmatrix} 1,\ 295\\ 1,\ 204\\ 962\\ 242\\ 91 \end{smallmatrix} }$	2, 157, 339 1, 977, 194 1, 673, 075 304, 119 180, 145
Subcontractors	40 6 22 10 6 4 5 3	347 54 199 99 49 51 24 36 34	337 48 188 88 52 48 30 35 36	335 47 173 77 57 30 42 35 38	409 51 182 90 53 39 65 57 54	456 56 201 97 60 44 78 62 59	499 65 219 107 60 52 75 64 76	$507 \\ 65 \\ 227 \\ 109 \\ 66 \\ 52 \\ 66 \\ 64 \\ 85 \\ 85 \\ 85 \\ 66 \\ 64 \\ 85 \\ 85 \\ 85 \\ 85 \\ 85 \\ 85 \\ 85 \\ 85$	510 62 240 118 65 57 63 63 82	515 59 245 121 63 61 69 61 81	502 56 253 124 63 66 56 66 71	474 59 237 114 55 68 42 66 70	386 55 221 111 52 58 25 43 42	663, 221 99, 158 328, 686 157, 803 93, 332 77, 551 96, 449 70, 038 68, 890
Length of working week								т. 19						
General contractors 40-hour, 5-day week 45-hour, 5-day week	60 5	939 136	837 91	943 89	1, 207 122	1, 610 120	1, 761 73	1, 675 91	1, 872 135	1, 840 153 	1,876 103	1, 780 145	1, 295 68	2, 157, 339 210, 875
50-hour, 5-day week												273	214	295, 601
44-hour, 514-day week	13	157	129	139	179	217	231	216	246	257	262	213	214 	290, 001
55-hour, 5½-day week All other 5½-day week 48-hour, 6-day week 54-hour, 6-day week		225 54 351	211 53 333	237 56 410	263 80 546	368 100 779	427 100 906	416 87 848	495 97 888	472 95 847	496 100 901	393 121 839	309 114 581	545, 377 131, 036 946, 988
60-hour, 6-day week	1	15	15	9	11	17	14	7	6	12	9	5	5	13, 400
All other not designated	1	1	5	3	6	9	10	10	5	4	5	4	4	14, 062
Subcontractors40-hour, 5-day week	40 4	347 44	337 35	335 31	469 40	456 37	499 36	507 45	510 52	515 50	502 52	474 50	386 50	663, 221 66, 054
45-hour, 5-day week	1	25	25	25	25	30	35	35	35	35	30	30	20	30, 000
All other 5-day week 44-hour, 5½-day week 49½-hour, 5½-day week	21 1	183 4	185 õ	191 4	232 4	254 4	267 5	271 6	262 6	278 8	270 8	268 10	219 9	387, 409 8, 454
55-hour, 5½-day week All other 5½-day week 48-hour, 6-day week 54-hour, 6-day week	$\frac{2}{4}$	12 18 19	11 16 22	13 12 23	14 16 37	16 16 41	18 27 45	$     \begin{array}{r}       22 \\       32 \\       41     \end{array} $	26 34 39	19 28 41	17 27 48	15 18 42	13 17 20	18, 643 29, 523 47, 036
54-hour, 6-day week		36		20	32	44	51	43	44		43			63, 010
All other 6-day week All other not designated Not reported	2 1	6	5	8	9		15	10	12	11	7	6	5	12, 092

<sup>1</sup> Includes highway; bridge and culvert; and street paving.

<sup>7</sup> Includes masonry; and steel erection.

### TABLE 8.-EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929

			PRINCIPA	L ITEMS OF TURE	EXPENDI-		and and a	OTHER I	TEMS OF	EXPEND	ITURE		
CLASSIFICATION OF ESTABLISHMENTS	Es- tab- lish- ments	Value of construc- tion busi-				Sala	aries	Ren	t for		Con-	Com- pensa- tion and	Allother
CLASSIFICATION OF ESTIMATION OF	re- port- ing	iness re- ported	Subcon- tract work let	Wages paid	Cost of materials	Proprie- tors and firm members	Employ- ees	Equip- ment	Offices, etc.	Inter- est	tract bond pre- miums	liability insur- ance pre- miums	overhead expenses
1000 - 10000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1		· · · · · · · · · · · ·					\$389, 647	a11 000	#90 897	\$29, 579	\$15 854	\$56, 850	8420, 353
NEW HAMPSHIRE		\$8, 683, 798	\$799,000	\$2, 647, 041	83, 520, 470	\$89,931		<u></u>		<u> </u>			
General contractors Building Building not specialized Residential building only Street paying and highway Other classes <sup>1</sup>	56 48 39 9 5 3	5, 885, 606 4, 924, 293 4, 097, 657 826, 636 705, 818 255, 495	746,000 717,000 668,000 49,000 18,000 11,000	$\begin{array}{c} 1, 966, 524\\ 1, 617, 954\\ 1, 346, 271\\ 271, 683\\ 240, 478\\ 108, 092 \end{array}$	$\begin{array}{c} 2,140,326\\ 1,769,585\\ 1,438,309\\ 331,276\\ 310,223\\ 60,518 \end{array}$	37, 377 28, 177 28, 177 9, 200	$260,772 \\ 206,045 \\ 188,824 \\ 17,221 \\ 36,802 \\ 17,925$	11, 389 5, 317 5, 298 19 4, 572 1, 500	10, 290 7, 185 6, 395 790 2, 231 874	22, 934 17, 273 14, 933 2, 340 4, 332 1, 329	15,509 9,109 9,109 4,921 1,479	45, 587 36, 814 32, 522 4, 292 5, 662 3, 111	98, 042 81, 633 59, 347 38, 366
Subcontractors. Electrical. Heating and plumbing. Humbing. Plumbing. Plumbing and heating combined Painting and decorating Roofing. Other classes <sup>2</sup>	9 22 9	$\begin{array}{c} 2,798,192\\ 512,717\\ 1,351,234\\ 616,325\\ 428,203\\ 306,706\\ 175,932\\ 243,368\\ 514,941 \end{array}$	53,000 15,000 15,000 15,000 23,000	$\begin{array}{c} 680, 517\\ 131, 881\\ 333, 427\\ 152, 003\\ 93, 332\\ 87, 492\\ 96, 449\\ 49, 920\\ 68, 890\end{array}$	$\begin{array}{c} 1, 380, 144\\ 205, 597\\ 708, 615\\ 335, 924\\ 227, 984\\ 144, 607\\ 40, 522\\ 99, 400\\ 326, 050\end{array}$	82,554 24,724 11,284 4,600 8,840 7,830	16, 492 35, 833		7,262 10,104 6,205 2,435	6, 645 571 5, 093 2, 557 601 1, 875 803 17%		11, 263 1, 481 3, 911 1, 890 1, 249 772 1, 739 1, 355 2, 777	192, 965 84, 175 78, 947 33, 178 25, 827 20, 442 15, 125 21, 343 43, 375

Includes bridge and culvert; and grading.

# TABLE 9 .--- COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING

					1929.	ВΥ	RIND	
	2.5							

	соят	OF M	TERIAL	S REPORTE	DBY	COST OF	MATERIAL	S REPORTE	DBY
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	All classes m	of esti ents	ablish-		ntin in Subjet	All classes o mer	ts	1988) I	
KIND OF MATERIAL	Amount	Per cent dis- tribution	Per \$1,000 construction work done <sup>1</sup>	General contrac- tors	Subcon- tractors	KIND OF MATERIAL Amount	tribution Fer \$1,000 construction work done 1	contrac- tors	Subcon- tractors
NEW HAMPSHIRE						NEW HAMPSHIRE—Continued			
All kinds of material Distribution not reported	\$4, 091, 182 1, 376, 252	33. 6	\$447.86	\$2, 645, 038 1, 074, 645	\$1, 446, 144 301, 607	Distributed by kind—Continued. Composition board \$29,417 Waterproofing materials 13,639	1.1 \$4.85 .5 2.25	9,639	\$4,000
Distributed by kind Sand, gravel, stone, slag, cinders,	2, 714, 930 106, 996			1, 570, 393 104, 496		Waterprobing international and finished	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	47, 334	46,813
etc.) Brick (lace, common, fire, paving, etc.) Tyle (fireproofing)	88, 192	3.2		85,642	2, 550	ment, wood, or tile) 25, 107	1.0 4.64 .1	2, 187	
Tile (freproofing) Tile, facing, torra cotta, floor and wall. Concrete and cinder block	6,009	. 2	. 99 3. 67	6,009 22,237		Electrical appliances and supplies173, 757	10.0 44.70 6.4 28.60	32, 570 12, 529	
Cut stone, granita and marble Riprap, rubble, etc Coment Lime	16, 950 160, 559 15, 061 12, 056	5.9	26.49	155, 359 13, 861	5, 200	Elevators, dumb-waiters, and equipment	.2 1.00 .7 3.1		1
Plaster, etc Structural steel Reinforcing steel Casi iron, miscollaneous, excluding	441, 946 34, 276	* 16. 3 1. 3	72.90 5.60	127, 946 34, 226	314,000 50	Pipe: Cast-iron, sheet and tube steel, etc	1.7 .6 2.6	2, 900	) 13, 422
Metal doors, windows, and trim. Metal and wire lath and furring Ornamental metal work. Lumber, rough and finished. Lath, shingles, and shakes (wood). Millwork.	5, 828 8, 261 1, 453	15.	8 1.36 1 .24 1 87.64 3 3.54	5, 828 8, 26 1, 45 410, 06 21, 47		asphalt, and oil 40, 081 Freight healing or tracking to job 1, 700	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 1,700 8 150 8 460	1 0 1 1 2

1 The value of construction work done is obtained from figures presented in Table 1 by subtracting the value of subcontract work let from the total value of construction

The value of construction work done is obtained from fighted potenties in the response of the percentage of total cost shown for this item is high because establishments located within this area reported that the major part of their construction work (on which this material was used) was done on contract outside the home city or State.
 The percentage of total cost shown for this item is high because the business of establishments reporting this material constituted a large part of the total business reported for this area.

agen an sait 744.

# TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORT-ING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST C NATED				cent of done			COST NATED	OF DES MATEI			cent of done
KIND OF MATERIAL AND CLASSIFI- CATION OF ESTABLISHMENTS	Cost of all ma- terials distrib- uted by kind	Amount	Total cost	Cost of all and distributed to materials	Value of construc- tion business	Indicated per cer all business ( by own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFI- CATION OF ESTABLISHMENTS	Cost of all ma- terials distrib- uted by kind	Amount	Total cost	Cost of all H distributed of materials	Value of construc- tion business	Indicated per ce all business by own force <sup>1</sup>
NEW HAMPSHIRE Sand, gravel, stone, slag, cin-			-				NEW HAMPSHIRE—Continued Paints, varnishes, glass—Con.						143 19 19 19 19 19 19 19 19
ders, etc. All classes General contractors	\$2, 714, 930 1, 570, 393	\$106, 996 104, 496 49, 192	100. 0 97. 7 46. 0	3.9 6.7 3.6	\$6, 253, 622 3, 984, 609 3, 398, 864	88.6	Subcontractors Electrical Painting and decorating	<sup>2</sup> \$1,144,537 182, 597 40, 522	\$46, 813 6, 291 40, 522	6.7	3.4		100.0
General contractors Building Building not specialized Residential building only Hichway.	1, 152, 592 199, 809 90, 132	48, 458 734 18, 027	45.3 7 16,8	3.3 4 20.0	3, 398, 864 2, 981, 724 417, 140 211, 123	86.5	Roofing and sheet metal All classes	2, 714, 930	123, 033	100, 0	4.5	6, 253, 622	91, 4
Residential building only Highway Bridge and culvert Grading Street paving Subcontractors Masonry Roofing and sheet-metal work Roofing	56, 018 4, 500 67, 342 2 1, 144, 537	15,529 3,000 18,748 2,500	14. 5 2. 8 17. 5 2. 3	27.7 66.7 27.8	I 2. 269, 018	100.0 100.0 98.2	General contractors Building Building not specialized Building not specialized	<sup>2</sup> 1, 570, 393 1, 352, 401 1, 152, 592	52, 216 52, 210 49, 476 2, 740	42.4	4.3	2, 981, 724	87.2 85.9
Masonry Roofing and sheet-metal work Roofing Brick (face, common, fire, paving, etc.)	12, 050 92, 460 92, 460	1, 500 1, 000 1, 000	1,4 .9 .9	12.4 1.1 1.1	196, 45	94, 9	General contractors. Building. Building not specialized Residential building only Subcontractors. Heating and plumhing Heating and plumhing Plumbing. Roofing and sheet metal. Roofing	199, 803 1, 144, 537 1, 502, 908 325, 924 100, 984 92, 460	2, 74 70, 81 13, 35 11, 55 1, 80 57, 40	7 57.6 7 10.9 7 1. 7 1.	6.2           2.7           4           5           1.1           7           62.1	<sup>3</sup> 2, 260, 013 <sup>3</sup> 918, 964 606, 325 276, 639 196, 456	98.2 99.0 597.7 100.0 94.9
	2,714,930	88, 192	97.1	5, 5	3 3, 984, 609	88.6	Roofing Heating and ventilating equipment *	92, 460	57, 46	0 46.	7 62. 1	196, 45	9 94,9
Building Building not specialized Residential building only	1, 852, 401 1, 152, 595 199, 809	83, 840 80, 216 3, 624	4.1	7.0	2,981,724	85.9 94,2 96,5	All classes	2, 714, 930	248, 108			6, 253, 62	
All classes General contractors Building Residential building only Highway Subcontractors Heating and plumbing Plumbing Masonry	90, 132 2 1, 144, 537 2 502, 908 160, 984 12, 050	2 1,802 7 2,550 8 50 1 50 1 50 2,500	2.9		276, 63	100,0	General contractors Building Residential building only Subcontractors Electrical Heating and plumbing Heating and plumbing Plumbing Plumbing and heating_com bined	2 1, 570, 393 1, 352, 401 1, 152, 592 199, 800 2 1, 144, 537	16, 94 16, 94 10, 10 6, 84 231, 16	2 6.1 2 4.1 0 2.1 3 93.1		3, 398, 86 2, 981, 72 4 417, 14 2 \$ 2, 269, 01	4 87, 2 4 85, 9 0 94, 2 3 98, 2
Cement	2, 714, 93	160, 559					Electrical Heating and plumbing Heating and piping Plumbing	182, 597 502, 908 325, 924 160, 984	1, 330 219, 830 165, 340 46, 490	3 88. 3 66.	6 50.7	606, 32	4 99,0
General contractors Building Building not specialized Residential building only			57.5 53.2 4.3	6, 8 7, 4 3, 5	3, 398, 80 2, 981, 72 417, 14 211, 12	4 87.2 4 85.9 0 94.2 3 96.5	Plumbing and heating com- bined Roofing and sheet-metal work. Roofing	92,460	10,000	0 4.1	2 50.0 0 10.8 0 10.8	196,45	9 94.9
Highway_ Bridge and culvert Grading_ Street paving Subcontractors	56, 01 4, 50 67, 34 1, 144, 53	9, 575 500 2 32, 186 7 5, 200	6.0 3 20.0 3.2	17.1 11.1 47.8	149, 40 40, 00 185, 12 2, 269, 01	5 94.9 0 100.0 7 100.0 3 98.2	Plumbing and gas-fitting equipment *	2. 714. 930	270, 96	7 100.	0 10.0	6, 253, 62	2 91, 4
Structural steel <sup>1</sup>	12,00	,					General contractors Building Building not specialized Residential building only Subcontractors			5 12.	0 2.4	1 3, 398, 86	4 87.2
All classes General contractors Building Building not specialized Devidential building colu	A 1 570 00	01 107 040	8 29.0 24.8 5 24.6	8,1	<sup>3</sup> 3, 984, 60 3, 398, 86	88.6	Residential building only Subcontractors Heating and plumbing Heating and plumbing Plumbing Plumbing and heating com- bined Roofing and sheet-metal work. Roofing.	199,809 199,809 1,144,537 502,908 325,924	18, 36 238, 39 218, 39 118, 52 91, 86	1 6. 1 88. 1 80. 5 43.	8 9. 0 20. 6 43. 7 36.	417, 14 <b>3</b> 2, 269, 01 4 918, 96 4 606, 32	0 94, 2 3 98, 2 4 99, 0
General contractors Building Building not specialized Residential building only Bridge and culvert Subcontractors Steel erection	56, 01 2 1, 144, 53 314, 00	8 18, 230 7 314, 000 0 314, 000	5 4.1 ) 71.(	) 27.4	149, 49 3 2, 269, 01	5 94.9 3 98.2	Plumbing Plumbing and heating com- bined	160, 984 16, 000 92, 460 92, 460	8,00 20,00 20,00	0 3. 0 7.	0 50. 4 21.	0 36, 00 6 196, 45	0 100.0 9 94.9
Lumber, rough and finished All classes	10 214 02	0 410,060	100.0		6, 253, 62 3, 984, 60	2 91.4 9 88.6	Electrical appliances and supplies						
All classes General contractors Building Residential building only Higbway Bridge and culvert Grading Street paving	1, 352, 40 1, 352, 40 1, 152, 59 199, 80 90, 13 56, 01 4, 50	3         410,060           1         396,281           2         282,752           9         113,522           2         7,210           8         5,715           0         200	1 96, 6 1 69, 6 7 27, 7 0 1, 8 9 1, 4 9 (1)	3         29.3           24.4         24.4           7         56.8           8         8.6           4         10.5           4,4	3, 398, 86           2, 981, 72           417, 14           211, 12           149, 49           40, 00	0 54.9	General contractors Building Building not specialized	<sup>2</sup> 1, 570, 393 1, 352, 40 1, 152, 59	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 7. 9 7. 5 4. 4 2.	22752	8 <sup>3</sup> 3, 984, 60 9 3, 398, 86 7 2, 981, 72 1 417, 14	09     88.6       54     87.2       24     85.9       10     94.2       13     98.2
Milluork		1					Electrical Heating and plumbing Heating and plping	1, 144, 55 182, 59 2 502, 90 325, 92	10, 97	8 86.	9 82. 9 2.	7 402,71 0 \$918,90	34 99.0
All classes General contractors Building Building not specialized Residential building only	2, 714, 93 21, 570, 39 1, 352, 40 1, 152, 59	0 160, 78 03 160, 78 01 160, 78 02 144, 77	3 100. 3 100. 3 100. 3 90.	$\begin{array}{ccc} 0 & 5. \\ 0 & 10. \\ 0 & 11. \\ 0 & 12. \end{array}$	•         6, 253, 62           •         3, 984, 60           •         3, 398, 86           •         2, 981, 72           •         417, 14	2 91.4 9 88.6 4 87.2 4 85.9	Pipe: Cast-iron, sheet and tube steel, etc.	+ <u>2</u> - 1				0.050.00	
Paints, varnishes, glass							All classes General contractors Building Building not specialized Subcontractors	2, 714, 93 1, 570, 39 1, 352, 40	46, 44 3 1, 76 1 1, 76	7 3.		1 3 3 984 60	09 88.6
All classes General contractors Building Ruilding not specialized Residential building only Bridge and culvert	1, 570, 39 1, 352, 40 1, 152, 59	)3 47, 33 )1 46, 84 )2 42, 68 )9 4, 16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3 3. 8 3. 3 3. 4 2.	0 <sup>3</sup> 3, 984, 60 5 3, 398, 86	9 88.6 4 87.2 4 85.9 0 94.2	Heating and plumbing Heating and piping	1, 152, 59 1, 144, 53 182, 59 502, 90 325, 92 160, 98	8 34, 10 4 14, 10	7 3. 8 96. 5 22. 3 73. 3 30.	8 5. 4 6. 4 4.	1 3 3, 398, 86 2 2, 981, 77 9 2, 269, 0 8 462, 7 8 918, 96 3 606, 3 4 276, 6	24         85. 9           13         98. 2           17         100. 0           64         99. 0           25         97. 7           39         100. 0
<sup>1</sup> Based upon the difference l <sup>1</sup> Includes cost of materials r	between the eported by reported by r cent. eported by r cent.	e total va establist	alue of	all con which	struction w	ork rep	Plumbing orted and the value of subcontract signated material in their distribut the designated material in their dis d not include the designated materi did not include the designated material	work let. ed lists. tributed lis		_!	<u> </u>		

# TABLE 11.-COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929

· .		<u>.</u>												
CLASSIFICATION OF ESTABLISHMENTS	Total co of all m	st	(ATERI/	r of Ali Als Dist BY Kir	RIB-	Sand, gravel crushe tone, sl	d (fac	o, Tile on, (fire-	Tile, facing, terra cotta,	Con- crete and cinder	granne	Riprap, rubble,	Cement	Lime
	terials	- 11	Amour	nt Per		cinder: etc.		av- proofin c.)	g) floor an wall		and mar- ble	etc.		
NEW HAMPSHIRE	_ \$4,091,1	82 8	82, 714, 6	80	66.4	\$106, 9	96 \$88, 1	92 87, 56	2 \$28,91	1 \$6,009	\$22, 237	\$16, 950	\$160, 559	\$15, 061
General contractors. Building Building not specialized Residential building only Highway. Bridge and culvert Grading Street paving	2, 645, 0	38	1, 570, 3	193	59.4	104,4		42 7, 55	2 28,91	6,009	22, 237 22, 237	16, 950	155, 359	13, 861
Building Building not specialized	- 1 2, 274, 2 1, 843, 7	97    96	1, 352, 4 1, 152, 5 199, 8	01 592	59. 5 62. 5	49, 1 48, 4	92 83,8 58 80,5	40 7,55 216 7,55	2 15,39 2 15,39	1 6,009 1 5,809 200	22, 237 22, 045	16, 950 14, 250	92, 367 85, 459	13, 861 13, 310
Residential building only	418,0	61	199,8	309	47.8	48, 4 7 18, 0	34 3,0	194		200	192	2, 700	6,908	551
Bridge and culvert	56, 0	18	56, 0	18 1	00.0	15, 5	29			D			9 575	
Street paving	67,3	42	4,5 67,3	142 I T	00.0 00.0	3,0 18,7	48						32, 186	
Subcontractors	2 1, 446, 1	44	1, 144, 8	537	79.1	2, 5	00 2,1	50					5, 200	1, 200
Electrical Heating and plumbing	- 205, 5 - 749, 5	97	182, 5	597   908	88.8			50						
Heating and piping.	- 356, 9	24	325, 9 160, 9	24	91.3			50						
Plumbing and heating combined	- 164, 8	07	16,0	00	9.7		 00							1 000
Subcontractors Electrical. Heating and plumbing Plumbing and piping Plumbing back of the strength of the strengt	12,0 40,5	22	12, 0 40, c	522 1	00.0	1,5	2,1						5, 200 	1, 20
Roofing Steel erection	- 112,4 314,0	60    00   -	92, 4 314, (	160   )00   1	82.2	1,0	00							
								1				 		
CLASSIFICATION OF ESTABLISHMENTS	Plaster, etc.	Stru tur stee	al í í	Rein- proing steel	Cast ron,mis cellane ous, ex- cluding pipe	wi	rs, an n- wire ys, an	ath and d finish	n shingle and	s, Millwor	Compo sition board	proonn	g rough and	Paints, var- nishes, and glass
NEW HAMPSHIRE	\$12, 056	\$441,	946 \$	34, 276	\$3, 728	\$5,	828 \$8,5	81 \$410,0	80 \$21, 4	74 \$160, 78	3 \$29, 41	7 \$13, 639	\$36, 242	\$94, 147
General contractors	. 11, 056	127,	946	34, 226	3, 728	5,	828 8, 5	261 410, 0	60 21, 4	74 160, 78	3 29, 41	7 9, 639	36, 242	47, 334
Building Building not specialized Residential building only	11, 056 10, 159	109, 108,		21, 030 20, 831	3, 728 3, 728	5,	828 8,5 828 8,6	261 396, 2 194 282, 7	81 21, 4 54 16, 7	14   144.77	3 29, 41 3 23, 76 0 5, 65	7 6, 135 1 6, 005	33,004	46, 846 42, 682
Residential building only	. 897		Q/R	199		-		.67   113, 5	27   4,73	30 16, 01	0 5,65	6 130 2,704	3, 218	
Bighway Bridge and culvert Grading Street paving		18,	235	5,669				. 2	10.1		1			499
Street paving				7 597				.   A	50.1		1	1	20	
Subcontractors	. 1,000	314,	000	50		_						4,000		46, 812
Electrical Masonry	1.000			50										6, 291
Painting and decorating														40, 525
Subcontractors Electrical Masonry Painting and decorating Roofing Steel erection		314,	000											
	<u> </u>	-						1	1	<u> </u>	<u>,</u>			l I
	Roofing	Fin	ranea	Screens		ting	Plumbing and gas	Electrical		1 Diam	Pipe: Cast-iron,	Wire cable,	Bitumin- ous pay-	
CLASSIFICATION OF ESTABLISHMENTS	and shee metal		e, s.	awnings	, tila	ting	fitting	and sup-	waiters,	fied con-	sheet and tube steel,	guards, and fenc-	ing ma- terials	laneous
				etc.	- equip	mente	guipment	plies	etc.	crete, etc.	etc.	ing	torials	
NEW HAMPSHIRE	- \$123, 033	\$28	8, 167	\$2, 18	* \$248	6, 108	* \$270, 967	\$173, 757	\$6, 075	\$18, 917	\$46, 445	\$16, 323	\$40, 081	\$16, 546
General contractors Building	52, 216	28	8, 167	2, 18		3, 942	32, 576	12, 529	6, 075	11, 396	1,767	2,900	40, 081	16, 546
Building not specialized	- 49,476	24	6, 365 4, 485	2,18 2,024	E 10	), 942 ), 102	32, 576 14, 215	12,529	6, 075 6, 075	11, 288 10, 210	1,767 1,767	1, 098 1, 098	9, 101 9, 101	16, 086 16, 086
Residential building only Highway	2,740		1,880 1,802	16	8 0	5, 840	18, 361	4, 294		1, 078		1, 802	22. 534	
Bridge and culvert		-	-							108			22, 534 235 8, 211	460
			[-			100	090 001	101 000		7 201	44 970	12 /09		
Electrical					231	, 166 , 330 , 836	238, 391	161, 228 150, 978		7, 521	44, 678 10, 575	$13, 423 \\ 13, 423$		
Heating and plumbing	13, 357	1	-		219	, 836 , 346	218, 391 118, 525	10, 250 10, 250		6, 921 6, 150	34, 103 14, 103			
Heating and piping	11, 550				-1 ION									
Heating and piping	11, 550				- 40	, 490	91,866			. 771	20,000			
	11, 550				46	8, 490 8, 000	91, 866 8, 000 20, 000			771 600	20,000			

Certain establishments did not give a distribution of the cost of their materials by separate items. The total cost of materials reported by such establishments is, however, included in totals in this column which carry a footnote to that effect. <sup>1</sup> Commercial building only, \$12,440. <sup>2</sup> Carpentering and wood flooring, \$12,000. <sup>3</sup> See footnote 2 of Table 9 on p. 752. <sup>4</sup> Includes freight, hauling or trucking to job; cast forms, beads, etc.; ornamental metal work; textiles and caulking materials; chemicals and chemical products; and mis-cellaneous, n. et s. For total cost of these items see Table 9. <sup>\*</sup> See footnote \* of Table 9, on p. 752.

.

#### TABLE 12.—NUMBER OF, AND VOLUME OF BUSINESS REPORTED BY, ESTABLISHMENTS DOING A CON-STRUCTION BUSINESS OF LESS THAN \$25,000 IN 1929, PERCENTAGE OF TOTAL NUMBER OF KNOWN ESTABLISHMENTS, AND AVERAGE VOLUME PER ESTABLISHMENT

					w HAMPSH opulation,			
TYPES OF WORK	Know	n contract	ing establi	shments		Volume of	405,096 388,066 5,000 12,000 951,020 60,060 12,885 126,066 364,977 73,742 72,677 7,433	əd
	Total	Inactive	Activ	e in 1929	Number of report-	Per cent of		Average per
	number	in 1929	Number	Per cent	ing es- tablish- ments	active	Amount	establish- ment
Total establishments canvassed (under \$25,000)	648	24	624		176			
Total establishments, type of work unknown Total general and subcontractors classified	8 640		7 617	100. 0	1 175	14.3	\$5, 000	\$5,000
Total general contractors classified	197	10	187	30, 3	54	28.9	405, 096	7, 502
Building Highway. Dredging, river and harbor	$\begin{array}{c}185\\10\\2\end{array}$	10	175 10 2	$     \begin{array}{r}       28.4 \\       1.6 \\       .3     \end{array} $	52 1 1	20.7 10.0 50.0	388, 096 5, 000 12, 000	7, 463 5, 000 12, 000
Total subcontractors classified	443	13	430	60.7	121	28.1	951, 026	7, 860
Carpentering Concreting Electrical Plumbing and decorating Plumbing and heating Sheet metal and rooting Masoury Stone work Stoel erection Glass and glazing Plastering Heating and ventilating Marbie and tiling Excepted and tiling Excepted and tiling	86 65 155 20 33 3 3 2 5 5 3 1 1	7 2 1 1 	$51 \\ 10 \\ 84 \\ 65 \\ 153 \\ 19 \\ 32 \\ 2 \\ 5 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	8.3 1.6 13.6 10.5 24.8 3.1 5.2 .5 .5 .5 .5 .5 .5 .5 .2 .2 .2 .2	9 4 26 21 40 7 10 1 2 1 	17. 6 40. 0 31. 0 32. 3 26. 1 36. 8 31. 3 33. 3 100. 0 20. 0	60,000 12,685 109,058 125,065 364,977 73,747 72,075 7,434 17,945 17,380	6, 673 3, 171 7, 650 5, 055 9, 124 10, 535 7, 208 7, 434 8, 974 17, 380

# TABLE 13.—ESTABLISHMENTS (WHOSE BUSINESS WAS LESS THAN \$25,000 IN 1929) WHICH REPORTED THEIR VOLUME OF CONSTRUCTION WORK, CLASSIFIED BY RANGE OF VOLUME OF BUSINESS

CLASSIFICATION	Total	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,909	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$17,409	\$17,500 to \$19,999	\$20,000 to \$22,499	\$22,500 to \$24,909
NEW HAMPSHIRE								1			
Total general and subcontractors	176	35	37	36	19	17	3	14	5	5	5
General contractors Subcontractors Type of contracting unknown	84 121 1	15 20	9 28	12 23 1	3 16	5 12	3	6 8	1	2 3	1 4
The of opping drait and the second se	-			-							

# **NEW JERSEY**

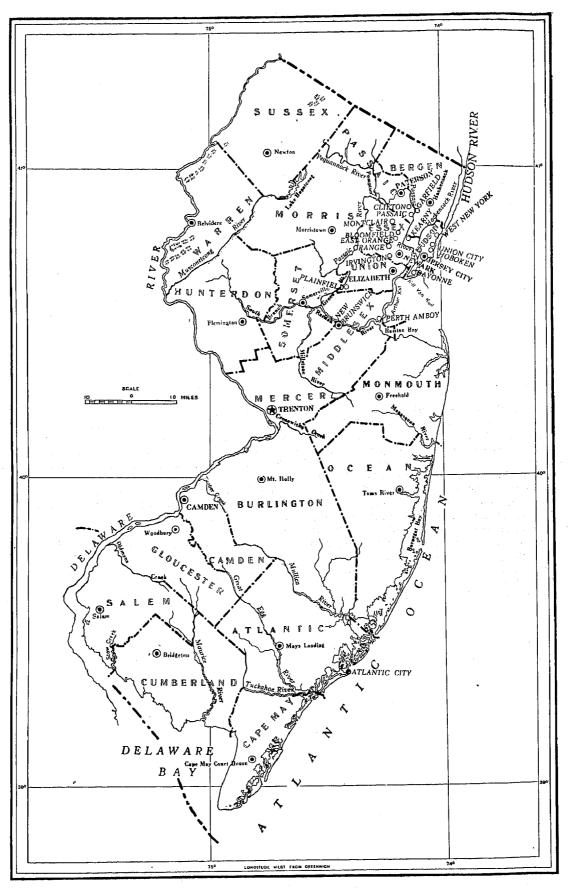
### CONTENTS

Мар	. 758
TABLE 1Value of construction business during 1929, and principal items of expenditure	. 759
TABLE 2.—Construction business of reporting establishments during 1929, by class of ownership and by type of work	. 762
TABLE 3.—Construction business during 1929, by location	. 765
TABLE 4.—Construction business outside home State, by location	766
TABLE 5.—Number and salaries of proprietors, firm members, and salaried employees: 1929	767
TABLE 6Value of construction equipment, in comparison with construction business and wages paid during 1929	769
TABLE 7Wage earners, by months, and wages paid during 1929	
TABLE 8.—Expenditures of reporting establishments: 1929	775
TABLE 9.—Cost of materials furnished and used by reporting establishments during 1929, by kind	777
TABLE 10.—Comparison of cost of designated materials furnished and used by reporting establishments during 1929, with cost	,
of materials and value of construction business	779
TABLE 11.—Cost of materials furnished and used by reporting establishments during 1929	791
TABLE 12Number of and volume of business reported by establishments doing a construction business of less than	
\$25,000 in 1929, percentage of total number of known establishments, and average volume per establish-	
ment	798
TABLE 13Establishments (whose business was less than \$25,000 in 1929) which reported their volume of construction	
work, classified by range of volume of business	799

757

 $(f_{1}, \dots, f_{n}) \in \{1, \dots, n\}$ 

Page



**NEW JERSEY** 

# TABLE 1.-VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE

[Values expressed in thousands]

-	establish- s		OF CONS N BUSINE		PRINC	IPAL EX TURES			ablish-		OF CONS BUSINE		PRINCI	PAL EX TURES	PENDI-
AREA, CLASSIFICATION OF ES- TABLISHMENTS, AND SIZE OF BUSINESS GROUPS	Number of esta ments	Total	Under general contract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of mate- rials	AREA, CLASSIFICATION OF ES- TABLISEMENTS, AND SIZE OF BUSINESS GROUPS	Number of establish- ments	Total	Under general contract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of mate- rials
NEW JERSEY	1, 483	\$292, 175	\$238, 500	\$58, 675	\$57, 114	\$66,005	\$110, 025	NEW JERSEY-Continued.							
Counties and principal cities								Size of business groups	750	\$010 ADD	@000 050	¢1 040	\$55 100	<b>\$</b> 11. Q15	\$70, 243
Counties: 1 Atlantic Bergen Camden Camden Cape May Cumberland	173 16 36 20 13	2, 341 4, 265 2, 487 1, 677	21, 948 2, 284 3, 885 2, 263 1, 514	224	6, 438 661 460 490 211	6, 434 463 872 530 493	$1,810 \\ 7,508 \\ 888 \\ 1,726 \\ 407 \\ 407 \\ 1,101 \\ 407 \\ 1,101 \\ 1,10$	General contractors *	21	l í i	91,709	i 78	3, 322 5, 249 10, 234 9, 391 24, 859	5, 087 11, 117 7, 814 15, 384	4, 665 5, 843 12, 968 8, 885 35, 401
Essor Gloucester Hudson Mercer Middlesex Monmouth Morris	410 9 162 75 66 90	1,784 50,241 22,450 9,323 10,372 4,755	1,711 42,070 18,787 7,668 8,373 4,037	73 8, 171 3, 663 1, 655 1, 999 718	108 8,353 3,761 1,433 2,033	440 9, 582 4, 618 2, 258 2, 666 5 1, 489	793 23, 142 8, 945 3, 762 3, 419 1, 615	Building contractors # \$25,000 to \$49,909 \$100,000 to \$90.909 \$100,000 to \$190,909 \$200,000 to \$499,909 \$500,000 to \$990,909 \$1,000,000 to \$490,909	$   \begin{array}{c c}     - 150 \\     - 110 \\     - 70 \\     - 20   \end{array} $	$\begin{array}{r} 6,454 \\ 10,899 \\ 14,881 \\ 23,914 \end{array}$	14, 679 23, 513 16, 079	240 136 202 401 87	2,036 3,206 5,102 8,957	1, 437 2, 674 3, 454 5, 615	41, 004 2, 070 3, 451 3, 990 6, 035 3, 273 22, 184
Ocean Passaio Salem Somersei Sussex Union Warren Principal citias: <sup>2</sup>	. 88 . ( . 32 . <i>f</i> . 178	18, 677 249 3, 578 501 26, 414 453	16, 420 186 2, 941 501 19, 407 409	2, 257 63 634 7, 007 44	3, 684 870 22 3, 801 56	4, 686 48 1, 104 1, 104 6, 105 78	6, 598 138 1, 114 190 11, 573 246	Subcontractors	- 333 - 233 - 98 - 49 - 10	11,955 16,167 13,704 14,726 6,440	4, 599 6, 310 4, 879 5, 373	0 7,356 0 9,857 0 8,825	143 253 5 37( 8 90(	3 4,874 3 3,856 0 4,068 9 2,068	5,048 6,742 5,957 6,590
Camden Elizabeth Jersey City Newark	27 68 81 208	8, 633 37, 664 72, 214	33,916 54,601	1,408 3,748 17,613	1,629 5,680 17,060	1,834 5 5,974 15,371	3,444 19,324	CAMDEN Classification of estab-		:  <del></del>					
Paterson Trenton Classification of estab- lishments	41	13, 411 17, 80		1, 189 3, 233	2,209	3, 12	7, 501	lishments General contractors <sup>8</sup> Building <sup>9</sup>	. [	2, 838 824 1, 075	11 823	31 3	387 268	543 183 166	259
Operative builders	- 33	7,68	3 7,683	3	5, 476	1 .	1	Highway Other classes <sup>6</sup>		938	938	8	119	194	440
General contractors Building Building, not specialized Commercial building	- 51	3 122, 80 75, 96	8 121,670 1 74,960			44, 270 23, 793 5 17, 484		Electrical Heating and plumbing Other classes <sup>10</sup>	- 8	932 240 262 3 430	23 14	7 110	5		15
only Manufacturing building	- 2	5 9,07 5 20,91			280	2.08		Size of business groups							
only Residential building only Highway Bridge and culvert Grading Street paving Sewer, gas, water, conduit Waterworks	- 6 - 1 - 1 - 5 - 3	16,85           125,10           29,91           12,05           12,05           13,91	16,723           24,822           4         9,876           6         2,056           8         9,740           0         9,155		5, 698 2, 62 572 614 304	3,740           7         6,07           2         1,77           930           0         2,32           0         2,58           2         67	4,903       8,887       3,407       422       3,836       3,474       810	General contractors <sup>8</sup> \$25,000 to \$49,999 \$50,000 to \$39,999 \$100,000 to \$199,909 \$200,000 to \$499,999 \$500,000 to \$499,999 \$500,000 to \$499,999	- 4	164 308 594 268	160 300 594 260	0  4 8		5 52 5 86 8 109	50 118 220 5 11
Dredging, river, harbor, etc Railroad	- 73	9 2,48 7 2,50 8 14 8 16,58	2 2, 42 2 2, 46 1 10 4 16, 58		2 41 3 1,56	8 98 4 5	5 606 3 40 3 7,293	Building contractors <sup>2</sup> \$26,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$199,999 \$200,000 to \$499,969 \$500,000 to \$499,969		84 308 3 432	8 30 2 43	3 8		5 18 5 80	8 2 8 11
Carpentering and wood- flooring Concreting Electrical Heating and plumbing Heating and plping Pipe covering Plumbing Plumbing_ and heating	- 3 - 1 - 8 - 30 - 6	6 2,53 5 6,35 9 29,36 5 11,70 3 1,39	6 40 5 3,03 4 13,06 0 4,65 2 47	7 2,129 2 8,329 9 16,299 7 7,043 0 92	5 80 3 52 2 2	5 92 2 1,83 8 7,22 6 2,40 4 44	918           2,827           15,205           6,318           617	\$1,000,000 and over Subcontractors \$26,000 to \$49,909 \$50,000 to \$499,909 \$100,000 to \$199,909 \$200,000 to \$499,099 \$500,000 to \$499,099	- 1	2 932 3 106 5 423 8 403	63 63 3 3 3	5 7. 1 91	1	1 21 21 1 90 90	9 4 3 22
Plumping and heating combined. Masonry	- 4	6 3,03 4 1,99 8 76	4 73 9 64 8 2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{ccc} 8 & 15 \\ 1 & 1 \\ 6 & 1 \end{array}$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2 1,057 9 563 2 349	\$1,000,000 and over ELIZABETH Classification of estab-		-	7, 22	5 1,40	8 1, 62	Ð 1,834	1 8,44
Roofing and sheet-meta work Roofing Sheet-metal work Roofing and sheet meta	1 7 - 3 - 2	2 5, 51 4 2, 19 3 2, 21	3 1,71 8 86 2 66	7 3, 79 0 1, 33 1 1, 55	1 3	8 1,59 0 62 9 65 9 31	3 813 8 926 6 439	lishments General contractors <sup>8</sup> Building Building not specialized Residential building only	- 8 8 1 9 1	1 4,154 9 3,372	4 4, 10 2 3, 33 2 77	8 4 5 3	5 1,04 6 75 9 20	4 60 2 13	0 1,56 5 28
combined Steel erection Stonework Marble and tiling Excavating Ornamental iron	2 3 1	5 13, 49 8 1, 64 6 2, 97 7 1, 88 4 39	$\begin{bmatrix} 0 & 5, 13 \\ 2 & 5 \\ 0 & 58 \\ 88 & 16 \\ 99 \end{bmatrix}$	2 8,35 2 1,59 1 2,38 9 1,71 39	$egin{array}{cccc} 8 & 15 \ 0 & 3 \ 9 & 10 \ 7 & 9 \ 9 & 2 \ 9 & 2 \ \end{array}$	7 1,79 6 58 9 1,06 3 57 5 8	$\begin{array}{cccc} 6 & 8,772 \\ 5 & 621 \\ 2 & 1,123 \\ 4 & 106 \\ 1 & 222 \end{array}$	Other classes <sup>11</sup> Subcontractors Electrical	. 3	0 2,377 3 178	7 1, 01 3 7 24	4 1,36 17 2 20	- 34 3 23 8 5 4		$\begin{array}{ccc} 4 & 1,03 \\ 2 & 7 \\ 3 & 23 \end{array}$
Grading * Metal work, miscellaneous n. e. s.* Flooring, miscellaneous, n e. s. Other classes 7	1 , 	0 77 6 6,22 4 70	0 9 24 2,90	2 67 4 3, 32 - 70	8 0 23	. 39	3 4,057 2 107		5 	4 16 4 15 3 33	5 12 8 11 7	4 4 8 4	1	- 4 9 2 7	6 7 9 2 5 19

### TABLE 1.—VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDI-TURE—Continued

[Values expressed in thousands]

	tablish-	VALUE TION	OF CONS	rruc- ss	PRINC	IPAL EX TURES			establish- nts	VALUE TION	OF CONS	TRUC- SS	PRINCI	TURES	PENDI-
AREA, CLASSIFICATION OF ES- TABLIGHMENTS, AND SIZE OF BUSINESS GROUPS	Number of esta ments	Total	Under general contract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of mate- rials	AREA, CLASSIFICATION OF ES- TABLISHMENTS, AND SIZE OF BUSINESS GROUPS	Number of est ments	Total	Under general contract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of mate- rials
ELIZABETH-Contd.							. *	JERSEY CITY-Contd.			1.1				-
Size of business groups						dit 011	\$2,407	Size of business groups- Continued							
General contractors <sup>8</sup> \$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$109,999 \$200,000 to \$409,999 \$con cot to \$000,000	12 4 6	\$6, 257 411 934 511 1, 711	503	30 8	347	91, 211 77 177 110 409	42, 401 123 323 119 571	Subcontractors—Continued. \$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 and over			\$1, 270	\$1, 171 	\$243 	\$707 	\$1,090
\$1,000,000 and over		2, 689			409		1,271	NEWARK	205	72, 214	54, 601	17, 613	17, 060	15, 371	25, 320
Building contractors * \$25,000 to \$49,999	31 10 12	4, 154 361 934	331	30	115	795 70 177	1,848 108 323	Classification of estab- lishments		:					
\$50,000 to \$09,999 \$100,000 to \$199,999 \$200,000 to \$199,999 \$200,000 to \$499,999	4	511 988	503	8	166 343	110	119 308	Operative builders	3	977	977		929	3	
\$600,000 to \$999,999 \$1,000,000 and over \$20,000 to \$40,999 \$50,000 to \$49,999 \$100,000 to \$199,999	1 30 15 10	716	1, 014 251 280	283		624	990 1,037 211 318	General contractors. Building not specialized. Commercial building only. Residential building only. Highway and street pav-	64 40 9	24, 470 14, 663 7, 890	24, 423 14, 616 7, 890	48	13,859	3, 906 3, 369 241	3, 255 201
		427 700		427 216		85 146	266 243	ing	5				148		
\$500,000 to \$999,999 \$1,000,000 and over								Sewer, gas, water, and conduit <sup>3</sup> Other classes <sup>17</sup>	4 5	1, 539 16, 802	1, 539 16, 800	2	50 1, 576		
JERSEY CITY	. 81	87, 664	33, 916	3, 748	5, 685	5, 974	19, 324	Subcontractors Carpentering and wood-	124		II .	17, 563	498 10		13, 058 178
Classification of estab- lishments								flooring Electrical Heating and plumbing	25	337 2, 589 10, 440	1, 212	1, 377	51	828	1, 103
General contractors <sup>8</sup> Building <sup>8</sup> Street paving Other classes <sup>13</sup>	. 24	28, 883	28, 816 645	67 40	4,717	3,621	16, 939 16, 268 267 404	Heating and pipe cover- ing Plumbing Plumbing_ and heating combined	17 30	6, 873 3, 383 184	1, 507 1, 680 44	5, 366 1, 703 140	172 150	976	1, 619 78
Subcontractors Concreting and stonework	48	435	227	208	11		125	Masonry and concreting Painting and decorating Roofing and sheet-metal	. 6	1, 080 240	39 100			146	37
Electrical Heating and plumbing Heating and plumbing Plumbing Painting and decorating Glass and glazing Roofing and sheet-metal		1,778 874 890 569	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	524 264 260 432	188 162 20	301 159 232 186 110	805 406 399 292 231	Steel erectionSteel and sites international Steel erectionStonework Marble and tiling <sup>15</sup> Excavating Other classes <sup>19</sup>	5	4.925	2, 752 157	2, 173 764 280 690	61 15 7	489 237 143 199 533	3, 206 241 160
workSteel erection Steel erection Marble and tiling <sup>15</sup> Other classes <sup>16</sup>		601 601 505	340	0.01	60	195 260	212 194	Size of business groups General contractors <sup>3</sup> \$25,000 to \$49,999	81	349	349	)	16, 562 126 256	1 73	3  107
Size of business groups General contractors <sup>8</sup>	3	31, 867	7 31, 759	) 10	5, 290	4, 418	16,939	\$50,000 to \$99,999 \$100,000 to \$199,999 \$200,000 to \$499,999	17	2, 309 7, 588	2,309	3	936 2, 675	520	) 380 2 1,760
\$25,000 to \$40,099 \$50,000 to \$99,099 \$100,000 to \$109,999 \$200,000 to \$499,999	- (		2 243 1 414 586 5 2,810	}   	) 78 08 183 ) 998	57 130 102 668	91 124 126 504	\$500,000 to \$999,099 \$1,000,000 and over Building contractors <sup>8</sup> \$25,000 to \$49,999	-  · 8	29, 862	2 29, 860 25, 400	) 2 ) 48	10, 752 14, 788 120	5, 695 3, 909 71	5 8,555 9 8,81 3 10
\$500,000 to \$999,999 \$1,000,000 and over		3 24, 174	4 24, 155	5 19	2, 24(	2, 586	15,356	\$50,000 to \$99,999 \$100,000 to \$199,999	14	977 2.050	97 3 <b>2,</b> 05	7	256 936	3 · 437	1 32
Building contractors <sup>8</sup> \$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$199,999 \$100,000 to \$199,999	- 1		2 243 2 365 5 355	} 2 5		$   \begin{bmatrix}     57 \\     5 \\     5   \end{bmatrix}   $ $   \begin{bmatrix}     57 \\     118 \\     40   \end{bmatrix}   $	91 100 58	\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 and over Subcontractors		3, 652 5 12, 671 4 25, 759	2 3,60 1 12,67 9 8,19	4 48 1 7 17, 563	9, 164 498	608 5 1, 278 8 5, 70	8 73 8 1,30 7 13.05
\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 and over	-	3 2, 10	2 2,06	3  31	] 1,17		362	\$25,000 to \$49,999 \$50,000 to \$99,999 \$100,000 to \$199,999	- 4	3 2, 398	$\frac{3}{1}$ $\frac{71}{1.21}$	9 1,679 9 1,329	) 49	74	2 80
Subcontractors		5, 79 347 1, 41	7 2, 150 7 120 1 434	5 223 1 973	38	1, 565 5 74 3 364	532	\$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 and over	- 1	7 5,12 4 3,07	2 1,91 2 . 47	7 3, 200 0 2, 605	5	4 94 1 1,29	1 2,30

# TABLE 1.—VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDI-TURE—Continued

[Values expressed in thousands]

en e	lish-		OF CONS		PRINC	IPAL EX TURES	PENDI-		lish-		OF CONS		PRINC	IPAL EX	
AREA, CLASSIFICATION OF ES- TABLISHMENTS, AND SIZE OF BUSINESS GROUPS	Number of establish- ments	Total	Under general contract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of mate- rials	AREA, CLASSIFICATION OF ES- TABLISHMENTS, AND SIZE OF BUSINESS GROUPS	Number of establish- ments	Total	Under general contract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of mate- rials
PATERSON	41	\$13, 415	\$12, 226	\$1, 189	\$3,009	\$3, 325	84, 567	TRENTON	59	\$17, 801	\$14, 568	\$3, 233	82, 209	\$3, 125	\$7, 501
Classification of estab-					· . ,			Classification of estab- lishments		·			1		
lishments General contractors. Building. Building, not specialized Residential building only. Highway and street paving. Other classes <sup>20</sup>	14     11     3     3     3 $     3     $	6, 557 6, 411 146 390	9, 914 6, 470 6, 324 146 874 3, 069	87 87 10	2,909 2,842 67	2, 645 1, 488 1, 465 22 98 1, 059	42	General contractors <sup>8</sup> Building <sup>8</sup> Highway and street paying_ Othor classes <sup>33</sup> Subcontractors Concreting <sup>24</sup>	15 5 5 34	13, 534 5, 013 1, 873 6, 648 4, 267 448	1, 867 6, 636 1, 064 65	11 6 12 3, 203 383		890 336 739 1, 160 125	2, 001 180
Subcontractors Electrical. Henting and plumbing Plumbing. Plumbing and heating combined <sup>21</sup> . Roofing and sheet-metal	21 3 11	3, 398 345 1, 007 523	2, 312 93 457 184	1, 086 252 550 839	48 43 33 10	680 57 270	2, 056 233 526 256 270	Heating and plumbing Heating and plping Plumbing <sup>14</sup> Painting and decorating <sup>23</sup> Roofing and sheet-metal	8 5 3 4	1, 018 917 101 373 504 206	446 88	471 14 373 427	65 65 		505 60 93 220
Roofing and sheet-metal work Other classes <sup>22</sup> Size of business groups	3 4	232 1, 812	73 1, 690			64 289	95 1, 203	Sheet-metal work. Roofing and sheet metal combined Marble and tiling Other classes <sup>20</sup> Size of business groups	3 3 8	358 229 1, 634	84 97 231	132	3 13		103
Ganeral contractors	1 1	148 228 905 1, 256	9, 914 148 228 979 1, 169 7, 389		2, 961 42 48 174 426 2, 271	2, 645 33 60 282 328 1, 941	2, 511 52 71 201 262 1, 835	General contractors	25 4 5 3 7 4 2	13, 534 159 387 470 2, 166 2, 480 7, 871	154 381 452	5 6 18	61 81	$     \begin{array}{r}       120 \\       115 \\       369 \\       662     \end{array} $	43 146 206 716 1,008 3,380
Building contractors \$25,000 to \$49,909 \$50,000 to \$49,909 \$100,000 to \$109,009 \$200,000 to \$409,909 \$500,000 to \$999,099 \$1,000,000 and over	4 2 3 4	148 112 494 1, 256	494 1,169		2, 909 42 48 142 420 	1, 488 33 24 133 328 970	1,780 52 30 121 202 1,324	Building contractors \$25,000 to \$49,909 \$100,000 to \$109,909 \$100,000 to \$109,909 \$200,000 to \$109,909 \$500,000 to \$409,909 \$1,000,000 and over	3 1 4 2 1	5, 013 159 213 117 1, 092 1, 061 2, 371	5, 002 154 213 111 1, 092 1, 061 2, 371	5 	1, 989 61 81 452 320 1, 075	38 53 81 207 390	$1,450\\ 43\\ 65\\ 80\\ 243\\ 157\\ 803$
Subcontractors. \$25,000 to \$40,099. \$50,000 to \$90,909. \$100,000 to \$109,909. \$200,000 to \$409,909. \$500,000 to \$409,909. \$1,006,000 and over.	6 3 3	$269 \\ 450 \\ 451$	2, 312 147 209 213 336 1, 317	122 151 238	15	680 72 122 142 179 166	2, 056 124 196 241 439 1, 057	Subcontractors. \$25,000 to \$40,090 \$50,000 to \$90,909 \$100,000 to \$199,909 \$200,000 to \$499,909 \$200,000 to \$499,909 \$1,000,000 and over	34 7 13 11 2  1	4, 267 229 936 1, 625 476 1, 000	1, 064 92 282 528 161	137 654 1,097 315	26 29 26	532	2,001 106 337 602 305 650
<ul> <li>Includes refuse-disposal</li> <li>Includes central station,</li> <li>Includes highway and st</li> <li>Includes levator constru-</li> <li>Includes lejhways; sewe</li> <li>Includes operative build</li> </ul>	light reet p iction r, gas, ers.	and pow aving. water, c	ər plant; onduit; (	miscelle lam and	neous r l reserve	n. e. s. bir; and	dredging	n '		на 1910 - В	nd meta	l work.	п. ө. s.		
<ul> <li><sup>14</sup> Includes carpontoring at <sup>15</sup> Includes bridge and cult</li> <li><sup>14</sup> Includes plastering and <sup>15</sup> Includes carpentering and <sup>16</sup> Includes carpentering and <sup>18</sup> Includes railroad; found</li> <li><sup>18</sup> Includes grading; dredgi <sup>20</sup> Includes bridge and cult</li> <li><sup>20</sup> Includes bridge and cult</li> </ul>	vert; c heatir lathin id wo ation; ing, ri vert; ping.	nd noorin lredging, ig combi g od floorin central : ver, hark and sewe	river, hason river, ha ned. ng; excav station, li oor, etc.; r .gas, w	ating; a ght and elevator ater, cor	nd orna l power constru iduit.	mental plant in iction; a	iron. icluding g	stc. eater metal; and excavating; orna station, light and power plant. (as; miscellaneous, n. e. s. work, miscellaneous, n. e. s.				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
<ol> <li>Includes carpentering ar</li> <li>Includes railroad; bridge</li> <li>Includes stonework and Includes stonework and Includes carpentering ar</li> </ol>	id wo a, and mason laneou id woo	od floorin culvert; ary. 18, n. e. s od floorin	ng; steel sewer, g ng; eloctr	erection as, wate ical; ste	; and en or, cond el erecti	ccavatin uit; and ion; exc	ig, 1 waterwo avating;	work, miscellaneous, n. e. s. prks. and sewer, gas. water, conduit.							
12710033	4	9					а. 2	an an an an an an Arran an Ar Arran an Arran an Arr							

#### TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNER-SHIP AND BY TYPE OF WORK

	c	ONSTRUCTIO	N BU	SINESS REF	ORTE	D BY	n alatan talah	c	ONSTRUCTIO	N BUS	SINESS REPO	ORTE	
CLASS OF OWNERSHIP AND TYPE		classes of blishments	Ge t	neral con- ractors <sup>1</sup>	S t	Subcon- tractors	CLASS OF OWNERSHIP AND TYPE	Allesta	classes of blishments	Ge	neral con- ractors <sup>1</sup>		ubcon- ractors
OF CONSTRUCTION WORK	Number re- porting	Value	Number re- porting	Value	Number re- porting	Value	OF CONSTRUCTION WORK	Number re- porting	Value	Number re- porting	Value	Number re- porting	Value
NEW JERSEY							NEW JERSEY-Continued						
All construction business Distribution not reported						\$81,683,191 3, 811, 691	Distributed by class—Continued. Sewer, gas, water, conduit Dredging, river, harbor, etc	734	\$130, 173 458, 490 225, 301	2	(2) (2)	5 2	(2) (2)
Distributed by class of ownership Privato Quasi-public or community Public Distribution not reported	$     \begin{array}{r}       1,410 \\       1,273 \\       234 \\       522 \\       42     \end{array} $	285, 200, 715 188, 311, 603 15, 608, 413 81, 280, 699 5, 414, 412	729 620 82 276 19	207, 329, 215 125, 380, 218 11, 704, 734 70, 244, 263 4, 474, 996	681 653 152 246 23	77, 871, 500 62, 931, 885 3, 903, 679 11, 036, 436 939, 416	Distributed by class—Continued. Sewer, gas, water, conduit Dredging, river, harbor, etc Motal work, n. e. S Rental of equipment, trucking, etc. Plooring, n. e. S Other classes 4	4 6 3 8	225, 301 48, 615 605, 032 3, 126, 432	3	\$19, 113 88, 370	. 3	\$225, 301 29, 502 605, 032 3, 038, 062
Distributed by class of public ownership Federal	480 31	75, 866, 287 7, 170, 308	257 14	65, 769, 267 6, 783, 210	223 17	10, 097, 020 387, 098	CAMDEN All construction business Distribution not reported	27	3, 769, 627 248, 389	15	2, 837, 748	12 2	931, 879 248, 380
State County or township Municipal	155 219 324	75, 866, 287 7, 170, 308 19, 405, 955 17, 122, 287 32, 167, 737	85 120 164	65, 769, 267 6, 783, 210 16, 058, 476 14, 731, 122 27, 296, 459	70 99 160	10, 097, 020 387, 098 2, 447, 479 2, 391, 165 4, 871, 278	Distributed by class of ownership Private	25 18	3, 521, 238	15	2,837,748 814,423	10	683, 490
All business under general con- tract or directly for owners Distribution not reported	1, 119 11	238, 500, 041 2, 383, 476	752	208, 651, 669 2, 165, 499	367 3	29, 848, 372 217, 977	Quasi-public or community Public Distribution not reported	4 14 1	229, 405 2, 206, 993 267, 592	1 7 1	2,023,325 267,592		183, 668
Distributed by class Building Distribution not reported	1, 108 916 30	236, 116, 565 155, 289, 892 3, 952, 252	744 568 17	206, 486, 170 129, 457, 347 2, 231, 274	364 348 19	29, 630, 395 25, 832, 545 1, 720, 978	Distributed by class of public ownership Federal. State. County or township Municipal.	13 2 3 9	} 1, 273, 907		1, 755, 733 } (²) 125, 512	12	183, 668 (*) 18, 015
Distributed by class Commercial Educational Hotel Hospital and institutional Manufacturing		151, 337, 640 29, 404, 047 16, 533, 614 2, 744, 917 9, 663, 948 30, 376, 503	551 200 90 16 48 76	127, 226, 073 24, 760, 096 13, 243, 735 2, 552, 471 8, 955, 835 27, 379, 216	329 118 95 26 45 76	708, 113	Municipal	9 8 23 17 2		15 9	( <sup>2</sup> ) 2, 833, 871 823, 490 69, 517	6	( <sup>2</sup> ) 635, 182 582, 205 161, 405
Hotoi Hospital and institutional Manufacturing Military and naval Public: Courts, jails, etc Religious and memorial Residential. Social and recreational	68	287, 576 2, 642, 526 3, 613, 342 44, 776, 540	415	257, 161 2, 290, 503 3, 275, 966 35, 721, 344	4 29 57 245 35	30, 415 352, 023 337, 376 9, 055, 196	Distribution not reported Distributed by class Commercial Educational	15 9 3	·				420,860
Air transport. Rail and water transportation. Miscellancous Highway and street. Railrond and car line. Public works and utilitles. Bridge, tunnel, etc. Central station, lightand power	15	68,857 492,579 6,328,682 33,025,345 1,875,169	8 6 77	4,113,714 32,855,732	85	$ \begin{array}{r} 11,545\\28,610\\2,214,968\\169,613\\(^2)\end{array} $	Distributed by class. Commercial. Hospital and institutional. Manufacturing. Residential. Miscellaneous. Other classes <sup>a</sup> Public work and utilities <sup>a</sup> Highway and street. Miscellaneous, n. e. S.	15 9 3 2 5 9 5 4 5	73, 025 321, 121 152, 560 102, 452 839, 710	1	(2) 231, 806 (2) (2) (2)	3 4 4 2 2	(2) 89, 315 (2) (2) (2)
Bridge, tunnel, etc Central station, lightand power plant	40	12.881.073	11	(2)	9	(2)	Highway and street Miscellaneous, n. e. S	6 2 10	- 		2,010,375 (2)	1 2 8	J
plant. Dock, pier, rotaining wall, etc. Flood control, irrigation, and land drainage Refuse-disposal plant. Park, grounds, etc.		503, 268 136, 629 216, 085	2	(2) (2) 185-691	1	NAN ÔĆ	All business under subcontract Heating and plumbing Heating and plumbing Plumbing Other classes ?	10  3 1 7	115, 041 115, 041 185, 533	<u> </u>	( <sup>2</sup> )	$\left\{ \begin{array}{c} 3\\1\\5\\5 \end{array} \right\}$	(2) 115, 041 115, 041 (3)
Flood control, irrigation, and Ind drainage	68 85 85	6, 192, 811	57 57 29 3 11	6, 073, 197 4, 222, 759 434, 064	2 6 6	(2) 119, 614 703, 829 82, 830	ELIZABETH All construction business Distribution not reported	65 3	8, 632, 871 332, 227	35	6, 256, 597	30 3	2, 376, 274 332, 227
Air transport work Other classes <sup>3</sup> All business under subcontract Distribution not reported	8 635 10	150, 350 6, 296, 212 53, 674, 696	2 41 75	3, 931, 647	13 560	2, 364, 565 51,884,819	Distributed by class of ownership Private Quasi-public or community Public Distribution not reported	62 61 8 17 3	4,760,253 1,339,392 2,200,999	lí 34)	6, 256, 597 2, 907, 832 1, 287, 636 2, 061, 129 427, 753	í 27	2, 044, 047 1, 852, 421 51, 756 139, 870 50, 000
Distributed by class Carpentering and wood flooring	616 47 61			1, 655, 027 345, 208 410, 873		51, 381, 841 1, 124, 025 2, 400, 948	Distributed by class of public ownership	14 5 8 7	1, 723, 246	7	1, 633, 376 } 1, 438, 035	7	
Electrical Heating and plumbing Heating and plumbing Pipe covering Plumbing Plumbing Plumbing and heating com-	101	15, 763, 375 8, 039, 154 1, 002, 147 5, 316, 906	i i	(2)	145 32 150	(2) 8, 039, 154 1, 002, 147 (2)	All business under general con- tract or directly for owners	49 45	7, <b>224, 8</b> 90 4, 631, 199	3 35 32	, 195, 341 6, 211, 232 4, 082, 972		:
bined Masonry	38 62 28 10	1,405,108 2,377,462 1,362,516 693,487	18		28	1 269 516	Building. Distribution not reported Distributed by class. Commercial. Educational	1 44 15	26, 044				26, 044 522, 183 45, 943
Plastering and lathing Roofing and sheet-metal work Roofing Sheet-metal work	30	867, 161 4, 073, 631 1, 674, 511 1, 526, 475	5	29, 102	25 60 67	693, 487 838, 059 4, 073, 631 1, 674, 511 1, 526, 475	Educational Hotel Hospital and institutional Rail and water transportation Manufacturing	44 15 2 1 1 8 1 2	254,058	( 2	(2)	{   	(1)
Storework.	15 29 17 37	872, 645 7, 988, 437 1, 582, 744 2, 497, 999	$\frac{1}{2}$	(2) (2)	15 28 15 37	872, 645	Manulacturing Military and naval Public: Courts, jails, otc Religious and memorial Besidential	8 1 2 8 34	$\left. \begin{array}{c} 366,847\\ 60,160\\ 219,524\\ 1545,814 \end{array} \right.$	$\int 1$	60, 160	$\begin{cases} \\ \\ 3 \\ 10 \end{cases}$	62, 789 17, 535 309, 830
Roofing and sheet-metal work. Roofing. Sheet-metal work. Roofing and sheet metal com- bined. Stonework. Marble and tiling. Wrecking. Excavating. Ornamental iron. Highway. Grading. Street naving.	51 16 3 9 3	26, 100 1, 732, 508 989, 462	 10 1 2	96, 038 (²) } 226, 692	41 15 1	26, 100 1, 636, 470 ( <sup>2</sup> )	Educational Educational Hospital and institutional Rail and water transportation Manufacturing Public: Courts, jails, etc. Religious and memiorial Residential Social and recreational Miscellaneous Highway and street Public works and utilities *	34 4 7 8 5 4		24 3 4 2 4 3	201, 989 1, 235, 984 ( <sup>2</sup> ) 1, 471, 743 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	10 1 3 1 1	309, 830 ( <sup>3</sup> ) 84, 334 ( <sup>2</sup> ) ( <sup>3</sup> ) ( <sup>2</sup> )
Street paving See footnotes at end of tab	-	108, 318	2	]	9 1	011,004							

# TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNER-SHIP AND BY TYPE OF WORK—Continued

	c	ONSTRUCTIO	N BU	SINESS REP	ORTE	 D ВҰ		· C	ONSTRUCTION	N BUS	INESS REPO	ORTE	D BY
		classes of olishments		neral con-		Subcon-		All	l classes of blishments		neral con- ractors 1		ubcon- ractors
CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	Number re-	Value	Number re- porting		Number re- porting	Value	CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	Number re-		Number re-	· · ·	Number re- porting	Value
ELIZABETH-Continued							NEWARK-Continued				· · · · ·		
All business under subcontract Electrical Heating and plumbing Plumbing Masonry Painting and decorating Glass and glazing Steel erection Ornamental iron <sup>11</sup> Other classes <sup>12</sup>	26 3 5 3 2 2 2 4 3			+		293, 125 68, 828 224, 297	All business under general con- tract or directly for owners Building. Distribution not reported Distributed by class.	136 120 (	\$54, 600, 889 35, 577, 101 763, 605 1 34, 813, 496 1 6, 655, 715	2			\$8, 196, 781 7, 794, 193 415, 250 7, 378, 943 2, 914, 017
	2 2 4 3 7	<pre>     117, 800     344, 575     163, 150     293, 246 </pre>	{   3	18, 051 	2 2 4 3 4	<pre>{ 117, 800     344, 575     163, 150     205, 932</pre>	Distributed by class Commercial Educational Hotel Manufacturing Military and naval Rubile: Courts, jalls, etc Roligious and memorial Social and recreational	6! 2! 1: 3	5 3, 647, 863 5 1, 196, 186	13 3 8 14	3, 088, 067 ( <sup>2</sup> ) 649, 407 2, 149, 216	5 16 2	559, 796 ( <sup>2</sup> ) 246, 024 1, 283, 442
JERSEY CITY All construction business	81	37, 663, 743	33 2	31, 866, 796	. 48	5, 796, 947 219, 283	Religious and memorial	1	5 773, 341		655,565 3,916,632	8 30	117,780
Distributed by class of ownership Private Quasi-public or community Public. Distribution not reported	6 75 67 24 34 5	37, 042, 434 28, 318, 569 3, 956, 795	I	31, 464, 770 24, 484, 879 3, 624, 981 3, 354, 910		5, 577, 664 3, 833, 690	Residential Social and recreational Miscollancous <sup>18</sup> . Highway and street. Railroad and ear line Public works and utilities Central station, light and power plant Sewage disposal and drainage. Water supply Other classes <sup>19</sup> . Alt transport work. Miscellancous, n. e. s.	2	0 1, 721, 926 9 2, 586, 287 5 457, 684 7 15, 148, 276 3 12, 409, 956	0 7 7 7 4 4 5 12	(1) 2 14, 963, 831		509, 744 (2) (2) 184, 945
Distributed by class of public ownership	29 1 9 10 19	1, 217, 594 476, 899	13 { 1 4	$\left. \begin{array}{c} 2,678,889 \\ 741,250 \\ 221,004 \end{array} \right.$		1, 317, 630 476, 344 255, 895	All business under subcontract	1	3 150, 350 7 681, 191 9 17, 612, 705	3 3 7 2 5	(2) 1,064,124	1 2 87	(2) (2) (3) (55, 909- (2) (2) (2) (2) (2) (2) (2) (2)
All business under general con- tract or directly for owners Distribution not reported		33, 915, 549 402, 026	33	31, 759, 350 402, 026	23	2, 156, 199	Distribution not reported Distributed by class Carpentering and woodflooring	88	1 40, 647 3 17, 572, 058 5 269, 029 1 740, 530	2	(2) (2)	1 86 4	(2)
Distributed by class. Building. Commercial Educational. Hotel. Manufacturing. Public: Courts, jails, etc. Religious and memorial. Residential Social and recreational. Main end water transportation. Miscellaneous. Public works and utilities <sup>13</sup> Other classes <sup>14</sup> All business under subcontract.	9 16 4 13 21 7 8	$\left.\begin{array}{c} 33, 613, 623\\ 29, 632, 452\\ 1, 152, 203\\ 2, 654, 448\\ \end{array}\right\}{2, 995, 223\\ 19, 596, 712\\ 108, 670\\ 408, 244\\ 1, 427, 693\\ 90, 049\\ 282, 952\\ 810, 258\\ 601, 137\\ 1, 371, 402\\ 1, 948, 442\\ \end{array}\right.$	$ \begin{array}{c} 31\\ 24\\ 14\\ 7\\4\\ 7\\ 11\\ 2\\ 15\\ 55\\ 4\\ 4\\ \end{array} $	31, 357, 324 27, 495, 256 965, 552 1, 900, 792 2, 942, 618 19, 480, 053 ( <sup>2</sup> ) 351, 171	$ \begin{array}{c} 23\\ 21\\ 11\\ 9\\ 1\\ 5\\ 9\\ 2\\ 6\\ 10\\ 5\\ 2\\ 8\\ 1\\ 1\\ 4\\ 4 \end{array} $	2, 156, 199 2, 037, 196 186, 651 753, 856 52, 605 116, 659 (2) 57, 073 287, 802 (2) (2) (2) (2) (2) (2) (2) (2)	Concreting Electrical Heating and plumbing Fipe covering Plumbing Nasorry Plastering and lathing Roofing and sheet-metal work Roofing sheet-metal work Steel erection Stonework Marble and tiling Wrecking Excavating Ornamental iron <sup>21</sup> Other classes <sup>22</sup>	18 20 22 23 8 4 4 4 24	3         1, 370, 000           7, 131, 001         4, 799, 432           5         892, 044           3         1, 439, 015           5         322, 045           5         322, 045           5         302, 044           1         1, 439, 015           5         322, 045           5         300, 337           5         146, 829           3         163, 538           1         8, 12, 243           3         763, 624           200, 280         205, 280           3         763, 624           2         718, 189		(3)	4 17 20 5 23 5 4 5	740, 536: (2) 7, 131, 001 4, 790, 432 892, 644 1, 439, 015 322, 645 59, 009 300, 367 146, 829 158, 538 1, 812, 243 703, 624 205, 280 243 718, 189 430, 744
Concreting and stonework	5	164,937	2	(2)	3		PATERSON	41	13, 414, 969	20	10.017.299	21	3 397 070
Heating and plumbing. Heating and plping <sup>18</sup> Plumbing Painting and decorating Glass and glazing Roofing and sheet-metal work Roofing Sheet-metal work	 7 5	463, 840 242, 086 221, 763 431, 595 503, 749 501, 398 126, 590	 		7 5 3	$\begin{array}{r} 463,849\\ 242,086\\ 221,763\\ 431,595\\ 502,740 \end{array}$	All construction business Distribution not reported Distribution by class of ownership Private Quasi-public or community Public Distribution not reported	2 39 36 10 17 8	13, 315, 980 10, 051, 492 1, 104, 411		10, 017, 299 7, 109, 842 924, 666	10	98, 989 3, 298, 681 2, 941, 650 170, 745 177, 286
Sheet-metal work Steel erection Marble, tiling, and plastering Wrecking Excavating Ornamental iron <sup>16</sup> Other classes <sup>17</sup>	3 4 1 2 3 4	351, 568 601, 020		(2)	8 4 1 2 3 2	351,568 601,020	Distributed by class of public ownership State County or township Municipal All business under general con-	14 2 5 10	} 1, 172, 172 585, 608	$\begin{bmatrix} 1\\ 3 \end{bmatrix}$	1,500,494 } 1,137,809 422,685	1 2 5	177, 286 } 34, 363 142, 923
NEWARK All construction business	205	72, 213, 594	81	46, 454, 260 258, 637	124 2	5, 759, 334	All business under general con- tract or directly for owners Distribution not reported		12, 225, 621 59, 571	20	9,914,045		2, 311, 576 59, 571
Distribution not reported Distributed by class of ownership. Private		72, 213, 594 512, 708 71, 700, 886 59, 850, 752 1, 505, 975 10, 344, 159 1, 080, 901		258, 637 258, 637 40, 195, 623 37, 827, 949 737, 888 7, 629, 786 820, 322			Distributed by class Bailding. Distribution not reported Distributed by class Commercial. Educational Hospital and institutional	33 27 2 25 14 8 6 12	12, 106, 050 8, 052, 284 97, 169 8, 555, 115 1, 674, 531 1, 140, 026 772, 902 2, 868, 724		9, 914, 045 6, 470, 279 6, 470, 279 1, 531, 159 1, 069, 225 (2) 2, 509, 366	13 13 2 11 7 4 4	2, 252, 005 2, 182, 005 97, 169 2, 084, 836 143, 872 71, 401 (2) 359, 368 42, 281 1, 385, 569 (2)
Distributed by class of public ownership	62 7 17 20 50	9, 263, 258 506, 041 578, 192 1, 740, 400 6, 438, 625	25 2 4 0 18	6, 809, 464 490, 266 1, 246, 403 5, 072, 795	5	593, 967	Hospital and Institutional Religious and memorial Residential Social and recreational Other classes <sup>28</sup> Other classes <sup>25</sup>	12 8 12 3 4 4 5	9, 169 8, 555, 116 1, 674, 531 1, 140, 626 772, 902 2, 868, 734 410, 661 1, 586, 122 28, 390 73, 149 3, 008, 469 505, 297	0 3 7 1 2 3 5	2, 509, 366 368, 380 197, 553 (2) (2) (2) 505, 297)	5 5 2 2 1	309, 308 42, 281 1, 388, 569 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )

# TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNER-SHIP AND BY TYPE OF WORK—Continued

	C	ONSTRUCTIO	N BU	SINESS REI	ORTE	D BY		co	NSTRUCTIO	N BU	SINESS REP	ORTE	D BY-
CLASS OF OWNERSHIP AND TYPE	All esta	classes of plishments		General con- tractors 1		Subcon- tractors	CLASS OF OWNERSHIP AND TYPE	All esta	classes of olishments	Ge	neral con- ractors <sup>1</sup>		ubcon- ractors
OF CONSTRUCTION WORK	Number re- porting	Value	Number re- porting	Value	Number re- porting	Value	OF CONSTRUCTION WORE	Number re- porting	Value	Number re- porting	Value	Number re- porting	Valus
PATERSON-Continued							TRENTON-Continued			].			
All business under subcontract Distribution not reported Heating and plumbing Heating and piping <sup>20</sup> Plumbing Roofing and sheet-metal work Sheet-metal work Other classes <sup>21</sup> TRENTON All construction business Distribution not reported Distributed by class of ownership		4,000 1,185,348 535,011 240,0300 171,108 479,139 17,800,504 345,958 17,454,636	2  2 25 1	(²) (²) (²) \$13, 533, 798 172, 958	$\begin{bmatrix} 2\\ 1\\ 4\\ 34\\ 1\\ \end{bmatrix}$	(2) 4, 266, 796 173, 000 4, 093, 796	Distributed by class—Continued. Distributed by class. Commercial. Educational. Hotel. Hospital and institutional. Public: Courts, jails, etc. Religious and memorial. Social and recreational. Other classes <sup>38</sup> . Highway and street. Public works and utilities <sup>10</sup> . Other classes <sup>30</sup> .	4 11 11 4 5	1, 987, 850 501, 375 315, 998 985, 482 822, 417 27, 525 185, 049 507, 172 238, 405	5 6 1 4 11 2 8 5 6 5 6	877, 637 732, 262 ( <sup>2</sup> ) 397, 863 ( <sup>2</sup> ) 141, 511 ( <sup>2</sup> ) ( <sup>2</sup> )	5 3 5 3 1 12 2 3 1 1 1	\$898, 883 79, 126 151, 868 (*) 845 90, 155 (*) 107, 845 90, 155 (*) 109, 300 (*) 187, 542 (*) 3, 202, 903 92, 147
Privide         Quasi-public or community         Public         Distribution not reported         Distributed by class of public         ownership	21 $41$ $22$ $39$ $4$ $30$ $19$ $19$ $43$ $1$ $43$ $1$ $42$ $31$	$\begin{array}{c} 1, 601, 051\\ 11, 301, 008\\ 68, 418\\ \hline \\ 11, 322, 590\\ 3, 429, 459\\ 1, 607, 623\\ 1, 225, 508\\ \hline \\ 14, 567, 871\\ \hline \\ 31, 683\\ 14, 530, 188\\ 6, 010, 037\\ \end{array}$	$ \begin{array}{c} 17\\ 3\\ 11\\ 10\\ 6\\ 25\\\\ 25\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 1$	<pre>7,648,677 1,401,883</pre>		(02, 550 1, 404, 705 08, 418 1, 396, 287 780, 782 265, 740 349, 765 1, 003, 833 31, 683	Distribution not reported Distributed by class Carpentering and wood flooring. Concreting Heating and plumbing Heating and pipe covering Plumbing Masonry and stone work Panting and decorating Roofing and sheet-metal work Roofing and sheet metal com- bined Sheet-metal work Steel erection <sup>31</sup> Marbie, tillng, and plastering Excavating Other classes <sup>32</sup>	6 8 5 5  4 4	3, 140, 576 115, 680 198, 370 463, 090 326, 135 136, 955 169, 511 109, 300 441, 593 281, 782 159, 811		(2) (2) (3)	30 2 5 	92, 147 3, 110, 816 ( <sup>4</sup> ) ( <sup>3</sup> ) 403, 000 326, 135 136, 955 ( <sup>2</sup> ) 109, 300 441, 593 281, 7821 165, 048 165, 048 84, 600 ( <sup>2</sup> )

<sup>1</sup> Includes operative builders.
 <sup>1</sup> Value omitted in order to avoid disclosing individual operations. The amounts omitted are however, included in the respective totals.
 <sup>1</sup> Value omitted in order to avoid disclosing individual operations. The amounts omitted are however, included in the respective totals.
 <sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Water power development, 1; Miscellaneous, 40; Subcontractors: Miscellaneous, 13.
 <sup>4</sup> Includes establishments reporting the following lines of work: General contractors: Bridge and culvert, 1; waterworks, 1; railroad, 1; and foundation, 1. Subcontractors, Public: Courts, is includes establishments reporting the following lines of work: General contractors: Religious and memorial, 1; social and recreational, 1. Subcontractors, Public: Courts, 1; alis, etc., 1; religious and memorial, social and recreational rail and water transportation, 1.
 <sup>6</sup> Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 2; dock, pier, retaining wall, 2; refuse disposa plant, 1; sewage disposal and drainage, 2; water supply, 2; Subcontractors: Refuse disposal plant, 1; miscellaneous, 1.
 <sup>8</sup> Includes establishments reporting the following lines of work: General contractors: Masonry, 1; excavating, 1. Subcontractors: Concreting, 1; electrical, 1; sheet matal, 2; excavating and grading, 1.
 <sup>8</sup> Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 2; dock, pier, retaining wall, etc., river and harbor improvement, 1; sewage disposal and drainage, 1. Subcontractors: Dock, pier, retaining wall, etc., river and harbor improvement, 1.
 <sup>9</sup> Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 2; dock, pier, retaining wall, etc., river and harbor improvement, 1.
 <sup>9</sup> Includes e

n. e. s., 1. <sup>10</sup> Includes 1 establishment reporting plumbing and heating combined.

1. 0 S, 1.
1. 10 Includes 1 establishment reporting plumbing and heating combined.
11 Includes 1 establishment reporting metal work, miscellaneous, n. e. s.
12 Includes establishments reporting the following lines of work: General contractors: Excavating, plastering, and lathing, 1; carpentering and wood flooring, 2. Sub contractors: Carpentering and wood flooring, 1; concreting, excavating, and rental of equipment, trucking, etc., 1; roofing, 1; sheet-metal work, 1.
13 Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 1; central station, light and power plant, 1; dock, pier, retaining wall, otc., 1; river and harbor improvement, 2.
14 Includes establishments reporting the following lines of work: General contractors: Railroad and car line, 1; miscellaneous, n. e. s., 3.
14 Includes 1 establishment reporting pipe covering and 1 reporting plumbing and heating combined.
14 Includes 1 establishment reporting the following lines of work: General contractors: Carpentering and wood flooring, 1; street paving, 1.
14 Includes 1 establishment reporting the following lines of work: General contractors: Carpentering and wood flooring, 1; street paving, 1.
14 Includes 1 establishment reporting the following lines of work: General contractors: Carpentering and wood flooring, 1.
15 Includes establishment reporting the following lines of work: General contractors: Carpentering and wood flooring, 1.
16 Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 2; refuse disposal plant, 1; park grounds, etc., 1; river and harbor improvements, 1; telephone line and system, 1; and miscellaneous, 1.
16 Includes establishments reporting plumbing and heating combined.
17 Includes establishments reporting netal work, miscellaneous, 1.
18 Includes establishments reporting the following lines of work:

river, harbor, 1. <sup>29</sup> Includes establishments reporting the following lines of work: General contractors: Miscellaneous, 1; public courts, jails, etc., 1. Subcontractors: Miscellaneous, 1;

<sup>1</sup> Includes establishments reporting the following lines of work: General contractors: Miscellaneous, 1; public courts, jails, etc., 1.
<sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 1; bridge, tunnel, etc., and sewage disposal, 1; sewage disposal and water supply, 1; subcontractors: Miscellaneous, n. e. s., 1; highway and street, 3; railroad and car line, 1.
<sup>3</sup> Includes establishments reporting the following lines of work: Miscellaneous, n. e. s., 1; highway and street, 3; railroad and car line, 1.
<sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Concreting, 1; masonry, 1. Subcontractors: Carpentering and wood flooring, 1; electrical, 2; wrecking, and excavating, 1.
<sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Military and naval, 1; air transport, 1; rail and water transportation, 1; miscellaneous, 5. Subcontractors: Miscellaneous, 8.
<sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 3; bridge, tunnel, and sewage disposal, 1; miscellaneous, 5. Subcontractors: Miscellaneous, 8.
<sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 3; bridge, tunnel, and sewage disposal, 1; water supply and miscellaneous, 1.
<sup>3</sup> Includes establishments reporting the following lines of work: Miscellaneous, 1.
<sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Bridge, tunnel, etc., 3; bridge, tunnel, and sewage disposal, 1; water supply and miscellaneous, 1.
<sup>3</sup> Includes establishments reporting the following lines of work: Miscellaneous, n. e. s., 3; water-power development, 1; railroad and car line, 1.
<sup>3</sup> Includes establishments reporting the following lines of work: General contractors: Railroad, 1; rental of equipment, trucking, etc.,

#### TABLE 3-CONSTRUCTION BUSINESS DURING 1929, BY LOCATION

		1									
CLASSIFICATION OF ESTABLISHMENTS	Establishments reporting	Total	In home city	In home State	Outside home State	CLASSIFICATION OF ESTABLISHMENTS	Establishments reporting	Total	In home city	In home State	Outside home State
NEW JERSEY	1, 449	\$281,704,401	\$112,230,985	\$237,424,584	\$44,279,817	JERSEY CITY	81	\$37, 663, 743	\$11, 487, 694	\$18, 135, 206	\$19,528,537
Operative builders	31	6, 926, 244	5, 742, 339	6, 926, 244		General contractors 6	33	31, 866, 796	8, 501, 397	13,073,397	18, 793, 399
General contractors. Building Building not specialized Commercial building only. Manufacturing building	701 505 292 25		69, 258, 906 49, 949, 392 36, 819, 512 1, 352, 758			General contractors 6 Building 6 Street paving Other classes <sup>10</sup> Subcontractors Concreting and stone work Floring	24 4 5 48 4 5	684, 972 2, 298, 888	0, 614, 400 006, 038 1, 280, 959 2, 986, 297 378, 614 164, 018	10, 762, 848 684, 972 1, 625, 582 5, 061, 809 434, 707 262, 013	673, 306 735, 138
only Residential building only Highway Bridge and culvert Grading Street paving Sewer, gas, water, conduit 1 Waterworks Dredging, river, harbor, etc Railroad Foundation Other classes 2		23, 293, 810 9, 790, 696 2, 055, 553 9, 521, 579 9, 179, 685 1, 248, 194 2, 281, 721 2, 501, 582	4, 334, 485 1, 725, 980 310, 633 62, 500 967, 173	3, 200, 962 16, 681, 827 22, 845, 652 7, 544, 008 1, 499, 425 9, 487, 236 6, 404, 003 883, 732 2, 057, 037 2, 351, 212 141, 205	2 775 682	Subcontractors Concreting and stone work Electrical Heating and plumbing Plumbing Plumbing Glass and glazing Roofing and sheet-metal work. Steel erection Marble, tiling, and plastering. Other classes 14	4 5	$\begin{array}{c} 1,773,248\\ 874,011\\ 899,237\\ 568,622\\ 523,229\\ 415,716\\ 651,210\\ 601,020\\ \end{array}$	1, 154, 520 319, 846 834, 674 242, 209 135, 904 189, 027 47, 374 477, 486 197, 145 25, 572, 661	1, 761, 023 861, 786 899, 237 425, 436 414, 451 272, 622 463, 205 545, 117 483, 145 62, 507, 347	12, 225 12, 225 143, 186 108, 778 143, 094 187, 015 55, 903 84, 037
Other classes 2	8	16, 584, 212	3, 147, 820	10, 302, 087	221, 525	Operative builders	3			976, 682	
Subcontractors Carpentering and wood floor- ing Concreting Electrical Heating and plumbing Heating and plping Pipe covering Plumbing and heating com- bined Masoury	717 32 16 84 306 05 3 153	2, 222, 789 2, 535, 614 6, 304, 270 29, 028, 093	1, 759, 519 811, 953 4, 733, 387	2, 222, 789 2, 421, 614 6, 158, 164	114,000	General contractors Building Commercial building only Residential building only Street paving and highway Sewer, gas, water, conduit <sup>1</sup> Other classes <sup>18</sup>	77 63 39 9 15 5 4 5 123	43, 807, 587 22, 890, 135 13, 083, 260 7, 889, 853 1, 917, 022 2, 665, 976 1, 539, 149 16, 802, 327	$\begin{array}{c} 9,447,149\\ 7,893,867\\ 752,265\\ 801,017\\ 972,810\\ 237,203\\ 2,992,678\end{array}$	42, 507, 221 22, 288, 204 12, 481, 410 7, 880, 853 1, 917, 022 2, 665, 976 972, 149 16, 580, 802	567,000 221,525
Painting and decorating Glass and glazing. Plastering and lathing. Roofing and sheet-metal	34 8 14	4, 771, 363 2, 867, 808 1, 998, 999 767, 723 931, 715 4, 966, 861	1, 220, 042 259, 123 508, 538	643, 945 925, 435	186, 208 123, 778 6, 280 871, 691	Subcontractors. Carpontering and wood floor- ing. Electrical Heating and plumbing. Plumbing. Plumbing and heating com- Plumbing and heating com-	7 25 50 17 30	336, 802 2, 580, 046 10, 440, 468 6, 873, 239 3, 382, 847	336, 802 2, 032, 289 3, 732, 851 1, 355, 468 2, 210, 104	330, 802 2, 509, 606 7, 273, 183 8, 705, 954 3, 382, 847	79, 440 3, 167, 285 8, 167, 285
work Roofing Sheet-metal work Roofing and sheet metal combined Steel erection Stonework Marble and tilling Excavating Ornamental iron Grading <sup>3</sup> Metal work, n. e. s. <sup>4</sup> Flooring, n. e. s Other classes <sup>5</sup>	68 32 21 15 22 8 36 17 4	2, 969, 756 1, 886, 418 398, 962	748, 505 2, 667, 255 546, 848	1, 659, 072 1, 091, 103 5, 798, 271 770, 312 2, 593, 126	139, 695 221, 371 10, 625 7, 071, 089 872, 010	hind Masonry and concreting Painting and decorating Roofing and sheet-motal work. Steel erection Stonework Marble and tiling Exceavating Other classes <sup>18</sup>	363753845	$184, 382 \\1, 060, 095 \\239, 954 \\508, 701 \\4, 924, 660 \\763, 624 \\437, 183 \\689, 865 \\3, 666, 780 \\$	167, 279 496, 818 116, 400 347, 992 969, 725 373, 624 296, 373 404, 805 2, 755, 073		390, 000
Grading <sup>3</sup> Metal work, n. e. s. <sup>4</sup> Flooring, n. e. s Other classes <sup>5</sup>	10 6 4 4	769, 689 6, 224, 259 703, 812 615, 697	a 285, 330 a	754, 842 4, 109, 376 486, 254 615, 697	14, 847 2, 114, 883 217, 558	PATERSON General contractors Building Building not specialized Residential building only Highway and street paving Other classes <sup>17</sup>	20 14 11	13, 414, 969 10, 017, 299 6, 557, 484	8, 439, 592 2, 008, 433 1, 851, 117	9, 798, 328 7, 744, 266 6, 218, 451 6, 072, 207	3, 616, 641 2, 273, 033 339, 033 339, 033
CAMDEN	26	2, 774, 918	991, 888	2, 654, 901	120, 017	Residential building only Highway and street paving	8 3	6, 411, 240 146, 244 390, 346	146, 244 4, 657	146, 244 390, 346	
General contractors <sup>6</sup> Building <sup>6</sup>	12	1, 018, 643 931, 879	539, 288 407, 917 131, 371 452, 600	1, 823, 079 804, 436 1, 018, 643 831, 822	100. 057	Subcontractors Electrical Heating and plumbing Plumbing Plumbing and heating com- bined Beaching and sheet motel work	3 21 3 11 5	3, 069, 469 3, 397, 670 345, 266 1, 007, 498 523, 300	152, 659 1, 431, 159 229, 652 640, 603 331, 856	1, 135, 469 2, 054, 062 345, 266 995, 890 515, 300	1,343,608
Electrical Heating and plumbing Other classes <sup>8</sup>	3 4 5	239, 943 261, 503 430, 433	173, 597 74, 615 204, 388	184, 863 261, 503 385, 456		1 Trooming and shoes motal work-	6 3	484, 198 232, 156	308, 747 159, 929	480, 590 217, 711	3, 608 14, 445
ELIZABETH	64	8, 468, 852	3, 828, 416	7, 548, 416	919, 936	Other classes <sup>18</sup> TRENTON	4 57	1, 812, 750 17, 478, 918	400, 975 12, 693, 022	495, 195 16, 969, 484	1, 317, 555 509, 484
General contractors <sup>4</sup> Building Building not specialized <sup>6</sup> Residential building only Other classes <sup>6</sup>	35 31 19 12 4	6, 256, 597 4, 153, 756 3, 371, 814 781, 942 2, 102, 841		5, 361, 918 3, 272, 886 2, 490, 944 781, 942	894, 679 880, 870 880, 870	General contractors 6 Building 6 Street paving and highway Other classes 10	24 15 5 4 33	13, 360, 840	10, 125, 851 3, 673, 512 814, 204 5, 638, 135 2, 567, 171	12, 981, 736 4, 970, 378 1, 537, 397	379, 104 42, 289 336, 148 667
Subcontractors Electrical Heating and plumbing Plumbing Plumbing and heating com-	29 3 10 6 4	2, 102, 841 2, 211, 755 178, 034 446, 708 281, 803 164, 905	$1,282,305 \\ 126,234 \\ 420,124$	2, 186, 498 178, 034 446, 708 281, 803	25, 257	Subcontractors Concreting <sup>30</sup> Heating and plumbing Plumbing <sup>13</sup> Roofing and sheet-metal work. Sheet-metal work. Roofing and sheet metal	3 5 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8	448, 175 1, 018, 293 916, 735 101, 558 564, 141 206, 040	301, 160 478, 369 410, 729 67, 640 395, 698 172, 650	383, 429 979, 422 878, 864 100, 558 563, 641 205, 540	130, 380 64, 746 38, 871 37, 871 1, 000 500
bined Painting, decorating, and glazing	6 4 6	273, 623 787, 576 525, 814		258, 023 787, 576	15, 000	Roofing and sheet metal combined Marble and tiling Flooring, n. e. s <sup>21</sup>	3 3 4 7	358, 101 229, 353 373, 147 1, 484, 969	223, 048 186, 058 127, 120 1, 078, 766	358, 101 224, 770 373, 147 1, 463, 289	

Other cludes international international and power plant; and miscellaneous, n. e. s.
 Includes central station, light and power plant; and miscellaneous, n. e. s.
 Includes lighway and street paving.
 Includes bevator construction.
 Includes sewer, gas, water, and conduit; dam and reservoir; dredging, river, harbor, etc.
 Includes lighway; sewer, gas, water, and conduit; waterworks; and dredging, river, harbor, etc.
 Includes concreting; street paving; and sheet metal.
 Includes concreting; street paving; and sheet metal.
 Includes concreting; street paving; and sheet metal.
 Includes concreting; street paving; and sheet metal.

harbor, etc. <sup>10</sup> Includes ornamental iron; and metal work, miscellaneous, n. e, s. <sup>11</sup> Includes carpentering and wood flooring; masonry; roofing; sheet metal; and excavating.

<sup>12</sup> Includes bridge and culvert; dredging, river, harbor, etc.; railroad; and cen tral station, light and power plant.
 <sup>13</sup> Includes bridge and culvert; dredging, river, harbor, etc.; railroad; and cen tral station, light and power plant.
 <sup>14</sup> Includes carpontering and wood flooring; excavating; ornamental iron.
 <sup>15</sup> Includes railroad; foundation; central station, light and power plant; and miscellaneous, n. e. s.
 <sup>16</sup> Includes bridge and culvert; and sewer, gas, water, conduit.
 <sup>17</sup> Includes bridge and culvert; sewer, gas, water, conduit.
 <sup>18</sup> Includes bridge and culvert; sewer, gas, water, conduit; and railroad.
 <sup>29</sup> Includes bridge and culvert; sewer, gas, water, conduit; and railroad.
 <sup>20</sup> Includes printing and decorating.
 <sup>21</sup> Includes carpontering and wood flooring; electrical: steel erection; excavating and sewer, gas, water, conduit.

.

# TABLE 4.--CONSTRUCTION BUSINESS OUTSIDE HOME STATE, BY LOCATION

	LOCATI	ON REPORTED	вү—		LOCATI	ON REPORTED	вт
STATE OR COUNTRY	All classes of establish- ments	General contractors	Subcon- tractors	STATE OR COUNTRY	All classes of establish- ments	General contractors	Subcon- tractors
NEW JERSEY				JERSEY CITY-Continued		187	
otal distributed by State or country 1	\$44, 279, 817 4, 000	\$29, 212, 063 4, 000	\$15, 067, 754	Total distributed by State or country— Continued. Illinois	\$2, 347, 000	\$9.247.000	
California	2, 571, 092	2, 571, 092		Louisiana	767,000	767,000	
Colorado	1,210,259 1,452,295	1, 210, 259 1, 223, 303 55, 900	228, 992	a second and	172,000	172,000	
Connecticut Delaware District of Columbia Florida Uisole	116, 987	55,900	61.087	Maryano Miasouri New York Now York	119,974 9,000	119,974	
District of Columbia	3,860		3,860	Missouri	2, 428, 200	1 810 759	\$617, 44
Florida	699		699 582,000	New York	3,000	3,000	
	2,929,000	2, 347, 000 767, 000	082,000			60,000	
Toniciono	767,000 9,588	101,000	9, 588	Oklahoma	141,000	141,000	
Maine Maryland Massachusetts	559.347	172, 733	386, 614	Pennsylvania South Carolina	474,000	474,000	
Massachusetts	559, 347 387, 104	210,000	177, 104	South Carolina	40,066 6,281,000	40,000	
		119, 974	6, 197	Texas Virginia	17 000	1 17 (00)	
Michigan Missouri New Hampshire New York North Carolina	9,000	9,000	38, 606	Virgina West Virginia. Other States, n. s. Canada Cuba, Bermuda, and West Indies. Argentina. United Kingdom.	36,000	1 36.000	
New Hampshire	38,606	5 609 811	10, 977, 512	Other States, n. S	55, 903		1 00.90
New York	16, 580, 323 1, 937, 000	5, 602, 811 1, 937, 000 60, 000 141, 000	10, 011, 012	Canada	2,000	2,000	
		60,000	9,109	Cuba, Bermuda, and West Indies	3,779,000	3,779,000	
Orlahoma	141.000	141,000		Argentina	65,000 53,000		
		1, 428, 554	2, 111, 539 24, 902	Asia Minor	255,000	255 000	
Rhode Island	24,902	10 000	24,902	Tamon	347,000	347,000	
South Carolina	40, 666 6, 281, 000	40,666 6,281,000		Foreign, n. S	48, 510		48, 51
Texas Virginia		33, 815	61,845 33,405 306,185		1.1.1		1
West Virginia	72, 204	38,709	33,405	NEWARK		and the second second	1
Other Otherson n. D.	1 848 950	342,074	306, 185	Total distributed by State or country 4	8,024,100	1, 390, 366	6, 633, 73
Canada Canada Cuba, Bermuda, and West Indies Argentina	2,000	2,000		Connecticut		1, 390, 366 415, 000	5,20
Cuba, Bermuda, and West Indies	3, 779, 000 65, 000	65 000		District of Columbia	3,860		3,86
Argentina	73,000	73,000		Tillinois	582,000		582,00
V 80020018	53,000	53,000		Maryland	40,343 6,197	733	6,1
Argenena Venezuela United Kingdom Asia Minor	255,000	255,000		Michigan New York	5, 357, 712	886, 307	
		347,000	48, 510	li Obio	I 0.834	886, 307	4, 471, 40 6, 8 1, 507, 5 11, 1
Foreign, n, s	90, 593	42, 083	48, 010	Pennsylvania	1, 507, 511		1, 507, 5
CAMDEN			· · · ·	Virginia	11, 115		- 11,1
	1			Pennsylvania Virginia Other States, n, s	15, 326	15,326 73,000	
Total distributed by State 1	120,017	19, 960		Venezuela	73,000	1 10,000	
Total distributed by State <sup>4</sup> Delaware Maina New York Pennsylvania	238 497			PATERSON			
Maine	497		476				1 040 0
New York	118,806	19,960		Total distributed by State <sup>4</sup>	3, 616, 641	2, 273, 033	
rennsylvania				Connecticut	77,450	109, 921	1, 329, 1
ELIZABETH			1.1.1	New York	. 1,400,001	1, 934, 000	1,020,12
· · · · · · · · · · · · · · · · · · ·	010.000	894.679	25, 257	Donneylyonia	151.662	151,662	
Total distributed by State 3	919,936		20, 201	Other States, n. s	14, 445		
Connecticut	210,000	210,000				1 · ·	
Marry Manle	403 036	378, 679	25, 257	TRENTON		1	
Pennsylvania	220,000			matel distributed by State 7	509, 484	379,104	130, 3
				Total distributed by State 7	37.871		37,8
JERSEY CITY				Delaware	11,000		11,0
Total distributed by State or country 4_	19, 528, 537	18, 793, 399	735, 138	Delaware Massachusetts	4,471	379, 104	- 4, 4
Alabama	4,000	4,000			- 500		
California	1,941,000	1, 941, 000	1	I Ohio			73.5
Connecticut	80, 284	67,000	13,284	Pennsylvania Other States, n. s.		575,104	2, 2 73, 2 1, 0
Delaware	2,000	2,000		Other States, it Same	-1 -1,000	1	1

Number of establishments reporting: 1 All classes, 125—General contractors, 55; subcontractors, 70. 2 All classes, 4. 3 All classes, 6. 4 All classes, 16—General contractors, 8; subcontractors, 8. 4 All classes, 16—General contractors, 4; subcontractors, 8. 5 All classes, 17—General contractors, 4; subcontractors, 13. 6 All classes, 14—General contractors, 5; subcontractors, 9. 7 All classes, 14—General contractors, 5; subcontractors, 9.

 $\frac{1}{2} \frac{1}{2} \frac{1}$ 

### TABLE 5.--NUMBER AND SALARIES OF PROPRIETORS, FIRM MEMBERS, AND SALARIED EMPLOYEES, 1929

				, ORS AND EMBERS	[			SALAR	ied em	PLOYEES				
CLASSIFICATION OF ESTABLISHMENTS	Estab- lish- ments report-	Re- ceiv- ing	R	eceiving salaries		salaried ployees		icers and rical staff		intendents, men, etc.	Num	ber repo by sex	orted,	Sex
	ing	no sal- ary	Num- ber	Total annual salaries	Total num- ber	Total annual salaries	Num- ber	Total annual salaries	Num- ber	Total annual salaries	Total	Malo	Fe- male	not re- ported
NEW JERSEY	1, 421	686	462	\$1, 666, 109	4, 430	\$14, 434, 981	2, 541	\$8, 582, 381	1, 889	\$5, 852, 600	3, 910	3, 275	635	520
Operative builders		17	3	6, 188	94	301, 617	48	211, 830	46	<u>8</u> 9, 787	93	87	-6	1
General contractors. Building Building not specialized. Commorcial building only. Manufacturing building only. Residential building only. Highway. Bridge and culvert. Grading. Street paving Sewer, gas, water, conduit. Waterworks. Dredging, river, harbor, etc Railroad. Foundation. Other classes 1.	$ \begin{array}{c} 486\\288\\21\\5\\172\\64\\12\\11\\48\\35\\9\\9\\7\\3\\3\\3\end{array}\right) $	$\begin{array}{c} 318\\ 259\\ 132\\ 10\\ 2\\ 115\\ 17\\ 2\\ 4\\ 21\\ 1\\ 2\\ 1\\ 1\\ 2\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\end{array}$	186 130 86 8 12 1 5 18 9 4 1 5	666, 838 436, 494 290, 521 81, 784 	$\begin{array}{c} 2,700\\ 1,332\\ 1,008\\ 44\\ 71\\ 209\\ 431\\ 135\\ 48\\ 145\\ 163\\ 78\\ 64\\ 50\\ 2\\ 252\end{array}$	$\begin{array}{c} 9, 181, 940\\ 4, 640, 933\\ 3, 544, 606\\ 1389, 082\\ 360, 381\\ 605, 864\\ 1, 349, 028\\ 450, 049\\ 220, 403\\ 537, 843\\ 504, 278\\ 231, 359\\ 223, 1359\\ 2278, 111\\ 208, 888\\ 4, 490\\ 740, 958\\ \end{array}$	$ \begin{smallmatrix} 1, \ 307 \\ 678 \\ 510 \\ 28 \\ 12 \\ 128 \\ 202 \\ 52 \\ 23 \\ 76 \\ 67 \\ 266 \\ 33 \\ 22 \\ 1 \\ 127 \\ 127 \\ 127 \\ 127 \\ 100 \\ $	$\begin{array}{c} 4,843,346\\ 2,406,097\\ 1,931,480\\ 77,957\\ 68,079\\ 387,681\\ 765,877\\ 214,124\\ 158,783\\ 344,458\\ 240,600\\ 98,197\\ 147,181\\ 100,349\\ 91,550\\ 302,124 \end{array}$	$\begin{array}{c} 1,393\\ 654\\ 498\\ 16\\ 59\\ 81\\ 229\\ 83\\ 25\\ 69\\ 90\\ 52\\ 81\\ 28\\ 1\\ 125\\ 125\\ \end{array}$	4, 333, 594 2, 183, 836 1, 613, 125 291, 402 218, 183 583, 751 235, 925 67, 625 67, 625 193, 385 63, 672 133, 162 133, 162 133, 162 133, 162 133, 162 133, 162 133, 162 133, 162 133, 162	$\begin{array}{c} 2,420\\ 1,172\\ 901\\ 27\\ 71\\ 173\\ 401\\ 135\\ 48\\ 119\\ 125\\ 70\\ 51\\ 50\\ 2\\ 247\\ \end{array}$	$\begin{array}{c} 2, 139\\ 1, 001\\ 773\\ 22\\ 67\\ 139\\ 360\\ 128\\ 44\\ 110\\ 112\\ 62\\ 44\\ 43\\ 2\\ 233\\ \end{array}$	$281 \\ 171 \\ 128 \\ 5 \\ 4 \\ 41 \\ 7 \\ 4 \\ 9 \\ 13 \\ 8 \\ 7 \\ 7 \\ 14 \\ 14$	280 160 107 17 36 30  26 38 8 8 13  5
Subcontractors. Carpentering and wood flooring Concreting Electrical. Heating and plumbing Plumbing Plumbing and heating combined Masoury. Planting and decorating Plast and glazing Plast string and lathing Roofing and sheet-metal work. Roofing and sheet metal combined Steel arction Stoed veretion Stoed veretion Stonework. Marble and tiling Conamental iron <sup>3</sup> . Grading <sup>4</sup> . Metal work, n. e. S Plots classes <sup>4</sup>	701 30 16 81 301 63 3 151 84 45 33 8 8 8 8 8 13 06 31 20 0 15	351 21 4 26 120 14 60 27 23 5 5 3 83 71 6 6 1 3 12 12 19 9	273 12 29 143 20 143 20 16 17 77 89 16 17 2 21 9 9 3 5 22 7 8 21 9 9 3 5 22 7 8 9 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 143 10 17 10 143 10 17 10 143 10 10 10 10 10 10 10 10 10 10 10 10 10	993, 083 28, 050 9, 680 102, 829 517, 035 517, 037 135, 809 22, 200 276, 037 135, 809 25, 588 94, 087 40, 808 36, 432 9, 657 9, 657 43, 400 5, 200 24, 218 10, 540 	$\begin{array}{c} 1, 636\\ 277\\ 55\\ 1900\\ 625\\ 2611\\ 28\\ 235\\ 111\\ 42\\ 28\\ 300\\ 27\\ 11\\ 192\\ 92\\ 49\\ 511\\ 169\\ 211\\ 766\\ 49\\ 80\\ 20\\ 34\\ 27\\ 21\\ \hline \end{array}$	$\begin{array}{c} 4,961,424\\ 120,731\\ 105,302\\ 658,927\\ 1,780,860\\ 731,193\\ 99,025\\ 646,884\\ 303,758\\ 139,001\\ 71,704\\ 91,102\\ 20,800\\ 500,548\\ 198,771\\ 150,578\\ 142,199\\ 108,771\\ 150,578\\ 142,238\\ 133,010\\ 91,053\\ 94,105\\ 94,288\\ 58,294\\ 101,947\\ 88,588\\ \end{array}$		$\begin{matrix} 3, 622, 205\\ 108, 810\\ 122, 119\\ 423, 834\\ 1, 220, 292\\ 392, 344\\ 85, 647\\ 405, 844\\ 246, 457\\ 105, 441\\ 246, 457\\ 105, 441\\ 20, 015\\ 374, 976\\ 374, 976\\ 374, 976\\ 394, 281\\ 394, 281\\ 394, 281\\ 394, 281\\ 394, 281\\ 394, 281\\ 394, 281\\ 394, 281\\ 394, 281\\ 394, 281\\ 50, 5142\\ 255, 142\\ 55,$	$\begin{array}{c} 450\\ 6\\ 16\\ 42\\ 167\\ 106\\ 106\\ 38\\ 19\\ 11\\ 3\\ 7\\ 3\\ 8\\ 30\\ 9\\ 58\\ 7\\ 8\\ 30\\ 9\\ 58\\ 7\\ 8\\ 25\\ 11\\ 11\\ 1\\ 1\\ 7\\ 12\\ 14\\ 5\\ \end{array}$	$\begin{matrix} 1, 429, 210\\ 20, 812\\ 43, 243\\ 135, 593\\ 560, 593\\ 338, 849\\ 13, 378\\ 151, 040\\ 57, 301\\ 33, 582\\ 151, 040\\ 57, 301\\ 28, 850\\ 0, 704\\ 125, 572\\ 83, 234\\ 23, 675\\ 18, 763\\ 223, 448\\ 33, 900\\ 26, 920\\ 57, 618\\ 35, 911$	1, 397 27 53 273 234 209 203 204 87 306 204 87 306 204 21 10 135 60 20 22 22 44 44 44 44 44 44 44 150 122 23 23 22 24 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	1,049 23 44 119 401 179 15 149 68 25 18 8 99 51 16 6 6 82 32 128 43 26 82 128 16 18 99 27 16	$\begin{array}{r} 348\\ 4\\ 9\\ 57\\ 142\\ 50\\ 85\\ 29\\ 11\\ 3\\ 8\\ 229\\ 11\\ 3\\ 8\\ 2\\ 30\\ 12\\ 31\\ 2\\ 17\\ 6\\ 5\\ 2\\ 7\\ 8\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\ 3\\$	239 2 14 82 22 22 24 6 9 8 1 57 23 27 7 7 7 7 7 9 8 8 8 8 8 8 8 8 8 8 8 8 8
CAMDEN	27	10	10	35, 895	. 96	252, 751	46	127, 863	50	124, 888	79	. 67	12	17
General contractors <sup>6</sup> Building <sup>6</sup> Highway Other classes <sup>6</sup>	15 9 3 3	7 5 1 1	6 4 2	22, 000 14, 200 7, 800	61 17 22 22	105, 542 53, 646 44, 806 67, 090	20 9 3 8	59, 204 30, 506 3, 521 25, 177	41 8 19 14	106, 338 23, 140 41, 285 41, 913	61 17 22 22	54 13 21 20	7 4 1 2	
Subcontractors Electrical Heating and plumbing Other classes 7	12 3 4 5	8 1 2	4 2 2	13, 895 7, 707 6, 188	35 1 15 19	87, 209 1, 500 34, 128 51, 581	26 1 12 13	68, 659 1, 500 28, 146 39, 013	9 	18, 550 5, 982 12, 568	18 1 13 4	13 1 9 3	5 	17 2 15
ELIZABETH	61	33	18	65, 584	161	437, 724	108	290, 192	53	147, 532	141	120	21	20
General contractors <sup>5</sup> Building Building not specialized <sup>5</sup> Residential building only Other classes <sup>8</sup>	34 30 19 11 4	16 15 7 8 1	6 6 3 3	16, 838 16, 838 7, 271 9, 567	93 71 68 3 22	$\begin{array}{r} 282,997\\ 195,847\\ 189,887\\ 5,460\\ 87,650\end{array}$	63 49 46 3 14	179, 823 119, 583 114, 123 5, 460 60, 240	30 22 22 8	103, 174 75, 704 75, 764 27, 410	85 63 61 2 22	74 56 54 2 18	$ \begin{array}{r} 11\\ 7\\ 7\\ 4 \end{array} $	8 8 7 1
Subcontractors Electrical Heating and plumbing Painting, decorating, and glazing Steel erection Other classes %	27 3 8 5 3 8	17 3 4 7 8	12 5 1 1 5	48, 746 16, 831 5, 000 4, 611 22, 304	68 7 7 4 12 88	$154,727 \\ 21,621 \\ 21,442 \\ 7,680 \\ 33,530 \\ 70,454$	45 5 6 3 7 24	110, 369 15, 589 17, 542 6, 180 17, 670 53, 388	23 2 1 1 5 14	44, 358 6, 032 3, 900 1, 500 15, 860 17, 066	56 7 6 4 12 27	46 5 4 4 10 23	10 2 2 2 4	12 1 1 11
JERSEY CITY	78	22	19	74, 781	849	1, 396, 834	186	756, 457	163	640, 377	317	271	46 19	32
General contractors <sup>3</sup> Building <sup>5</sup> Street paving Other classes <sup>10</sup>	33 24 4 5	10 9 1	7 6 1	24, 160 18, 960 5, 200	211 162 22 27	897, 318 695, 572 73, 110 128, 636	79 51 9 19	360, 352 224, 800 34, 500 101, 052	182 111 13 8	536, 966 470, 772 38, 610 27, 584	199 152 22 25	180 141 20 19	19 11 2 6	12 10 2
Subcontractors Concreting and stone work Electrical Heating and plumbing Heating and plumbing 'I Plumbing Roofing and decorating Glass and glazing Roofing and sheet-metal work Steel erection Marble, tilling, and plastering Other classes 'I Sag footnotes et and of table	45 45 12 7 5 4 4 5 3 5 5 4 5 3 5	12 1 3 1 2 2 1 1 1		50, 621 8, 960 11, 140 13, 031 13, 031 14, 690 3, 900 3, 900 	138 11 5 37 15 22 9 18 17 12 11 18	$\begin{array}{c} 499, 516\\ 37, 673\\ 15, 280\\ 124, 358\\ 41, 776\\ 82, 582\\ 23, 498\\ 71, 348\\ 44, 740\\ 86, 980\\ 42, 480\\ 53, 159\\ \end{array}$	107 9 5 30 12 18 9 13 10 12 10 9	$\begin{array}{c} 396, 105\\ 28, 509\\ 15, 280\\ 100, 728\\ 33, 278\\ 67, 450\\ 23, 498\\ 52, 568\\ 23, 713\\ 86, 980\\ 38, 480\\ 26, 349\end{array}$	31 2 7 3 4 5 7 1 9	103, 411 9, 164 23, 630 8, 498 15, 132 18, 780 21, 027 4, 000 26, 810	118     11     5     80     8     22     6     16     13     12     9     16     16     1	91 10 5 24 6 18 5 9 10 9 7 12	27 1 2 4 1 7 3 3 2 4	20 7 7 3 2 4 2 2

See footnotes at end of table.

f

.

# TABLE 5.—NUMBER AND SALARIES OF PROPRIETORS, FIRM MEMBERS, AND SALARIED EMPLOYEES, 1929— Continued

				DRS AND MBERS				SALAR	IED EMI	PLOYEES				<del>.                                    </del>
CLASSIFICATION OF ESTABLISHMENTS	Estab lish- ments report-	Re- ceiv-		ceiving alaries		salaried ployees		cers and ical staff		ntendents, nen, etc.		ber repo by sex	rtod,	Sex
te de la construcción de la constru La construcción de la construcción d	ing	ing no sal- ary	Num- ber	Total annual salarics	Total num- ber	Total annual salaries	Num- ber	Total annual salaries	Num- ber	Total annual salaries	Total	Male	Fe- male	not port
NEWARK	193	43	52	\$204, 221	1, 055	\$3, 602, 352	618	\$2, 068, 313	437	\$1, 534, 039	988	818	170	
perative builders	`3	 			8	48, 992	6	44, 992	2 273	4, 000 974, 343	8 535	7 470	1 65	· · · · ·
leneral contractors. Building Building not specialized Commercial building only Residential building only Street paving and highway Sewer, gas, water, conduit <sup>13</sup> Other classes <sup>14</sup>	72 59 37 8 14 5 4 4	$     \begin{array}{r}       12 \\       10 \\       4 \\       2 \\       4 \\       1 \\       1     \end{array} $		43, 617 33, 617 25, 817 7, 800 	572 258 190 27 41 32 25 25 257	$\begin{array}{c} 2,023,141\\ 982,495\\ 755,503\\ 97,880\\ 129,112\\ 153,641\\ 104,514\\ 782,491 \end{array}$	299 141 105 11 25 19 12 127	1, 048, 798 543, 069 429, 048 36, 755 76, 660 114, 540 59, 784 331, 405	273 117 85 16 13 13 130 162	439, 426 325, 855 61, 125 52, 446 39, 101 44, 730 451, 086	226 169 20 37 32 20 257 445	181 140 16 25 28 17 244 341	45 29 4 12 4 3 13 104	
Ubcontractors Carpentering and wood flooring Electrical. Heating and plumbing. Plumbing and pipe covering. Plumbing and heating combined. Masonry and concreting. Painting and decorating. Boofing and sheet-metal work. Steel erection. Stonework. Marble, tiling, and plastering. Excavating. Other classes <sup>13</sup>	49 17 29 8 6 3 8	31 4 5 10 3 7 1 1 4 	$\begin{array}{c}2\\1\\1\\2\\-2\\-2\end{array}$	160, 604 S, 120 28, 300 88, 615 30, 600 50, 155 7, 800 2, 600 3, 880 5, 382 15, 200 6, 085	$\begin{array}{c} 475 \\ 89 \\ 227 \\ 135 \\ 87 \\ 5 \\ 19 \\ 4 \\ 27 \\ 50 \\ 7 \\ 14 \\ 13 \\ 3 \\ 14 \\ 13 \\ 3 \\ 14 \\ 13 \\ 13$	$\begin{array}{c} 1, 530, 210\\ 15, 352\\ 226, 744\\ 720, 780\\ 422, 261\\ 271, 194\\ 27, 325\\ 55, 480\\ 13, 840\\ 65, 432\\ 104, 445\\ 28, 410\\ 33, 794\\ 87, 996\\ 107, 106\\ 33, 794\\ 87, 996\\ 107, 106\\ 107, 1$	$\begin{array}{c} 313\\ 2\\ 67\\ 136\\ 62\\ 70\\ 4\\ 16\\ 4\\ 21\\ 28\\ 4\\ 11\\ 6\\ 18\\ 18\end{array}$	974, 523 7, 800 193, 689 410, 437 193, 303 193, 501 23, 933 47, 470 13, 840 47, 355 83, 797 11, 410 23, 550 40, 727 94, 448	102 22 91 73 17 1 3 	7,552 73,055 310,343 228,958 77,693 3,692 8,010 	$\begin{array}{c} 4\\ 88\\ 209\\ 127\\ 78\\ 4\\ 19\\ 4\\ 18\\ 50\\ 7\\ 14\\ 11\\ 21\\ \end{array}$	$ \begin{array}{c} 3 \\ 61 \\ 107 \\ 108 \\ 58 \\ 3 \\ 15 \\ 38 \\ 0 \\ 10 \\ 9 \\ 14 \\ \end{array} $	1 27 42 21 20 1 4 1 8 12 1 1 4 2 7	
Other classes <sup>18</sup>	1	16		7, 422 41, 415	21 206	107, 946 762, 872	103	476, 192	103	286, 680	199	178	21	
Jeneral contractors 4	- 20 - 14 - 11 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3	11 9 7 2 2 2 2 5 1 3 3 3	1 1 10 	4, 538 36, 877	160 70 70 81 46 5 23 12	26, 710 282, 792 203, 331 25, 352 78, 269 31, 074	65 35 35 35 27 38 5 20 10 10	40,695	8 	258,900 108,488 108,488 15,530 134,882 27,780 12,636 6,136 6,500		148 67 67 7 74 80 2 14 8 6	6 3 3 1 2 15 3 9 4 5 2	
Other classes "	- 4	1	- 3	9,034	9 9 249	47, 195 27, 196 72, 514 786, 033	6 7 141	64, 194	2	6, 824 8, 320 334, 014	9 8 216	7 7 174	1 42	1. :
TRENTON General contractors <sup>5</sup> Building <sup>9</sup> Street paving and highway Other classes <sup>18</sup>	25	15	10	39, 982 17, 080	144 01 27 56	480, 184	70 31 13 26	251, 566 122, 266 62, 966	74 30 14	228, 618 66, 013 39, 047 123, 558	61 20 54	116 47 20 49	19 14 5	
Subcontractors. Concreting <sup>10</sup> Heating and plumbing. Hoating and piping. Plumbing <sup>11</sup> Roofing and sheet-metal work. Sheet-metal work. Roofing and sheet metal combined Marble and tiling. Flooring, n. e. s. <sup>10</sup>	- 8 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3		4 1 3	24,000 3,800 20,200 3,640	105 11 25 23 2 19 8 11 8 15 27	18,937	6 6 7 10	$\begin{array}{c} 41, 125\\ 29, 875\\ 11, 250\\ 39, 696\\ 25, 561\\ 14, 135\\ 16, 597\\ 24, 147\end{array}$	3 6 6 7 2	2,340	8 25 23 10 	7		
<ol> <li>Includes central station, light and power ;</li> <li>Includes elevator construction.</li> <li>Includes shighway and street paving.</li> <li>Includes sower, gas, water, conduit; dam</li> <li>Includes sower, gas, water, conduit; dam</li> <li>Includes sower, gas, water, conduit; water</li> <li>Includes sower, gas, water, conduit; wate</li> <li>Includes sower, gas, water, conduit; wate</li> <li>Includes sower, gas, water, conduit; wate</li> <li>Includes carpentaring and wood flooring;</li> <li>Includes privation in a strain of the stra</li></ol>					ver, harl bor, etc etc. ntraista t. er, cond er works	nor, etc. tal iron; and tion, light a nit. s.	metalw ad powe	ork, n. e. s. er plant.						

# TABLE 6.—VALUE OF CONSTRUCTION EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929

1				WAGI		DOWING 1979	. <u> </u>				,
	nents 1g	EQUII	MENT	Value of			nents	EQU	JIPMENT	Value of	
CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Inventory value at end of year	construc- tion busi- ness reported	Wages paid	CLASSIFICATION OF ESTABLISE- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishme reporting	Pur- chased during the year	Inventory value at end of year	construc- tion busi- ness reported	Wages paid
NEW JERSEY	1, 276	\$5, 386, 237	\$19, 310, 167	\$268, 100, 057	\$60, 338, 627	CAMDEN-Continued				· · ·	ege er
Classification of establish- ments				•		Percentage of equipment owned					
Operative builders	27	4, 943	12, 532			General contractors 6	11	\$68, 925	\$358, 621	\$2, 309, 418 113, 763	\$392, 381
Operative builders General contractors Building not specialized Commercial building only Manufacturing building	207	385, 854 14, 857		186, 994, 971 111, 353, 837 60, 347, 929 9, 028, 043		Bit         Bit <td>1</td> <td>5, 000 61, 895 2, 030</td> <td>500 56, 014 290, 556 11, 551</td> <td>62, 000 208, 998 1, 504, 327</td> <td>13, 717 12, 000 54, 135 234, 164 78, 365</td>	1	5, 000 61, 895 2, 030	500 56, 014 290, 556 11, 551	62, 000 208, 998 1, 504, 327	13, 717 12, 000 54, 135 234, 164 78, 365
oniy Residential building only Highway Bridge and culvert	156 60 13		32, 235 371, 800 4, 852, 543 1, 973, 760 790, 897 1, 632, 820 2, 093, 003 115, 724	$\begin{array}{c} 20,916,962\\ 15,060,903\\ 23,711,793\\ 9,913,006\\ 2,055,553\\ 9,448,585\\ 8,414,596\\ 1,090,198\\ 1,772,924\end{array}$	$\begin{array}{c} 2,086,707\\ 3,321,782\\ 5,654,534\\ 1,775,160\\ 936,184\\ \end{array}$	Subcontractors	10	18, 591	84, 093	791, 1 <b>3</b> 7	178, 696
Grading Street paving	11 45	140, 156 401, 600	790, 897	2, 055, 553 9, 448, 585	936, 184 2, 194, 553	1% to 25%	i	9, 039	18, 463	105, 560	14, 746
Manufacturing bullding only	31 6 7 7 3	60, 026 63, 045 66, 965	2,093,003 115,724 1,036,050 303,925 5,600	2, 501, 582	985, 342 55, 894	Subcontractors	- 1	1, 800 7, 752	4, 000 56, 630 5, 000	588, 577	10, 000 146, 600 7, 350
Other classes <sup>2</sup>	3			16, 584, 212	4, 383, 071	ELIZABETH	- 54	101, 505	240, 157	7, 439, 977	1, 578, 215
Subcontractors Carpentering and wood floor-	621 26		80,400			Classification of establish- ments					
Subcontractors Carpentering and wood floor- ing Concreting Electrical Heating and plumbing Heating and pipe covering Plumbing Plumbing and heating com- bined	15 79 252 57 133	24, 567 46, 650 123, 745 37, 010 58, 649	98, 109 208, 166 829, 037 360, 586 303, 686	2, 465, 614 5, 976, 497 25, 164, 010 11, 704, 319 9, 688, 342		General contractors Building Building not specialized Residential building only Other classes 7	- 30 - 27 - 16 - 11	29, 165 27, 290 1, 875	128, 026 110, 083 87, 774 31, 309 8, 943	5, 385, 826 3, 765, 738 3, 058, 291 707, 447 1, 620, 088	1, 055, 459 725, 674 600, 450 125, 224 329, 785
bined Masonry Painting and decorating Glass and glazing Plastering and lathing Roofing and sheet-metal work. Roofing and sheet metal combined Stone work Marble and tiling Excavating Ornamental iron Grading <sup>§</sup> . Metal work n. e. s. <sup>4</sup> . Flooring n. e. S.	62 38 32 6 14 59	32, 641 13, 789 2, 681 5, 880 49, 257	133, 336 77, 041 41, 403	2, 578, 534 1, 908, 911 651, 617		Subcontractors Electrical Heating and plumbing Plumbing Plumbing and heating com-	- 24 - 3 - 8 - 5	36, 625 453 1, 798 698	112, 181 5, 048 12, 269 7, 280	2, 054, 151 178, 034 373, 663 249, 525	522, 750 42, 294 108, 787 75, 125
Roofing Sheet-metal work Roofing and sheet metal	31 15 13	9, 284	101, 930 109, 764 70, 676	1, 550, 895		bined Painting and decorating Steel erection Other classes %	- 3	220	4,230 33,100	337, 129	38, 662 66, 959 75, 000 229, 716
Steel erection Stone work Marble and tiling Excavating	21 7 29	74, 216 22, 176 25, 623 213, 587	462, 405 517, 669 103, 211 605, 699	12, 957, 054 1, 616, 547 2, 369, 820 1, 765, 853	1,661,425	Percentage of equipment owned					
Ornamental iron Grading <sup>3</sup> Metal work n. e. s. <sup>4</sup>	4 9 6 4	73, 898 140, 656	30, 138 153, 663 171, 257 44, 546	398,962	199, 927 1, 172, 825 392, 245	General contractors None	- 30	64,880	128, 026		1, 055, 459 96, 974
Other classes <sup>s</sup> Percentage of equipment owned	. 4	13, 042	117, 712	874, 443	330, 173	General contractors None	- 1 - 20 - 20	500 17, 822 15, 627 31, 431	980 24, 857 72, 470 29, 719	350, 420 2, 927, 060	32, 239 110, 195 469, 818 346, 233
General contractors 6 None	655	4, 491, 550	15, 312, 347	194, 306, 892 14, 851, 692	41, 313, 426 488, 643	Subcontractors.	- 24	36, 625	112, 131	2, 054, 151 76, 018	522, 750 18, 367
1% to 25%		9,831 108,397	53,751 246,191 452,729 3,528,297	1, 849, 279 4, 193, 374 3, 426, 142	747,368	20% to 50%					
General contractors <sup>6</sup> None 1% to 25% 28% to 50% 51% to 75% 51% to 75% 76% to 90% 100% Not reported	91 91 467	929, 747 3, 259, 273	3, 528, 297 10, 844, 449 168, 930	119, 338, 028	10,806,228	Not reported Subcontractors None		9, 880 26, 745	7,410 104,721	482, 519 1, 495, 614	110, 284 394, 105
Subcontractors	. 621	894, 687				JERSEY CITY	- 73	102, 566	910, 994	36, 685, 5 <b>6</b> 2	5, 743, 064
None. 1% to 26%		15, 906 9, 039 76, 212	32, 300 19, 895 192, 877	1, 525, 218 304, 986 145, 425 2, 769, 851	408, 369 51, 187 23, 386 502, 123 1, 579, 865 15, 838, 703	Classification of establish- ments					
Subcontractors	27 546 23	67, 102 712, 165	310.656	7,701,134	1, 579, 865 15, 838, 703 621, 508	General contractors <sup>6</sup> Building <sup>6</sup> Street paving Other classes <sup>10</sup>	- 20 - 23 - 2	60.848	169.797	31, 160, 725 28, 695, 033 529, 394 1, 936, 298	4, 259, 369 3, 582, 587 131, 575 545, 267
CAMDEN	. 21	87, 516	442, 714			Subcontractors		33, 428	270, 885	A CONTRACT OF	
Classification of establish- ments				0.000	000.001	Concreting Electrical Heating and plumbing Heating and piping <sup>11</sup>	- 3	1, 150 1, 503 8, 235	270, 885 7, 772 8, 316 34, 615	1. 735. 253	1, 483, 698 143, 648 38, 281 376, 980
General contractors <sup>6</sup> Building <sup>6</sup> Other classes <sup>7</sup>		68, 925 425 68, 500	7,975	563, 658 1, 745, 760	97, 092 295, 289	Heating and piping " Plumbing Painting and decorating Glass and glazing	- 8	2,617 1,523	17,045	838, 016 899, 237 568, 622 523, 229	145, 202 231, 778 186, 224 109, 705
Subcontractors Electrical Heating and plumbing Other classes <sup>8</sup>			7.322	239, 943	144,099	Marble, tiling, and plastering.	4 5 3 3 5	10.484	32, 292	568, 622 523, 229 415, 716 651, 210 423, 284 567, 182	143, 04; 38, 281 370, 980 145, 202 231, 778 186, 222 109, 702 97, 337 195, 488 212, 624 123, 414

See footnotes at end of table.

127100-33--50

# TABLE 6.—VALUE OF CONSTRUCTION EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929—Continued

							1				<del>71</del>
	ents g	FQUIP	MENT	Value of			tents	EQUII	MENT	Value of	
CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTACE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Inventory value at end of year	construc- tion busi- ness reported	Wages paid	CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Inventory value at end of year	construc- tion busi- ness reported	Wages paid
JERSEY CITY-Continued						PATERSON	53	867, 411	\$567, 683	\$12, 429, 938	\$3, 116, 317
Percentage of equipment owned			1 .			Classification of establish- ments					
General contractors 6	29 1	\$69, 138	\$640, 109	\$31, 160, 725 400, 000	\$4, 259, 369	General contractors Building Other classes <sup>16</sup>	15 10 5	12,870	106, 363	6, 149, 455	2, 526, 390 1, 398, 164 1, 128, 226
26% to 50%	3	2, 339	34, 696			Subcontractors	18				
Vone	7	11, 321 55, 478	406, 067	23, 297, 637		Electrical Heating and plumbing Plumbing Plumbing and heating com-	9 3	5,440	6, 740 21, 402 7, 686	3, 002, 668 345, 266 672, 067 187, 869	56, 940 197, 153 55, 635
Subconiractors	44	33, 428	270, 885	5, 524, 837	1, 483, 695	Dined Other classes <sup>17</sup>	6	2, 940 9, 470	13, 716 103, 053	484, 198 1, 985, 335	141, 518 335, 834
1% to 25% 26% to 50% 51% to 75%						Percentage of equipment owned					s de la composición d La composición de la c
76% to 99% 100% Not reported	- 40	750 32, 271 407	2, 511 267, 012 1, 362	193, 781 5, 212, 742 118, 814	86, 283 1, 422, 370 25, 042	General contractors	15	50, 310	436, 488	9, 427, 270	2, 526, 390
NEWARK					14, 270, 228	1% to 25% 20% to 50% 51% to 75%					
Classification of establish- ments		418,040	2,000,010			General contractors None	3 10	4, 535 39, 265 6, 510	63, 893 316, 225 56, 370	271, 505 4, 337, 635 4, 818, 130	92, 585 1, 415, 541 1, 018, 264
Operative builders	. 8	3		976, 682	2, 526	Subcontractors	18	17, 101	131, 195	3, 002, 668	589, 927
General contractors Building Building not specialized Commercial building only Residential building only Highway and street naving.	- 58 - 30 - 1	8 75,442 1 63,627 0 6,890 5 4,925	2 355, 598 296, 214 33, 802 5 25, 582 7 844, 021	20, 641, 813 10, 834, 938 7, 889, 853 1, 917, 022 2, 665, 970	3, 196, 590 2, 659, 785 241, 294 295, 511	Subcontractors None 1% to 25% 26% to 56% 51% to 75% 78% to 99% 100% Not reported		2,487 950 13,664	32, 165 750 95, 631 2, 649	1, 317, 555 93, 000 1, 528, 417 63, 696	165, 764 18, 846 389, 638 15, 679
Highway and street paving Sewer, gas, water, conduit 1 Other classes <sup>18</sup>		5 91,477 8 86,748 5 51,459	230, 660 240, 352	1,224,363 16,802,323	445, 211 4, 455, 692	TRENTON		1	2, 075, 308		
Subcontractors Carpentering and wood floor-	- 11	1	1	1	1.1.1	Classification of establish-				-	
Subcontractors Carpontering and wood floor- ing Electrical. Heating and plumbing Plumbing. Masonry and concreting Pointing and decorating Roofing and sheet-metal work Stoel erection.	24	5 250 4 26, 840 5 24, 640 8 10, 935 8 13, 717 6 3, 600	95, 17           295, 540           222, 570           7         72, 971           32, 975	11 9 465 207	2,385,990 1,451,587 934,403 395,624	ments General contractors <sup>6</sup> Building <sup>6</sup> Highway and street paving Other classes <sup>18</sup>	- 23	1	108, 691	4, 761, 075 1, 873, 545 6, 647, 580	139, 310
Painting and Sheet-motal work Roofing and Sheet-motal work Stonework Marble, tiling, and plastering Excavating and grading. Other classes <sup>18</sup> / <sub>8</sub> .	-	3         1,073           6         1,900           5         21,200           3         10,000           7         9,400           5         75,989           8         19,600	63,052           149,28           30,911           191,261	4,924,66 7 763,62 1 382,18 1 903,53	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Subcontractors Concreting <sup>19</sup> Heating and plumbing Painting and decorating <sup>20</sup> Roofing and sheet-metal work Other classes <sup>21</sup>	- 21	48,36:           5         6,36:           7         8,75:           4         7,70:           4         7,12:           9         18,41:	7 57, 348 4 17, 938 5 28, 780 3 32, 540	5 448, 175 8 9 <b>70,</b> 653 9 373, 147 3 411, 491	141, 810
Percentage of equipment						Percentage of equipment owned	,	:			
General contractors	7	4 285, 11 9	1, 170, 63	3 42,311,16 8,351,70	8, 816, 330 35, 720	General contractors 6	2	8 1, 618, 94	1 1, 832, 65	5 13, 282, 200	1, 928, 093
General contractors 6 None1% to 25% 26% to 50% 51% to 75% 70% to 99% 100% Not reported	1	300 0 107, 11 3 177, 30 1 400	3, 500 1 326, 340 8 837, 844 2 2, 940	222, 95 3 18, 879, 24 4 14, 747, 08 3 110, 16	0 65,544 4,862,962 3,834,106 7 17,992	General contractors <sup>6</sup> None 1% to 25% 26% to 50% 51% to 75% 76% to 00% 100% Not reported	- 1	1 35, 38 1 7, 00 3 25, 38 7 1, 551, 17 1	0 47,94 0 7,000 5 72,18 6 1,705,02 500	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	147, 686 40, 000 169, 847 1, 567, 369 3, 191
Onboontrootors	1 11	3 194, 52 5	7 916, 280	24,758,84 1,152,02	1 5, 453, 898 2 297, 986 37, 218			48, 36	2 242, 65	3 3, 857, 219	1, 032, 747
None 1% to 25% 26% to 60% 51% to 75% 70% to 99% 100% Not reported	9	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0 146, 519 7 25, 050 1 702, 398	$\begin{array}{c} 1,364,06\\ 0 & 182,79\\ 3 & 20,976,63 \end{array}$	297, 112 58, 193 4, 501, 194	51% to 75%	2		0 49,88 2 192,770	3 1,051,397 2,805,822	157, 142 875, 605

Includes refuse-disposal plant.
Includes central station, light and power plant; and miscellaneous, n. e. s.
Includes highways and street paving.
Includes sewer, gas, water, conduit; dam and reservoir; and dredging, river, harbor, etc.
Includes operative builders.
Includes operative builders.
Includes carpentering and wood flooring; masoury; roofing; excavating; ornamental iron; and metal work, miscellaneous, n. e. s.
Includes carpentering and wood flooring; excavating; ornamental iron; and metal work, miscellaneous, n. e. s.
Includes prize carpentering and wood flooring; excavating; ornamental iron; and metal work, miscellaneous, n. e. s.
Includes prize carpentering and wood flooring; excavating; ornamental iron.
Includes raincad; foundation; central station, light and power plant; and miscellaneous, n. e. s.
Includes raincad; foundation; central station, light and power plant; and miscellaneous, n. e. s.
Includes raincad; foundation; central station, light and power plant; and miscellaneous, n. e. s.
Includes raincad; foundation; central station, light and power plant; and miscellaneous, n. e. s.
Includes diphway; street paving; bridge and culver; and saver, gas, water, conduit.
Includes bridge and dulver; sewer, gas, water, conduit; water-works; and railroad.
Includes flaghway; and somework.
Includes flaghway; and somework.
Includes flaghway; street paving; bridge and culver; and saver, gas, water, conduit.
Includes flaghway; and somework.
Includes flaghway; and sower, gas, water, conduit; water-works; and railroad.
Includes flaghway; and somework.
Includes flaghway; and sower, gas, water, conduit; water-works; and railroad.
Includes flaghway; and sower, gas, water, conduit; water-works; and railroad.

#### TABLE 7.---WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929

	Estab- lish-		NUMBE	R EMPLO	YED ON I	5TH DAY	OF THE	MONTII (	R NEARI	SST REPR	ESENTAT	IVE DAY		Wages paid
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	during year
NEW JERSEY	1, 332	22, 329	22, 145	24, 219	28, 458	31, 176	<b>33, 804</b>	84, 758	85, 405	35, 376	84, 793	32, 684	27, 884	\$61, 597, 511
Classification of establishments		** <u>_</u> **									1.			
Operative builders	24	202	220	284	380	310	357	336	295	248	. 203	177	118	546, 685
General contractors	461 269 28 5	$\begin{array}{c} 14,631\\ 8,339\\ 5,762\\ 136\\ 1,233\\ 1,208\\ 1,329\\ 213\\ 319\\ 840\\ 158\\ 311\\ 500\\ 1,813\\ \end{array}$	14, 538 8, 562 5, 881 1, 300 1, 288 1, 154 817 238 349 953 171 308 502 1, 484	$15,986 \\ 9,383 \\ 6,451 \\ 151 \\ 1,368 \\ 1,363 \\ 1,341 \\ 87! \\ 267 \\ 467 \\ 962 \\ 213 \\ 322 \\ 493 \\ 1,714 \\ \end{array}$	$19,710 \\10,351 \\6,921 \\175 \\1,450 \\1,805 \\2,493 \\982 \\406 \\991 \\1,228 \\240 \\353 \\544 \\2,113 \\$	$\begin{array}{c} 22,099\\ 10,794\\ 7,125\\ 195\\ 1,541\\ 1,933\\ 3,585\\ 1,042\\ 477\\ 1,252\\ 1,295\\ 335\\ 417\\ 496\\ 2,406\end{array}$	24, 393 11, 505 7, 800 241 1, 626 1, 898 4, 283 1, 088 510 1, 488 1, 451 424 447 452 2, 685	$\begin{array}{c} 25, 361 \\ 11, 754 \\ 8, 080 \\ 223 \\ 1, 619 \\ 1, 832 \\ 4, 642 \\ 1, 163 \\ 474 \\ 1, 674 \\ 1, 558 \\ 423 \\ 450 \\ 368 \\ 2, 846 \end{array}$	$\begin{array}{c} 25,949\\ 12,008\\ 8,307\\ 261\\ 1,664\\ 1,776\\ 4,877\\ 1,169\\ 485\\ 1,528\\ 1,619\\ 516\\ 425\\ 429\\ 2,893\end{array}$	25, 849 11, 865 8, 369 246 1, 566 1, 684 5, 004 1, 225 467 1, 452 1, 660 486 444 418 2, 828	$\begin{array}{c} 25,225\\ 11,624\\ 8,350\\ 246\\ 1,457\\ 1,571\\ 4,695\\ 1,266\\ 402\\ 1,409\\ 1,718\\ 579\\ 385\\ 436\\ 2,711 \end{array}$	28,296 11,045 8,100 1,349 1,383 4,219 1,203 201 1,150 1,516 646 412 435 2,289	$ \begin{vmatrix} 19,277\\9,886\\7,404\\182\\1,127\\1,173\\2,870\\1,227\\175\\730\\1,194\\601\\403\\589\\1,702 \end{vmatrix} $	$\begin{array}{c} 41, 257, 936\\ 22, 104, 230\\ 16, 279, 387\\ 478, 678\\ 2, 086, 707\\ 3, 349, 458\\ 5, 420, 404\\ 1, 710, 800\\ 844, 258\\ 2, 126, 960\\ 2, 453, 354\\ 672, 707\\ 689, 745\\ 672, 707\\ 689, 745\\ 4, 432, 102 \end{array}$
Subcontractors Carpentering and wood flooring Concreting Electrical Pipe dovering Plumbing and plumbing Plumbing and heating combined Masoury Plumbing and heating combined Masoury Plastering and latbing Class and glazing Plastering and latbing Sheet metal work. Roofing Sheet metal work. Roofing and sheet metal combined Steel erection Stonework Marble and tiling Excavating Ornamental iron Grading 4 Metal work n. e. s.4. Flooring n. e. s	$\begin{array}{c} 666\\ 210\\ 15\\ 73\\ 278\\ 600\\ 8\\ 135\\ 80\\ 42\\ 34\\ 8\\ 31\\ 35\\ 8\\ 21\\ 15\\ 21\\ 15\\ 21\\ 7\\ 7\\ 85\\ 21\\ 14\\ 3\end{array}$	$\begin{array}{c} 7, 496\\ 197\\ 300\\ 584\\ 2, 867\\ 1, 160\\ 611\\ 372\\ 266\\ 566\\ 112\\ 266\\ 566\\ 267\\ 578\\ 200\\ 303\\ 163\\ 300\\ 1311\\ 312\\ 146\\ 106\end{array}$	$\begin{array}{c} 7, \ 387\\ 109\\ 312\\ 538\\ 2, 738\\ 2, 738\\ 2, 738\\ 2, 738\\ 100\\ 103\\ 900\\ 258\\ 551\\ 005\\ 258\\ 105\\ 006\\ 271\\ 236\\ 006\\ 271\\ 236\\ 006\\ 271\\ 236\\ 006\\ 271\\ 236\\ 000\\ 226\\ 376\\ 376\\ 376\\ 376\\ 376\\ 376\\ 115\\ 902\\ 200\\ 28\\ 902\\ 333\\ 175\\ 115\\ 902\\ 115\\ 115\\ 115\\ 115\\ 115\\ 115\\ 115\\ 11$	$\begin{array}{c} \textbf{7, 949} \\ \textbf{7, 949} \\ \textbf{207} \\ \textbf{483} \\ \textbf{563} \\ \textbf{2, 746} \\ \textbf{1, 075} \\ \textbf{1, 022} \\ \textbf{400} \\ \textbf{400} \\ \textbf{400} \\ \textbf{315} \\ \textbf{315} \\ \textbf{315} \\ \textbf{316} \\$	$\begin{array}{c} 3, 808\\ 2, 804\\ 2, 804\\ 1, 063\\ 5, 804\\ 1, 063\\ 5, 804\\ 1, 062\\ 5, 809\\ 4, 853\\ 5, 809\\ 5$	$\begin{array}{c} 8,707\\ 244\\ 430\\ 032\\ 2,983\\ 1,088\\ 151\\ 1,151\\ 1,154\\ 552\\ 434\\ 434\\ 436\\ 772\\ 205\\ 181\\ 524\\ 2257\\ 207\\ 35\\ 190\\ 512\\ 2174\\ 147\\ 147\\ \end{array}$	$\begin{array}{c} 9,054\\ 230\\ 409\\ 69c\\ 8,072\\ 1,146\\ 1,219\\ 558\\ 479\\ 459\\ 65\\ 65\\ 201\\ 181\\ 181\\ 600\\ 235\\ 463\\ 802\\ 235\\ 463\\ 802\\ 33\\ 802\\ 33\\ 802\\ 443\\ 81\\ 181\\ 181\\ 185\\ \end{array}$	$\begin{array}{c} 9, \ 0.61\\ 216\\ 484\\ 688\\ 8, 174\\ 1, 15\\ 152\\ 500\\ 434\\ 58\\ 500\\ 434\\ 58\\ 500\\ 434\\ 58\\ 500\\ 434\\ 50\\ 285\\ 162\\ 205\\ 205\\ 225\\ 225\\ 225\\ 225\\ 170\\ 422\\ 245\\ 225\\ 170\\ 422\\ 144\\ 135\\ \end{array}$	$\begin{array}{c} 9, 161\\ 247\\ 515\\ 003\\ 3, 177\\ 1, 203\\ 603\\ 408\\ 457\\ 408\\ 844\\ 876\\ 810\\ 149\\ 687\\ 683\\ 844\\ 376\\ 810\\ 149\\ 687\\ 687\\ 131\\ 211\\ 33\\ 166\\ 404\\ 131\\ 134\\ \end{array}$	$\begin{array}{c} 9,\ 279\\ 248\\ 416\\ 600\\ 3,\ 228\\ 1,\ 257\\ 161\\ 1,\ 215\\ 697\\ 473\\ 413\\ 63\\ 169\\ 901\\ 324\\ 186\\ 630\\ 220\\ 220\\ 220\\ 220\\ 220\\ 220\\ 224\\ 186\\ 630\\ 403\\ 324\\ 186\\ 630\\ 630\\ 630\\ 630\\ 630\\ 630\\ 630\\ 63$	$\begin{array}{c} 9, 365\\ 230\\ 420\\ 680\\ 3, 351\\ 1, 270\\ 667\\ 68\\ 147\\ 68\\ 148\\ 912\\ 379\\ 347\\ 186\\ 610\\ 231\\ 347\\ 802\\ 28\\ 182\\ 28\\ 182\\ 28\\ 182\\ 627\\ 162\\ 28\\ 182\\ 627\\ 162\\ 94\\ 94\\ \end{array}$	$\begin{array}{c} 9, 211\\ 216\\ 300\\ 707\\ 3, 345\\ 1, 235\\ 41, 235\\ 1, 255\\ 447\\ 420\\ 77\\ 116\\ 976\\ 449\\ 354\\ 173\\ 573\\ 228\\ 311\\ 270\\ 30\\ 154\\ 747\\ 90\\ 138\\ \end{array}$	$\begin{array}{c} 8, 489\\ 198\\ 286\\ 690\\ 1, 281\\ 169\\ 1, 201\\ 100\\ 1, 201\\ 028\\ 312\\ 354\\ 67\\ 91\\ 873\\ 350\\ 349\\ 166\\ 579\\ 211\\ 280\\ 224\\ 27\\ 130\\ 099\\ 76\\ 699\\ 76\\ 163\\ \end{array}$	$\begin{array}{c} 19,\ 702,\ 940\\ 549,\ 907\\ 583,\ 564\\ 1,\ 550,\ 001\\ 6,\ 671,\ 801\\ 2,\ 281,\ 250\\ 443,\ 321\\ 2,\ 681,\ 364\\ 1,\ 216,\ 920\\ 1,\ 100,\ 300\\ 999,\ 454\\ 141,\ 931\\ 1,\ 216,\ 920\\ 141,\ 931\\ 1,\ 540,\ 820\\ 611,\ 529\\ 316,\ 560\\ 1,\ 744,\ 975\\ 1,\ 944,\ 820\\ 512,\ 205\\ 58,\ 938\\ 218,\ 907\\ 1,\ 172,\ 825\\ 58,\ 938\\ 218,\ 907\\ 1,\ 172,\ 825\\ 330,\ 173\\ \end{array}$
Length of working week General contractors <sup>6</sup>	666 811 1 5 157 2 5 15 24 4 92 27 8 227 8 227 8 215	$14, 833 \\ 7, 572 \\ 21 \\ 50 \\ 34 \\ 1, 556 \\ 50 \\ 102 \\ 254 \\ 1, 652 \\ 1, 542 \\ 1, 79 \\ 154 \\ 39$	$14,758 \\ 7,435 \\ 20 \\ 63 \\ 38 \\ 1,55 \\ 89 \\ 241 \\ 1,686 \\ 1,600 \\ 1,771 \\ 140 \\ 46$	16, 270 8, 181 30 72 34 1, 793 1, 798 1, 830 1, 812 185 78	20,090 9,363 30 90 34 2,139 74 172 348 2,188 2,975 2,307 2,307 335	$\begin{array}{c} 22,409\\ 9,750\\ 47\\ 103\\ 40\\ 2,802\\ 77\\ 198\\ 416\\ 2,808\\ 4,004\\ 2,640\\ 420\\ 104\end{array}$	$\begin{array}{c} 24,750\\ 10,624\\ 58\\ 125\\ 50\\ 2,480\\ 91\\ 236\\ 440\\ 2,484\\ 4,663\\ 2,857\\ 5,516\\ 84\\ 93\end{array}$	$\begin{array}{c} 25,697\\ 10,865\\ 91\\ 120\\ 01\\ 2,542\\ 92\\ 247\\ 531\\ 4,842\\ 3,006\\ 658\\ 48\\ 80\\ \end{array}$	26, 244 11, 060 112 132 2, 573 205 4, 069 3, 251 4, 069 3, 251 127 66	$\begin{array}{c} 26,097\\11,030\\102\\127\\690\\2,544\\106\\224\\300\\2,384\\4,981\\3,513\\424\\116\\73\end{array}$	25, 428 10, 817 51 103 67 2, 474 108 200 3955 2, 286 4, 849 3, 488 303 3115 84	$\begin{array}{c} 23,473\\ 10,277\\ 56\\ 2,328\\ 111\\ 157\\ 381\\ 2,146\\ 4,420\\ 2,916\\ 328\\ 167\\ 79\end{array}$	$\begin{array}{c} 19, 395\\ 9, 19;\\ 32\\ 64\\ 309\\ 2, 047\\ 100\\ 96\\ 337\\ 1, 607\\ 3, 247\\ 2, 128\\ 255\\ 184\\ 61\end{array}$	41, 804, 571 21, 272, 503 71, 843 167, 843 108, 924 4, 558, 984 162, 102 228, 718 568, 209 3, 184, 493 6, 607, 164 3, 885, 857 629, 574 139, 100 149, 005
Subcontractors	866 415 5 2 5 161 2	7,496 4,376 100 50 35 2,023 9	7, 387 4, 313 103 45 37 1, 947 9	7, 949 4, 605 117 51 43 2, 014 15	8, 368 4, 880 142 50 45 1, 997 14	8,767 5,132 142 50 58 1,988 24	0, 054 5, 259 165 52 68 2, 063 21	9,061 5,403 138 47 62 2,116 17	9, 161 5, 510 107 57 55 2, 106 14	9,279 5,501 114 61 48 2,195 16	9, 365 5, 414 103 71 49 2, 227 16	9, 211 5, 360 72 68 41 2, 174 18	8, 489 4, 859 64 56 40 2, 223 17	$19,792,940\\12,424,836\\302,104\\62,000\\95,067\\4,500,056\\23,433$
40-hour, 5-day week. 45-hour, 5-day week. 50-hour, 5-day week. All other 5-day week. 44-hour, 54/-day week. 55-hour, 54/-day week. 55-hour, 54/-day week. All other 55/-day week. 54-hour, 6-day week. 54-hour, 6-day week. All other 6-day week. All other not designated. Not reported.	11 14 20 5 8 3 15	77 165 352 43 112 21 133	94 137 394 51 111 28 123	$     \begin{array}{r}       134\\       135\\       462\\       47\\       121\\       16\\       129     \end{array} $	$127 \\ 167 \\ 598 \\ 48 \\ 147 \\ 16 \\ 137$	160 175 670 53 158 19 138	137 194 694 92 145 24 145	$124 \\ 178 \\ 583 \\ 94 \\ 126 \\ 24 \\ 149$	156 199 558 83 117 23 176	157 192 588 80 128 28 171	151 222 679 91 152 27 163	151 202 707 68 177 22 151	$ \begin{array}{r} 110\\ 154\\ 561\\ 57\\ 174\\ 20\\ 154\\ \end{array} $	244, 881 290, 336 1, 180, 088 82, 005 193, 782 44, 876 349, 416

See footnotes at end of table.

# TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

	Estab-		NUMBEI	R EMPLOY	ED ON 14		OF THE !	MONTH O	R NEARE	ST REPR	ESENTAT	IVE DAY		
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	lish- ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber		Decem- ber	Wages paid during year
CAMDEN	26	252	266	336	486	547	712	787	714	612	566	467	287	\$746, 150
Classification of establishments												· · · ·	· · ·	
General contractors <sup>6</sup> Building <sup>6</sup>		158 70	160 69	222 86	362 95	437 109	568 102	631 135	557 142	452 119		321 52	165 40	543, 453 183, 397
Highway Other classes 7	3	36 52	28 63	38 98	$122 \\ 145$	181 147	239 227	284 212	247 168	184 149	158 135	157 112	48	165, 660 194, 396
Subcontractors Heating and plumbing Other classes %	11 4 7	94 41 53	106 36 70	114 36 78	124 32 92	110 33 77	144 24 120	156 87 119	157 39 118	160 47 113	170 49 121	146 47 99	122 46 76	202, 697 55, 572 147, 125
Length of working week <sup>§</sup>						i								A COL
General contractors 6 40-hour, 5-day week	. 1	· 158 4	$160 \\ 4$	222 5	362 6	437 3	568	631 3	557	452	396	321 3 49	105 3 43	543, 453 8, 585 174, 812
44-hour, 5½-day week 55-hour, 5½-day week 48-hour, 6-day week	8 2 1	66 2 8	65 2 25	81 9 23	89 40	106 46 23	99 54 76	132 51 65	139 31 41	116 26 31	101 16 31	14 17	4	33, 496 64, 767
48-hour, 6-day week 60-hour, 6-day week All other 6-day week	. 1	8 34 44	25 26 38	29 75	22 82 123	135 124	185 151	233 147	216 127	158	142 104	143 95	44 63	132, 164 129, 629
Subcontractors	11	94	106	114	124	110	144	156	157	160	170	146	122	202, 697
44-hour, 554-day week. All other 54-day week. 60-hour, 6-day week. All other 6-day week.	. 72	56	57 10	48 27	45 29	46 29 8	44 28 40	63 21 41	65 30 32	71 27 30	69 32 31	63 25 16	61 10 10	90, 377 34, 953 14, 746
60-hour, 6-day week All other 6-day week	1	18 17	20 19	13 26	14 36	27	32	31	30	32	38	42	41	62, 621
ELIZABETH	55	496	430	520	698	837	915	871	849	869	914	942	912	1, 613, 895
Classification of estalishments											·			
General contractors <sup>4</sup>	31 27	368 248	312 194	891 246	543 326	678 421	749 467	713 432	655 407	631 367	590 395	551 357	506 363	1, 123, 192 707, 773
Building not specialized a Residential building only Other classes <sup>10</sup>	17 10	217 31	168 26	218 28	277 49	366 55	419 48	382	349	300 67	339 56	306 51	324 39	595, 107 112, 666
		120	118	145	217	257	282	281	248 194	264	195 324	194 391	143 406	415, 419 490, 703
Subcontractors Heating and plumbing	24 10 6	128 64 43	118 54 31	129 53 36 17	155 60 40	159 56 34	166 63 38	158 59 37	64 42	208 56 36	58	65 40	61 42	132,774 86,988
Plumbing and heating combined Plumbing and heating combined Painting, decorating, and glazing		21 29	23	17 32	20 42	22 42	25 49	22 50	22 53	20 57	25	25 57	19 50	45, 806 114, 474
Other classes 1	8	35	37	44	53	61	54	49	77	125	210	269	295	243, 455
Length of working week	31	368	812	391	543	678	749	713	655	631	590	551	506	1, 128, 192
General contractors 40-hour, 5-day week	9 9 17	88	66 126	84	133 208	164	167 258	166 242	111 216	123 200	128 190	128 181	160 162	287, 448 453, 388
40-hour, 5-day week 44-hour, 54-day week 48-hour, 6-day week 54-hour, 6-day week	32	120	120	132	175 27	197 78	222 102	232 73	233 95	233 75	183 89			344, 634 37, 722
Subcontractors. 40-hour, 5-day week		128	118 55	129 65	155 83	159 81	166 80	158 85	194 101	238 92	824 92		406 85	490, 703 212, 997
40-hour, 5-day week 44-hour 5-24 day week 60-hour, 6-day week Not reported		57	46	49	55	51	55	54	75		195	266 12	301 9	235, 874 14, 619
Not reported		13	14	1 II	12	14	. 15	13	12	14	15	15	11	27, 213
JERSEY OFTY	70	2, 398	2, 289	2, 425	2, 440	2, 585	2, 939	8, 054	3, 172	8, 222	3, 436	3, 452	3, 236	5, 546, 925
Classification of establishments						0.070	0.005		0.075	0 700	2, 888	2,854	2, 726	4 178 346
General contractors <sup>a</sup> Building <sup>a</sup>	19	1,948	1,882	1, 082 1, 768 32	1,885 1,666 68	2,059 1,806 110	2, 385 2, 094 129	2, 528 2, 234 99	2, 655 2, 361 60	2,429	2,888	2,460	2,172	3, 398, 846
Street paving Other classes <sup>12</sup>	. Б	10 199	12 209	182	151	143	162	195	234	230	246	321	496	630, 861
Subcontractors Concreting and stone work	- *	450 37	407 30		555 130	526 113	554 98	526 84	517 69 16		548 50 18	59	89	151, 645
Ricetrical	. 5	26 88	15 78 49	31 73 48	25 77 48	18 80 39 47	20 109 43	108	97	112		. 124	124	237, 045
Heating and plumbing Heating and piping <sup>13</sup> Plumbing Dividing and decenting	7 3 4	59 29 42	49 29 43	25	29 56	47	66	63	45	63	68	76	66 51	101 404
Painting and decorating Glass and glazing Roofing and sheet-metal work	4	42 43	42 22 43	46	56 27	53	63 49 47	48	43 56	47	52	61	51	97, 337
Steel erection Marble, tiling, and plastering Other classes <sup>14</sup>	_I 8	44 89	93	91	53	48	49 74 45	76	83	81		8 97	91	j 266, 243
Other classes " Length of working week <sup>§</sup>	- 4	39	41	41	42	44	40	40	40	00				31,000
General contractors 6	_ 27	1,948	1,882	1, 982	1,885	2, 059	2, 385	2, 528	2, 655	2, 728 1, 161	2,888	2,854	2,726	4, 178, 346 2, 199, 966
40-hour, 5-day week All other 5-day week	20	707	585	4	468	544 1 1, 378	793 1 1,432	1	5	12	14	1 C	) 4	16,003
48-hour, 6-day week 54-hour, 6-day week All other 6-day week		1, 197 10 30	1,254 12 27	32	1, 324 68 22	1, 378	129	99	60	69	90	) 73	58	148,839
All other 8-day week	43	450	:07	443		504	554	526	517	494	548	1	510	
40-hour. 5-day week	. 31	345 15	303 15	338	436 436 18 42 3	413	18	18	18		1		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	24, 942
All other 5-day week 44-hour, 5½-day week All other 5½-day week	. 1	37 3 3	37	38	42	41 3 2	3	37 3 2	2		0			5,369
48-hour, 6-day week 54-hour, 6-day week 60-hour, 6-day week		35	82	32	40 14	35	40	36	31	32	3	0 22 7 1 1		106,603
Son footnotes at and of table	-, 1		0	0										

See footnotes at end of table.

# TABLE 7 .--- WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

	Estab- lish-		NUMBER	EMPLOY	ED ON 1	STH DAY	OF THE M	IONTH O	R NEARES	T REPRE	SENTATI	VE DAY-	•	Wages paid
CLASSIFICATION OF ESTABLISTIMENTS AND LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	Wages paid during year
NEWARK	182	5, 442	5, 080	5, 569	6, 676	6, 996	7,747	7, 886	7, 795	7, 569	7, 342	6, 743	5, 678	\$14, 802, 889
Classification of establishments														
General contractors <sup>6</sup> Building Building not specialized <sup>6</sup> Commercial building only Residential building only Street paving and highway Sewer, gas, water, conduit <sup>1</sup> Other classes <sup>18</sup>	67 53 35 7 11 5 4 5	$\begin{array}{c} 3,244\\ 1,247\\ 1,106\\ 64\\ 77\\ 62\\ 91\\ 1,844 \end{array}$	2, 948 1, 246 1, 116 56 74 61 130 1, 511	$\begin{array}{c} 3,332\\ 1,384\\ 1,257\\ 43\\ 84\\ 60\\ 147\\ 1,741 \end{array}$	4, 375 1, 725 1, 457 56 212 282 202 2, 166	4, 712 1, 718 1, 434 03 221 318 205 2, 471	5, 293 1, 825 1, 550 78 197 339 331 2, 798	$5,326 \\ 1,624 \\ 1,358 \\ 74 \\ 192 \\ 418 \\ 403 \\ 2,881 \\ $	5, 308 1, 637 1, 373 111 153 401 368 2, 902	5, 137 1, 579 1, 311 126 142 371 314 2, 873	4, 870 1, 469 1, 248 126 95 329 327 2, 745	4, 261 1, 440 1, 231 137 78 264 255 2, 296	3, 335 1, 289 1, 110 115 64 152 180 1, 714	9, 232, 292 3, 477, 326 3, 031, 673 237, 294 208, 359 716, 311 582, 063 4, 455, 692
Subcontractors	6 4 23 46 16 27 3 4 3 8 5	$\begin{array}{c} 2,108\\ 15\\ 177\\ 316\\ 1,074\\ 732\\ 319\\ 23\\ 45\\ 41\\ 80\\ 102\\ 39\\ 80\\ 160\\ \end{array}$	$\begin{array}{c} 2, 132 \\ 15 \\ 157 \\ 278 \\ 1,085 \\ 736 \\ 324 \\ 25 \\ 46 \\ 84 \\ 90 \\ 153 \\ 37 \\ 69 \\ 168 \end{array}$	$\begin{array}{c} 2,237\\ 23\\ 231\\ 277\\ 1,072\\ 608\\ 346\\ 28\\ 47\\ 36\\ 102\\ 172\\ 39\\ 92\\ 146\end{array}$	$\begin{array}{c} 2,301\\ 37\\ 146\\ 314\\ 1,079\\ 680\\ 363\\ 30\\ 53\\ 44\\ 103\\ 204\\ 38\\ 128\\ 155\\ \end{array}$	$\begin{array}{c} \textbf{2,284} \\ \textbf{41} \\ \textbf{147} \\ \textbf{312} \\ \textbf{1,112} \\ \textbf{698} \\ \textbf{384} \\ \textbf{30} \\ \textbf{47} \\ \textbf{43} \\ \textbf{103} \\ \textbf{145} \\ \textbf{45} \\ \textbf{130} \\ \textbf{150} \end{array}$	$\begin{array}{c} \textbf{2, 454} \\ \textbf{43} \\ \textbf{167} \\ \textbf{313} \\ \textbf{1, 108} \\ \textbf{700} \\ \textbf{370} \\ \textbf{20} \\ \textbf{46} \\ \textbf{52} \\ \textbf{104} \\ \textbf{184} \\ \textbf{65} \\ \textbf{218} \\ \textbf{154} \end{array}$	$\begin{array}{c} 2,510\\ & 39\\ & 208\\ & 330\\ 1,143\\ & 710\\ & 407\\ & 26\\ & 45\\ & 56\\ & 102\\ & 227\\ & 62\\ & 147\\ & 151\\ \end{array}$	$\begin{array}{c} 2,487\\ 33\\ 220\\ 841\\ 1,147\\ 726\\ 401\\ 20\\ 50\\ 47\\ 103\\ 226\\ 72\\ 05\\ 153\end{array}$	$\begin{array}{c} \textbf{2, 432} \\ \textbf{32} \\ \textbf{345} \\ \textbf{1, 134} \\ \textbf{756} \\ \textbf{357} \\ \textbf{21} \\ \textbf{40} \\ \textbf{49} \\ \textbf{121} \\ \textbf{195} \\ \textbf{66} \\ \textbf{109} \\ \textbf{128} \end{array}$	$\begin{array}{c} 2,472\\ 25\\ 185\\ 344\\ 1,224\\ 788\\ 415\\ 21\\ 42\\ 777\\ 104\\ 109\\ 50\\ 98\\ 115\\ \end{array}$	$\begin{array}{c} 2,482\\ 19\\ 108\\ 359\\ 1,237\\ 786\\ 427\\ 24\\ 35\\ 69\\ 95\\ 184\\ 45\\ 71\\ 202 \end{array}$	$\begin{array}{c} 2, 343\\ 19\\ 181\\ 345\\ 1, 208\\ 776\\ 414\\ 18\\ 26\\ 47\\ 79\\ 162\\ 42\\ 60\\ 174 \end{array}$	5, 570, 597 67, 454 468, 975 798, 804 2, 407, 404 1, 410, 450 948, 242 48, 712 153, 671 145, 624 475, 705 489, 377 143, 199 248, 040 472, 344
Length of working week														
General contractors <sup>a</sup>	67 43 11 2 2 6 2	3, 244 2, 848 4 142 30 29 92 93	2, 948 2, 503 4 157 35 21 132 96	3, 332 2, 835 4 193 35 25 145 95	4, 375 3, 521 251 54 93 315 139	$egin{array}{c} 4,712 \\ 3,800 \\ 5 \\ 261 \\ 51 \\ 97 \\ 352 \\ 146 \end{array}$	5,293 4,193 7 241 32 106 475 239	5, 326 4, 091 7 280 61 133 480 274	$5,308 \\ 4,134 \\ 4 \\ 301 \\ 64 \\ 116 \\ 393 \\ 296$	5,137 4,022 4 296 28 60 413 308	4,870 3,817 4 271 18 64 402 294	$\begin{array}{r} 4,261\\ 3,368\\ 4\\ 278\\ 38\\ 104\\ 267\\ 202 \end{array}$	8, 335 2, 676 242 31 41 225 118	$\begin{array}{c} 9,232,292\\ 7,199,125\\ 10,017\\ 521,399\\ 82,675\\ 154,128\\ 836,091\\ 428,857\\ \end{array}$
Subcontractors	115 80 2 1 3 20 1 3 3 2	2, 198 1, 194 40 18 799 2 29 30 34	$2, 132 \\ 1, 133 \\ 38 \\ 42 \\ 19 \\ 800 \\ 3 \\ 21 \\ 24 \\ 52$	$2, 237 \\ 1, 255 \\ 43 \\ 45 \\ 24 \\ 759 \\ 6 \\ 24 \\ 44 \\ 44 \\ 37$	$2,301 \\ 1,274 \\ 66 \\ 40 \\ 25 \\ 774 \\ 2 \\ 25 \\ 50 \\ 39$	$2,284 \\1,281 \\79 \\47 \\34 \\726 \\4 \\30 \\45 \\38$	2, 454 1, 303 95 40 774 3 40 109 45	2, 510 1, 383 79 41 37 830 4 33 60 43	2, 487 1, 391 55 49 31 837 4 43 31 43 31 46	2, 432 1, 343 65 57 27 705 7 51 31 50	$2,472 \\ 1,411 \\ 53 \\ 68 \\ 28 \\ 758 \\ 758 \\ 56 \\ 33 \\ 58 \\ 58 \\ 58 \\ 58 \\ 58 \\ 58 \\ 58$	$2,482 \\ 1,374 \\ 33 \\ 65 \\ 22 \\ 830 \\ 7 \\ 60 \\ 20 \\ 56 \\ 1,374 \\ 1,37$	2, 343 1, 301 26 54 22 814 4 36 29 57	$\begin{array}{c} 5,570,507\\ 3,455,470\\ 148,336\\ 52,000\\ 60,503\\ 1,622,830\\ 7,871\\ 63,845\\ 96,188\\ 63,514 \end{array}$
PATERSON	89	1, 492	1, 586	1, 661	1, 739	1, 660	1, 678	1, 734	1, 780	1, 823	1, 827	1, 782	1, 651	8, 288, 990
Classification of establishments										······			·	· · ·
General contractors. Building. Building not specialized. Residential building only. Highway and street paving. Other classes <sup>17</sup> .	20 14 11 3 3 3	$1,194\\448\\442\\6\\3\\743$	1,322 586 580 6 5 731	1, 365 590 583 7 5 770	1, 486 053 640 13 825	${ \begin{smallmatrix} 1,456\\ 604\\ 593\\ 11\\ 29\\ 823\\ \end{smallmatrix} }$	1,4645905791147827	1, 494 520 514 12 81 887	1, 512 501 492 9 100 911	1,515 540 533 7 103 872	1, 532 574 566 8 95 863	1, 506 582 576 6 99 825	1, 361 582 576 6 29 750	2, 644, 629 1, 487, 643 1, 465, 185 22, 458 97, 696 1, 059, 290
Subcontractors Electrical. Heating and plumbing Plumbing Plumbing and heating combined Other classes <sup>18</sup>	$19 \\ 3 \\ 10 \\ 4 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6$	298 19 130 60 70 149	$264 \\ 16 \\ 110 \\ 43 \\ 67 \\ 138$	$296 \\ 16 \\ 114 \\ 52 \\ 62 \\ 166$	$253 \\ 16 \\ 109 \\ 45 \\ 64 \\ 128$	204 16 117 47 70 71	$214 \\ 15 \\ 113 \\ 32 \\ 81 \\ 80$	$240 \\ 22 \\ 124 \\ 38 \\ 86 \\ 94$	$268 \\ 32 \\ 110 \\ 43 \\ 76 \\ 117$	308 26 147 72 75 135	$295 \\ 24 \\ 156 \\ 82 \\ 74 \\ 115$	276 27 153 77 76 96	290 24 135 68 67 131	844, 361 56, 940 251, 587 110, 069 141, 518 335, 834
Length of working week •						[								
General contractors. 40-hour, 5-day week. 44-hour, 5½-day week. 54-hour, 6-day week. 60-hour, 6-day week.	20 14 - 1 4 1	${ \begin{smallmatrix} 1, 194 \\ 448 \\ 22 \\ 24 \\ 700 \end{smallmatrix} }$	$\begin{array}{c}1,322\\586\\10\\26\\700\end{array}$	1, 365 590 8 17 750	1,486 053 13 20 800	1, 456 604 8 44 800	$^{1,464}_{\begin{array}{c}590\\8\\66\\800\end{array}}$	${ \begin{smallmatrix} 1,  494 \\ 526 \\ 11 \\ 157 \\ 800 \\ \end{smallmatrix} }$	1, 512 501 18 193 800	1, 515 540 20 146 800	1, 532 574 29 129 800	1,506 582 32 142 750	1, 361 582 31 48 700	$\begin{array}{c} 2,644,629\\ 1,487,643\\ 17,829\\ 166,657\\ 972,500 \end{array}$
Subcontractors. 40-hour, 5-day week. 44-hour, 5½-day week. Not reported.	19 15 3 1	298 202 96	264 166 98	206 180 116	253 171 82	204 176 27 1	$214 \\ 179 \\ 34 \\ 1$	$240 \\ 194 \\ 45 \\ 1$	$268 \\ 203 \\ 54 \\ 11$	308 221 77 10	295 240 53 2	276 237 31 8	290 218 68 4	644, 361 432, 678 203, 919 7, 764

#### TABLE 7 .--- WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

	Estab- lish-	· ;	NUMBER	EMPLOY	ED ON 15	TH DAY C	F THE M	ONTH OR	NEARES	T REPRE	SENTATI	VE DAY-	_	Wages paid
CLASSIFICATION OF ESTABLISTIMENTS AND LENGTH OF WORKING WREK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	during
TRENTON	55	981	999	1, 034	1, 125	1, 218	1, 269	1, 373	1, 573	1, 772	1, 844	1, 756	1, 517	\$2, 809, 749
Classification of establishments														
General contractors <sup>6</sup> Building <sup>6</sup> Street paving and highway Other classes <sup>19</sup>	23 14 5 4	488 291 96 101	524 288 90 146	556 371 69 116	851 371 140 140	677 321 155 201	689 334 153 202	770 302 224 244	948 345 280 323	1, 094 338 365 391	1, 177 345 408 426	1, 116 825 271 520	927 264 169 494	1, 750, 127 715, 052 335, 759 699, 316
Subcontractors. Concreting <sup>20</sup> Heating and plumbing. Painting and decorating <sup>21</sup> Roofing and sheet-metal work. Sheet-metal work. Roofing and sheet metal combined. Marble and tiling. Other classes <sup>22</sup>	. 9	493 62 115 60 134 48 86 34 88	475 55 113 60 133 49 84 34 84 34 80	478 56 123 66 127 47 80 27 79	$\begin{array}{c} 474\\ 54\\ 116\\ 67\\ 114\\ 41\\ 73\\ 31\\ 92\\ \end{array}$	541 79 104 75 112 39 73 37 134	580 99 99 84 106 37 69 41 151	$egin{array}{c} 603 \\ 93 \\ 116 \\ 86 \\ 116 \\ 40 \\ 76 \\ 43 \\ 149 \end{array}$	625 89 123 83 128 56 72 35 167	678 110 122 76 163 71 92 33 174	667 86 123 76 174 85 89 34 174	640 65 121 66 189 98 91 28 171	590 44 119 50 185 97 88 28 164	$\begin{array}{c} 1,059,622\\ 125,417\\ 232,811\\ 141,310\\ 186,314\\ 76,373\\ 109,941\\ 71,366\\ 302,904\\ \end{array}$
Length of working week <sup>9</sup> (General contractors <sup>6</sup> 40-hour, 5-day week All other 5-day week 54-hour, 5-2-day week 60-hour, 6-day week All other 6-day week	23 7 1 8 3 1	488 184 7 120 57 80 40	524 182 7 149 86 60 40	556 209 7 186 69 45 40	651 250 12 162 77 100 50	677 221 12 175 104 115 50	689 224 13 198 92 112 50	770 194 13 275 80 148 60	948 218 12 346 109 203 60	$1,094 \\ 211 \\ 12 \\ 404 \\ 103 \\ 304 \\ 60$	1, 177 221 9 451 119 327 50	$1,116 \\ 193 \\ 9 \\ 552 \\ 107 \\ 215 \\ 40$	$927 \\ 162 \\ 5 \\ 524 \\ 74 \\ 122 \\ 40$	$1,750,127\\404,356\\26,662\\801,004\\126,470\\266,235\\124,800$
Subcontractors. 40-hour, 5-day week 50-hour, 5-day week 44-hour, 612 day week 48-hour, 0-day week 54-hour, 0-day week 60-hour, 0-day week Not reported.		498 372 4 40 51 	475 351 49 51 13 8	478 341 6 54 54 54	474 844 50 53 15 8	541 404 3 48 60 	580 416 7 46 62 19 20	603 428 6 47 60 19 33 10	625 438 61 57 19 34 8	678 500 4 60 50 19 37 8	667 487 59 58 19 31	640 476 52 51 19 29	590 458 2 54 42 	$\begin{array}{r} 1,059,622\\797,121\\10,000\\97,484\\89,310\\11,156\\39,388\\15,163\end{array}$

<sup>1</sup> Includes refuse disposal plant.
<sup>1</sup> Includes foundation; central station, light and power plants; and miscellaneous, n. e. s.
<sup>2</sup> Includes highways and steet paving.
<sup>4</sup> Includes elevator construction.
<sup>4</sup> Includes sewer, gas, water, conduit; dam and reservoir; and dredging, river, harbor, etc.
<sup>5</sup> Includes sewer, gas, water, conduit; waterworks; and dredging, river, harbor, etc.
<sup>6</sup> Includes highways; sewer, gas, water, conduit; waterworks; and dredging, river, harbor, etc.
<sup>8</sup> Includes scorrefung; electrical; sheet metal; and grading.
<sup>9</sup> See complete classification in the tabulation for the State, above.
<sup>10</sup> Includes brighway; sewer, gas, water, conduit, and dredging, river, harbor, etc.
<sup>11</sup> Includes brighway; sewer, gas, water, conduit, and dredging, river, harbor, etc.
<sup>11</sup> Includes brighway; sewer, gas, water, conduit, and dredging, river, harbor, etc.
<sup>11</sup> Includes brighway; sewer, gas, water, conduit, and dredging, river, harbor, etc.
<sup>11</sup> Includes brighway is ever, gas, water, conduit, and dredging, river, harbor, etc.
<sup>11</sup> Includes brighway is ever, gas, water, conduit, and dredging, river, harbor, etc.
<sup>11</sup> Includes brighway is ever, gas, water, conduit, and dredging, river, harbor, etc.
<sup>12</sup> Includes plumbing and heating combined.
<sup>13</sup> Includes railroad fooring; central station, light and power plant; and miscellaneous n. e. s.
<sup>14</sup> Includes railroad; foundation; central station, light and power plant; and metal work, miscellaneous n. e. s.
<sup>15</sup> Includes bridge and culver; and sewer, gas, water, conduit.
<sup>16</sup> Includes masonry and stonework;
<sup>17</sup> Includes masonry and stonework.
<sup>18</sup> Includes masonry and stonework.
<sup>19</sup> Includes masonry and wood flooring; electrical; steel; erection; excavating and sewer, gas, water, conduit.
<sup>19</sup> Includes masonry and wood flooring; electric

#### TABLE 8.-EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929

	ts		PRINCIPAL 1	TEMS OF EX	PENDITURE		<u></u>	OTHE	R ITEMS C	OF EXPEN	DITURE		
	ing	Value of			<u> </u>	Sal	aries	Ren	t for			Compen-	
CLASSIFICATION OF ESTABLISHMENTS	Establishments reporting	construction business reported	Subcon- tract work let	Wages paid	Cost of material	Proprie- tors and firm members		Equip- ment	Offices, etc.	Interest	Con- tract bond promi- ums	sation and liability insurance premiums	All other overhead expenses
NEW JERSEY	1, 319	\$270, 274, 115	\$58, 220, 000	\$60, 539, 514	\$101,812,620	\$1,488,969	\$13,465,090	\$1,548,984	\$1,302,980	\$1,164,570	\$824, 957	\$2, 939, 566	\$15, 452, 394
Operative builders	23	6, 198, 248	4, 440, 000	518, 105	693, 125	6, 188	290, 227	115	2, 080	87, 880	430	18, 016	239, 169
General contractors Building Oormercial building only Manufacturing building only Residential building only Highway Bridge and culvert Grading	631 455 271 23 55 150 55 9 10	114, 153, 057 70, 042, 029 8, 866, 024 20, 916, 962 14, 328, 042 23, 012, 667 9, 663, 191 1, 972, 854	$\begin{array}{c} 41, 382, 000\\ 28, 559, 000\\ 7, 619, 000\\ 286, 000\\ 4, 918, 000\\ 2, 538, 000\\ 552, 000\\ \end{array}$	21, 926, 820 16, 206, 116 405, 662 2, 086, 707 3, 228, 335 5, 513, 570 1, 697, 805 915, 085	$\begin{array}{c} 17, 365, 726\\ 503, 679\\ 14, 825, 177\\ 4, 034, 855\\ 7, 943, 269\\ 3, 306, 155\\ 421, 703\end{array}$	$\begin{array}{c} 556, 136\\ 392, 896\\ 266, 498\\ 31, 784\\ \hline 94, 614\\ 53, 266\\ 3, 120\\ 10, 820\\ 0, 762\\ 7, $	4, 406, 039 3, 391, 010 139, 082 360, 381 515, 560 1, 202, 017 436, 849 214, 203	$\begin{array}{c} 136, 638\\ 119, 811\\ 2, 579\\ 7, 488\\ 6, 760\\ 670, 103\\ 63, 086\\ 4, 367\end{array}$	405, 372 1, 560 17, 837 64, 503 12, 390 7, 820	$\begin{array}{c} 470, 202\\ 290, 404\\ 15, 801\\ 1, 439\\ 162, 558\\ 99, 510\\ 16, 362\\ 30, 488 \end{array}$	208, 581 1, 089 978 1, 090 248, 352 4, 554 5, 067	1, 528, 245 1, 356, 488 13, 528 83, 889 74, 340 249, 211 179, 470 28, 301	589, 208 339, 024 2, 507, 428 2, 854, 864 287, 742
Residential building only Highway Grading Street paving Sewer, gas, water, conduit <sup>1</sup> Waterworks Dredging, river, harbor, etc Railroad Foundation Other classes <sup>2</sup> Subcontractors		7, 813, 597 8, 103, 085 1, 103, 790 2, 481, 721 2, 166, 325 141, 265 16, 584, 212 76, 815, 103	456,000 250,000 62,000 30,000 38,000 4,000 1,566,000 1,902,000	250, 318 689, 745 843, 485 55, 894 4, 383, 071	$\begin{array}{c} \mathbf{3, 175, 331} \\ \mathbf{459, 044} \\ \mathbf{464, 641} \\ \mathbf{606, 081} \\ \mathbf{40, 082} \\ \mathbf{7, 292, 650} \end{array}$	38, 520 26, 247 7, 902 10, 200 16, 165 	461, 295 110, 590 278, 111 157, 280 4, 490 745, 230	31, 857 25, 152 30, 620 38, 916 	26,075 2,210 16,095 7,114 600	40, 603 6, 243 40, 156 6, 881 2, 510 20, 507	80, 595 84, 792 13, 843 12, 425 6, 760 1, 182 95, 213	105, 608 11, 450 27, 421 27, 985 1, 837	735, 108 816, 176 86, 008 559, 633 160, 530 8, 635 661, 845 4, 302, 356
Subcontractors	28 15 78 4 279 62 3 143 71 41	$\begin{array}{c} 1,874,567\\ 2,500,614\\ 5,854,008\\ 3,118,062\\ 27,770,572\\ 11,461,976\\ 1,391,988\\ 10,664,066\\ 4,252,542\\ \end{array}$	$\begin{array}{c} 67,000\\ 25,000\\ 52,000\\ 25,000\\ 790,000\\ 514,000\\ 24,000\\ 229,000\\ 23,000\end{array}$	493, 421 912, 509 1, 702, 772 338, 902 6, 785, 086 2, 343, 762 443, 321 2, 881, 081 1, 117, 522	870, 140 905, 523 2, 577, 635 2, 286, 675 14, 325, 094 6, 182, 442 617, 311 5, 360, 565 2, 158, 776	25, 530 7, 080 99, 579 485, 525 95, 289 2, 200 266, 231 121, 805	136, 341 162, 162 527, 706 58, 452 1, 690, 779 729, 697 99, 025 612, 116 249, 941	$\begin{array}{r} 330\\15,672\\4,325\\200\\3,284\\1,200\\\hline1,504\\580\end{array}$	9, 638 10, 132 82, 466 1, 808 173, 161 60, 052 9, 939 63, 275 39, 895	$\begin{array}{c} 7,056\\ 13,224\\ 20,978\\ 1,122\\ 105,173\\ 34,165\\ 1,986\\ 46,002\\ 23,020\\ \end{array}$	1, 174 2, 937 16, 096 55, 785 31, 532 230 17, 029 6, 988	8, 983 24, 304 32, 248 17, 343 140, 045 62, 592 0, 349 48, 075 20, 029	$\begin{array}{c} 63,518\\ 160,809\\ 369,813\\ 24,810\\ 1,316,017\\ 575,032\\ 90,226\\ 430,002\\ 220,697\end{array}$
Masonry Painting and decorating Glass and glazing. Plastering and lathing Roofing and sheet-metal work Sheet-metal work. Roofing and sheet metal combined. Steel erection Stoel erection	8 11 88	2, 734, 972 1, 904, 875 767, 723 597, 625 5, 089, 867 1, 014, 470 2, 009, 513 1, 075, 878 13, 325, 791	$142,000 \\ 11,000 \\ 19,000 \\ 02,000 \\ 84,000 \\ 26,000 \\ 26,000 \\ 39,000 \\ 19,000 \\ 157,000 \\ 15$	$\begin{array}{c} 1,041,790\\ 049,907\\ 141,931\\ 264,894\\ 1,471,794\\ 544,810\\ 620,175\\ 306,809\\ 1,760,245 \end{array}$	539, 537 340, 346 193, 279 2, 001, 834 692, 612 880, 635 428, 587 8, 658, 837	46, 474 45, 276 8, 900 20, 228 91, 187 49, 898 31, 632 9, 657 43, 400	$119, 247 \\70, 228 \\91, 501 \\15, 469 \\484, 106 \\170, 454 \\166, 078 \\138, 574 \\671, 716 \\$	204 162 2, 356	12, 098 4, 691 42, 233	18, 278 1, 311 35, 825 9, 918 19, 946 5, 961 25, 737	1, 691 112  947 740 200 7 1, 210	15, 939 12, 544 219, 982	$\begin{array}{c} 120,064\\77,221\\78,019\\9,122\\493,748\\210,059\\203,432\\79,367\\424,195\end{array}$
Stonework Marble and tiling Excavating Grading 4 Metal work, n. e. s Flooring, n. e. s Other classes 5 CAMDEN	8 35 14 10 4 5 26	1, 642, 322 2, 869, 750 1, 154, 118 760, 680 3, 202, 197 703, 812 874, 443 <b>3</b> , 734, 627	36, 000 109, 000 86, 000 4, 000 233, 000 	585, 386 1, 026, 041 375, 257 218, 967 867, 829 392, 245 330, 173 748, 575	621, 425 1, 076, 399 78, 047 89, 923 1, 867, 490 107, 071 275, 602 1, 522, 340	5, 200 24, 218 10, 540 9, 502 4, 000 33, 295	89, 924 237, 506 72, 014 66, 188 58, 204 101, 947 83, 538 249, 551	4, 200 21, 013 133, 569 1, 618 16, 111 49, 433	16, 250 19, 852 7, 730 1, 690 2, 338 5, 034 2, 603 9, 771	7.344	21 364 4, 715 4, 578 190 5, 331 31, 343	15, 409 12, 454 15, 556 10, 443 39, 617 16, 858 13, 002 31, 428	183, 728 221, 678 296, 418 114, 527 150, 880 116, 439 72, 260 302, 038
		2, 837, 748	387,000	543, 453	1, 120, 720	22,000	165, 542	22, 305	5, 657	11, 653	30, 514	25, 726	180, 688
General contractors <sup>6</sup> Building <sup>6</sup> Highway Other classes <sup>7</sup>	10 9 3 8	2, 837, 748 824, 396 1, 075, 009 938, 343	268,000	183, 397 165, 660 194, 396	258, 915 421, 606 440, 139	14, 200 7, 800	53, 646 44, 806 67, 090	1, 415 5, 717 15, 173	1, 420 1, 447 2, 790	8, 096 1, 170 2, 387	1, 481 12, 787 16, 246	4, 878 11, 367 9, 481	21, 064 115, 807 43, 817
Subcontractors Electrical Heating and plumbing Other classes <sup>8</sup>	11 3 4 4	896, 879 239, 943 261, 503 395, 433	1,000 1,000	205, 122 37, 205 55, 572 112, 345	401, 620 153, 408 146, 860 101, 352	11, 295 7, 707 3, 588	84, 009 1, 500 34, 128 48, 381	27, 128 27, 128	4, 114 720 2, 784 610	14, 346 900 1, 167 12, 279	829 829	5,702 431 1,824 3,447	121, 350 24, 511 32, 667 64, 172
ELIZABETH		8, 079, 925	1, 622, 000	1, 694, 359	1	65, 584	412, 112	208, 918	33, 549	48, 715	21, 382	60, 755	461,080
General contractors <sup>6</sup> Building Building not specialized <sup>6</sup> Residential building only Other classes <sup>6</sup>	34 30 18 12 4	6, 231, 297 4, 128, 456 3, 346, 514 781, 942 2, 102, 841	$\begin{array}{c} 1,386,000\\ 1,039,000\\ 747,000\\ 292,000\\ 347,000\end{array}$	1, 204, 881 789, 462 654, 338 135, 124 415, 419	285, 346	16, 838 16, 838 7, 271 9, 567	282, 997 195, 347 189, 887 5, 460 87, 650	206, 402 6, 800 6, 300 500 199, 602	20, 503 8, 814 8, 230 584 11, 689	$\begin{array}{c} 32,995\\ 21,550\\ 16,978\\ 4,572\\ 11,445\end{array}$	21, 002 8, 079 8, 079 12, 923	49, 607 30, 059 28, 219 1, 840 19, 548	351, 555 145, 149 126, 665 18, 484 206, 406
Subcontractors Heating and plumbing Plumbing, Painting, decorating and glazing Steel erection <sup>10</sup> Other classes <sup>11</sup>	25 9 5 4 8 3 7	$\begin{array}{c} 1,848,628\\ 373,980\\ 209,075\\ 164,905\\ 273,623\\ 655,129\\ 545,896 \end{array}$	236, 000 2, 000 230, 000 4, 000	$\begin{array}{c} 489,478\\ 107,059\\ 61,253\\ 45,806\\ 114,474\\ 149,320\\ 118,625\end{array}$	733, 224 193, 697 119, 126 74, 571 88, 001 173, 920 277, 606	$\begin{array}{c} 48,746\\ 16,831\\ 2,080\\ 14,751\\ 5,000\\ 4,611\\ 22,304 \end{array}$	$\begin{array}{c} 129, 115\\ 21, 442\\ 6, 945\\ 14, 497\\ 11, 060\\ 45, 945\\ 50, 668 \end{array}$	2, 516  2, 118 398	13,046 2,261 1,019 1,242 3,967 1,898 4,920	$\begin{array}{c} 15,720\\ 2,505\\ 1,923\\ 582\\ 2,216\\ 8,046\\ 2,953\end{array}$	380 50 50 50 330	11, 148 1, 724 924 800 2, 517 4, 107 2, 800	$100, 525 \\ 25, 641 \\ 12, 505 \\ 13, 136 \\ 23, 754 \\ 26, 860 \\ 33, 270 \\ \end{cases}$
JERSEY CITY	76	87, 004, 448	5, 507, 000		19, 113, 116	69, 144	1, 346, 850	47, 718	81, 493	62, 537	78, 907	211, 958	1, 449, 175
General contractors <sup>6</sup> Building <sup>6</sup> Street paving Other classes <sup>13</sup>	30 22 3 5	31, 581, 658 28, 649, 951 632, 819 2, 298, 888	$5, 179, 000 \\ 4, 600, 000 \\ 47, 000 \\ 532, 000$	3, 600, 091 148, 839 630, 661	16, 873, 245 16, 226, 691 242, 738 403, 816	18, 522 13, 322 5, 200	$\begin{array}{c} 874,435\\684,772\\61,027\\128,636\end{array}$	41, 759 28, 778 11, 051 1, 930	39, 336 19, 190 5, 888 14, 258	28, 739 18, 889 939 8, 911	68, 522 61, 141 4, 657 2, 724	$170, 663 \\ 138, 660 \\ 7, 005 \\ 24, 992$	1,079,161693,36952,922 $332,870$
Subcontractors. Concreting and stonework. Electrical. Heating and plumbing. Heating and plping <sup>13</sup> . Plumbing. Painting and decorating. Class and glazing. Roofing and sheet-metal work. Steel erection. Marble and tiling. Other classes <sup>14</sup> .	46 4 5 14 9 5 4 5 3 3 4	$\begin{smallmatrix} 5, 422, 785\\ 434, 707\\ 262, 013\\ 1, 773, 248\\ 874, 011\\ 899, 237\\ 568, 622\\ 523, 229\\ 415, 716\\ 651, 210\\ 337, 373\\ 456, 667\\ \end{smallmatrix}$	328,000 11,000 188,000 162,000 26,000 17,000 34,000 8,000 70,000	$\begin{array}{c} 1, 381, 386\\ 151, 645\\ 40, 332\\ 391, 251\\ 159, 473\\ 231, 778\\ 186, 224\\ 109, 702\\ 97, 337\\ 105, 488\\ 110, 935\\ 98, 472\\ \end{array}$	2, 230, 871 124, 951 127, 891 805, 229 400, 178 390, 051 292, 419 231, 030 196, 551 212, 027 133, 328 116, 445	50, 622 3, 960 11, 140 13, 032 13, 032 14, 690 3, 900 3, 900	23, 498 71, 348	5, 984 254 500 500  4, 200 1, 000	$\begin{array}{r} 42,157\\ 3,046\\ 3,014\\ 10,982\\ 5,834\\ 5,148\\ 2,029\\ 8,400\\ 1,560\\ 9,376\\ 1,050\\ 2,700\\ \end{array}$	$\begin{array}{c} 33,708\\721\\1,219\\6,334\\3,120\\3,214\\1,112\\16,26\\1,709\\1,772\\1,159\\3,422\end{array}$	10, 385 711 1, 387 6, 987 4, 213 2, 774 100 1, 200	41, 296 2, 558 816 4, 745 2, 917 1, 828 6, 857 2, 549 4, 076 11, 335 2, 236 6, 125	$\begin{array}{c} 370,014\\ 22,208\\ 13,925\\ 55,735\\ 33,309\\ 22,306\\ 8,712\\ 55,142\\ 50,022\\ 50,929\\ 37,463\\ 65,928\\ \end{array}$

See footnotes at end of table.

#### TABLE 8.--EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929-Continued

	ts		PRINCIPAL I	TEMS OF EX	FENDITURE			OTHER	ITEMS C	)F EXPEN	DITURE		
CLASSIFICATION OF EBTABLISHMENTS	ting	Value of construction				Sal	aries	Ren	t for		Con-	Compen-	
	Establishments reporting	business reported	Subcon- tract work let	Wages paid	Cost of material	Proprie- tors and firm members	Employ- ees	Equip- ment	Offices, etc.	Interest	tract bond premi- ums	sation and liability insurance premiums	All other overhead expenses
NEWARK.	194	\$68, 750, 963	\$16, 189, 000			11 – °	\$3, 438, 704	\$246, 312	\$285, 765	8170, 290	.\$98, 055	\$373, 352	\$2, 727, 753
General contractors <sup>6</sup> Building Commercial building only Residential building only Street paving and highway Sewer, gas, water, conduit <sup>1</sup> Other classes <sup>16</sup>	04 41 15 5 3 4	7,779,841 1,917,022	917,000 148,000	295, 511 716, 311 484, 921	673, 036 429, 873		129, 112 153, 641 91, 634	9, 142 830 450 95, 905 6, 100	2,910 5,264 22,494	1,844 13,532 14,731 3,118	29, 656 29, 531 125 27, 280	95, 900 6, 338 3, 433 27, 089	$\begin{matrix} 1, 565, 904\\ 431, 734\\ 347, 009\\ 41, 044\\ 43, 681\\ 378, 137\\ 93, 281\\ 662, 842 \end{matrix}$
Subcontractors. Carpentering and wood flooring Electrical. Heating and plumbing Heating and piping <sup>16</sup> Plumbing. Masonry and concreting. Painting and decorating. Roofing and sheet-metal work Stonework. Marble, tiling, and plastering Excavating and grading Other classes <sup>17</sup> .	48 19 29 6 3 7	336, 802 2, 589, 046 10, 336, 459 6, 980, 210 3, 347, 249	10,00051,000322,000172,000150,0009,0008,00061,00015,000	$\begin{smallmatrix} 827, 591\\ 2, 454, 622\\ 1, 489, 265\\ 965, 357\\ 965, 624\\ 145, 624\\ 145, 624\\ 142, 197\\ 489, 377\\ 237, 432\\ 131, 473\\ \end{smallmatrix}$		28, 300 88, 615 38, 460 50, 155 2, 600 3, 880 5, 382 15, 200 	$\begin{array}{c} 15,352\\ 266,744\\ 091,948\\ 433,994\\ 257,954\\ 55,480\\ 13,840\\ 46,115\\ 164,445\\ 28,410\\ 24,954\end{array}$	3,945  5,907 204 	43, 307 25, 038 18, 269 4, 140 4, 350 2, 576	$\begin{array}{c} 1,385\\ 9,082\\ 15,563\\ 9,211\\ 6,352\\ 8,970\\ 25\\ 2,298\\ 5,710\\ 3,820\\ 2,932\\ 6,48\end{array}$	8, 599 13, 526 6, 103 7, 423 25 15 	$\begin{array}{c} 1,339\\ 16,234\\ 60,764\\ 43,320\\ 17,444\\ 13,019\\ 3,599\\ 7,894\\ 63,451\\ 8,188\\ 1,815\\ 4,195\end{array}$	346, 611 122, 030
PATERSON	. 38	13, 256, 691	2, 942, 000	3, 294, 103		IL_ ''		83, 310	88, 350	31, 141	21, 512	175, 632	798, 255
General contractors Building Highway and street paving Other classes <sup>18</sup>		9, 859, 021 6, 399, 206 390, 346 3, 069, 469	2, 842, 000 32, 000	1,457,060 97,696	1,747,052 168,064		559, 541 250, 039 26, 710 282, 792	15,365	28,106 15,636 1,170 11,300	2.673	13,463	53, 642 3, 019	598, 120 307, 612 35, 778 254, 730
Subcontractors Electrical Heating and plumbing Plumbing Plumbing and heating combined Roofing and sheet-metal work Other classes <sup>19</sup>	. 3 11 5 6 3	523, 300	43,000 33,000 10,000 5,000	$\begin{array}{c} 56,940\\ 269,683\\ 128,165\\ 141,518\end{array}$	232, 885 525, 605 255, 517 270, 088 94, 590	24, 875 19, 029 5, 846 9, 034	$\begin{array}{c c} 25,352\\78,260\\31,074\\47,195\\27,196\end{array}$	200 375 375	6, 992 4, 183 2, 809 1, 680	234 7,010 6,150 860 317	25 381	1,043 4,408 1,825 2,583 2,945	$\begin{array}{c} 200, 135\\ 35, 331\\ 59, 787\\ 25, 461\\ 34, 326\\ 22, 249\\ 82, 768\end{array}$
TRENTON		17, 459, 631	2, 166, 000	3, 013, 941	7, 368, 665	84, 174	764, 211	176, 600	444, 676	52, 051	77, 902	187, 337	2, 551, 400
General contractors Building Street paving and highway Other classes <sup>20</sup>	22 13 5	4, 922, 490	1, 946, 000 115, 000	873, 382 335, 759	966, 050	17, 080	102.013	14 149.036	421, 597 413, 229 5, 718 2, 650	15,974 5,430	19,710	34, 787 15, 021	2, 294, 243 97, 118 46, 174 2, 150, 951
Subcontractors Concreting <sup>21</sup> Heating and plumbing Heating and piping Plumbing <sup>13</sup> Flooring, n. e. s. <sup>22</sup> Roofing and sheet-metal work Other classes <sup>23</sup>	31 5 8 5 3 5 10	448, 175 1, 018, 293 916, 735 101, 558	65, 000 65, 000	$125, 417 \\ 238, 377 \\ 221, 626 \\ 16, 751 \\ 131, 310 \\ 177, 428$	179, 837 564, 184 504, 562 59, 622 83, 071 207, 775	20. 200	$\begin{array}{r} 28,065\\60,385\\49,136\\11,250\\37,447\\58,548\end{array}$	5, 402 340 340  100	6, 402 2, 930 2, 184	3, 911 4, 897 4, 739 158 808 8, 234	314	2, 130 4, 681 4, 465 216 5, 643 5, 867	257, 157 43, 291 37, 440 35, 549 1, 891 62, 875 41, 823 70, 728

<sup>1</sup> Includes refuse disposal plant.
<sup>1</sup> Includes power-plant work; and miscellaneous, n. e. s.
<sup>3</sup> Includes ornamental iron.
<sup>4</sup> Includes highway and street paving.
<sup>5</sup> Includes sower, gas, water, conduit; dam and reservoir; and dredging, river, harbor, etc.
<sup>6</sup> Includes sower, gas, water, conduit; waterworks; and dredging, river, harbor, etc.
<sup>6</sup> Includes sower, gas, water, conduit; waterworks; and dredging, river, harbor, etc.
<sup>6</sup> Includes concreting; grading; and sheet metal.
<sup>7</sup> Includes bighway; sewer, gas, water, conduit; and dredging, river, harbor, etc.
<sup>8</sup> Includes bighway; sewer, gas, water, conduit; and dredging, river, harbor, etc.
<sup>11</sup> Includes corpentering and wood flooring; electrical; masonry; roofing; and excavating.
<sup>12</sup> Includes plumbing and heating combined.
<sup>14</sup> Includes crapentering; excavating; ornamental iron.
<sup>15</sup> Includes raincai; foundation; central station, light and power plant; and miscellaneous, n. e. s.
<sup>16</sup> Includes bridge and culvert; and sewer, gas, water, conduit.
<sup>19</sup> Includes bridge and divort; and sewer, gas, water, conduit.
<sup>10</sup> Includes bridge and culvert; and sewer, gas, water, conduit.
<sup>11</sup> Includes bridge and culvert; and sewer, gas, water, conduit.
<sup>12</sup> Includes bridge and culvert; and sewer, gas, water, conduit.
<sup>13</sup> Includes bridge and culvert; and sewer, gas, water, conduit.
<sup>14</sup> Includes bridge and culvert; and sewer, gas, water, conduit.
<sup>15</sup> Includes bridge and culvert; sewer, gas, water, conduit.
<sup>16</sup> Includes bridge and culvert; sewer, gas, water, conduit.
<sup>16</sup> Includes bridge and culvert; sewer, gas, water, conduit.
<sup>16</sup> Includes bridge and culvert; sewer, gas, water, conduit.
<sup>16</sup> Includes bridge and culvert; sewer, gas, water, conduit.
<sup>16</sup> Includes bridge and culvert; sewer, gas, water, conduit.
<sup>16</sup> Include

#### TABLE 9.—COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, BY KIND

. · · ·	COST O	F MA'	TERIALS	REPORTED	BY-		COST OI	F MAT	ERIALS	REPORTED	ВҮ
	All classe	s of ents	stab-				All classe lishi	es of ente	stab-		
KIND OF MATERIAL			Per \$1,000 construction work done <sup>1</sup>	General con- tractors ?	Subcon- tractors	KIND OF MATERIAL	lishr	Per cent dis- tribution	Per \$1,000 construction work done 1	General con- tractors <sup>2</sup>	Subcon- tractors
NEW JERSEY						CAMDEN-Continued					
All kinds of material Distribution not reported	\$110,024,711 19, 329, 629	17.6	\$468.07	\$70,242,705 13, 420, 639	\$39,782,006 5, 908, 990	Distributed by kind—Contd. Metal doors, windows, and trim	\$2, 603 3, 980	0.2	\$0.88 1.34	\$2, 603 3, 980	
Distributed by kind Sand, gravel, stone, slag, cinders,	90, 695, 082	100. 0				Metal and wire lath and furring Ornamental motal work Lumber, rough and finished	400 86, 701	(4) 6,4		400 83, 933	\$2,768
etc. Brick (face, common, fire, paving,	6, 651, 259			6, 060, 780 2, 593, 029		Lath, shingles, and shakes (wood) Millwork Composition board	550 18,960 2,344	( <sup>4</sup> ) 1.4 .2	. 19 6. 40 . 79	550 18, 560 2, 344	400
etc.) Tile (fireproofing) Tile, facing, terra cotta, floor and wall	2, 801, 028 209, 346	.3	1.54	244, 727	54, 619	Waterproofing materials Hardware, rough and finished	2, 344 7, 671 13, 109 7, 862	1.0	2.59 4.42	2, 344 7, 522 12, 251 7, 681	858
wall Concrete and cinder block Cut stone, granite, and marble Riprap, rubble, etc Cement Lime Plaster, etc Structural stoel Reinforcing steel Cast iron, miscellaneous, oxcluding pipe Metal doors, windows, and trim	1, 088, 582 892, 084 1, 660, 661	$  1.0 \\ 1.8$	4,61	782, 687	109, 397 763, 730	Waterproofing materials. Hardware, rough and finished Paints, varnishes, glass. Roofing and sheet metal. Finished flooring other than ce- ment, wood, or tile. Screens, shades, awnings, etc. Heating and ventilating equipment. Plumbing and gas-fitting equipment. Bleetrical appliances and supplies Pipe: Drain tile, corrugated. Pipe: Cast-iron, sheet and tube steel, etc	65, 826	4. {	22, 21	6, 050	59,776
Riprap, rubble, etc	488, 597 5, 718, 012 299, 405	6.3		170 888	9 091	ment, wood, or tile Screens, shades, awnings, etc Heating and ventilating equipment	2, 579 500 84, 722	(i)	1.17	500	
Lime Plaster, etc Structural steel	209, 408 484, 524 11, 076, 952	.5 312.2	2.50	5, 237, 217 219, 280 377, 080 3, 010, 591 3, 008, 949	80, 125 107, 438 8, 066, 361	Plumbing and gas-fitting equipment. Electrical appliances and supplies	20, 509 154, 935	) 1.	5 6.92	2,648	17,861
Reinforcing steel Cast iron, miscellaneous, excluding	3, 056, 865 633, 479		15,77	3, 008, 949	47, 916	Pipe: Drain tile, vitrified, concrete, segment tile, corrugated Pipe: Cast-iron, sheet and tube steel,	45, 711				
Motel and wire leth and furring	188, 179	.4	1.62	021, 599 200, 939 113, 059 76, 080 5, 214, 560 186, 623 2, 079, 838 572, 412	11, 880 113, 704 75, 120	etc	57, 885 10, 979	5 4.	3 19.53 3 3.70	9,779	1,200
Ornamental metal work Lumber, rough and finished Lath, shingles, and shakes (wood)	450, 262 5, 888, 777 223, 442	6.5	2, 32 30, 39 1, 15	5, 214, 560 186, 623	374, 176 674, 211 36, 819	asphalt, and oil	20, 933 20, 583 36, 441	3 1. 5 1. 1 2.	3 7.00 5 8.95	20, 933 20, 585	5
	9 916 990	2.4			, and 100	Machinory Freight, hauling or trucking to job. Motal products, n. e. s. (including metal furniture) Mineral products (nonmetallic) n. e. s. Miscollaneous	9, 560	1	3.23	8, 529	1,037
Millwork Composition board Waterproofing materials	767, 564 1, 222, 645 2, 162, 627	.8	3, 96 6, 31	715, 853 409, 371	813,274	Mineral products (nonmetallic) n. e. s. Miscellaneous	31 2,430	5 (1)	.01	2, 430	j 
Roofing and sheet metal. Finished flooring other than ce-	2, 162, 627 172, 122	ł	1	157, 474	1, 855, 351 14, 648	ELIZABETH					
Finished flooring other than ce- ment, wood, or tile	172, 122 63, 169 9, 618, 500	3 10. C	. 33 49, 64	61, 437 2, 938, 052	14, 648 1, 732 6, 680, 448	All kinds of material Distribution not reported			3		100, 642
Plumbing and gas-fitting equip- ment	7, 323, 408 4, 151, 560	38.1 4.0	37.80 21.42	2, 845, 768 1, 386, 747	4, 477, 640 2, 764, 813	Distributed by kind Sand, gravel, stone, slag, cinders,	2, 560, 670 83, 788			1, 624, 520 67, 342	
Elevators, dumb-waiters, and equipment Pipe: Drain tile, vitrified, concrete,	2, 195, 232		11, 33	4, 732	2, 190, 500	etc.	37 59(	1 1	5 7.22	34, 24(	3, 350
Pipe: Cast-iron, sheet and tube	929, 062					Tile (fireproofing)	13, 399		4.44	23, 147	,
steel, etc. Wire cable, guards, and fencing Bituminous paying materials, tar,	4, 676, 026 264, 746	1.8	1.37	260, 768	8,978	Concrete and einder block Cut stone, granite, and marble Cement.	19, 152 3, 600 51, 407	2	3 3, 68 1 , 69	10, 152 2, 400	1, 200
Note and the second sec	1, 213, 724 236, 632 224, 508	1.3	3 1.22	1, 156, 062 171, 237 224, 508	65, 395			2	1 . 60 3 3, 03	2,880	280
Machinery Freight, hauling or trucking to job	3, 579, 309 362, 250	3.0	) 18,47   1,87	3, 567, 487	$11,822 \\ 4,047 \\ 22$	Plaster, etc. Structural steel. Reinforcing steel. Cast iron, miscellaneous, excluding	405, 412 15, 648	2 8 19. : 5	3 95.13 3 3.00		2 181,970 11,254
	34 3, 879, 843		( <sup>6</sup> ) 3 20, 02	2, 094, 300	1, 785, 543	Metal and wire lath and furring	1 015	4 ( <sup>4</sup> ) 7 1.		10,73	31, 318
Mineral products (nonmetallic), n. e. s Sealing materials		1.1	. 53	30, 062	73,606	Lumber, rough and fluished	1 83.000	3.	1 50     2 15.94     5 115.45     1    42     1    42	1,000	
Textiles and caulking materials Miscellaneous	878 2, 381, 869	(1) 2,6	01 3 12.29	828	51 50	Lath, shingles, and shakes (wood)	25 93	51 1.	0 4.84	25, 230	
CAMDEN						Waterproofing materials Hardware, rough and finished	1, 03 1, 73 17, 21		. 20 1 . 33 7 3. 30	1,737	2, 250
All kinds of material Distribution not reported	1, 534, 340 189, 533	12.4	453, 68	1, 120, 720 160, 941	413, 620 28, 592	Composition board Waterproofing materials Hardware, rough and finished Paints, varnishes, glass Roofing and sheet metal Finished flooring, other than cement wood on the	242, 73 75, 198	6 2	9 14.44	17,601	57,597
Distributed by kind. Sand, gravel, stone, slag, cinders, etc. Brick (face, common, fire, paving,	1, 344, 807 189, 858	100. ( 3 14. 1	64.05	959, 779 175, 333	385, 028 14, 525	wood, or one	9 61	60311.	1 67	3,510	35.88
Brick (face, common, fire, paving, etc.) Tile, facing, terra cotta, etc	20, 008	1.8 (1)	5 6.78 .09	274		Screens, shades, awnings, etc Heating and ventilating equipment. Flumbing and gas-fitting equipment Electrical appliances and supplies Fip: Drain tile, vitrified, concrete, segment tile, corrugated	169, 98 80, 85	3 6. 7 3.	32. 64 2 15. 53	11, 54	158,44
Concrete and cinder block	13, 261 7, 084		0 4.47 5 2.39 5 38.50	7,181	6, 080	Pipe: Drain tile, vitrified, concrete, segment tile, corrugated Pipe: Cast iron, sheet, and tube steel,				1	
Riprap, rubble, etc Cement Lime	215, 948 5, 101	316. J	$   \begin{array}{ccccccccccccccccccccccccccccccccccc$	201, 689 3, 601	14,259	etc. Wire cable guards and fencing	77, 86 84 17, 02	41 (4)	0 14.95 .01 7 8.27	8	4
Cement Lime Plaster, etc. Structural steel Reinforcing steel Cast iron, miscellaneous, excluding	5, 101 4, 214 11, 422 79, 960	1 . ( 2 . ( ) 5. 9		9, 597	1,825	Wood pilling and timber- Freight, hauling or trucking to job- Metal products, n. e. s. (including metal furniture)-	17, 02 2, 49			3	- 2,49
Cast iron miscellaneous, excluding	10,000	1	4 1,91	5, 648		metal furniture)	16,82 12,98	8 .		3 1,82 5,67	2 15,00 1 7,81

### TABLE 9.--COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, BY KIND-Continued

	cosr c	OF MA	TERIAI	S REPORTE			COST	DF MA	TERIATS	REPORTED	
	All classe	os of e ments	stab-		1	•	All class	es of e	estab-		
KIND OF MATERIAL	· · · · ·		Per \$1,000 construction work done <sup>1</sup>	General con- tractors <sup>2</sup>	Subcon- tractors	WIND OF MATERIAL	Amount	Per cent dis- tribution		General con- tractors <sup>2</sup>	Subcon- tractors
JERSEY CITY						NEWARK-Continued					
All kinds of material Distribution not reported		7, 1	\$604 <b>. 2</b> 6	\$16,938,876 1,115,415	\$2, 384, 779 248, 185	Distributed by kind—Contd. Heating and ventilating equipment Plumbing and gas fitting equip-	\$3, 290, 829	\$14.3	\$65.77	\$100, 956	\$3, 189, 873
Distributed by kind Sand, gravel, stone, siag, cinders, etc. Brick (face, common, fire, paving,	17, 960, 055 313, 389	100.0 1.7	10. 54	15,823,461 303,039	2, 136, 594 10, 350	Electrical appliances and supplies	1, 183, 545 1, 690, 587	5, 2 37, 4	23.66	11	1, 165, 016 1, 063, 479
- PEC.1	1 688 488	8.8 ,1	23.16 .59			Elevators, dumb-waiters, and equip- ment. Pipe: Drain tile, vitrified, concrete, sagment tile, concrete,	2, 122, 475	i .		<u>  </u>	2, 119, 675
Tile (fireproofing) Tile, facing, terra cotta, floor and wall Concrete and cinder block		. 3	1.84	84, 511 1, 674	20, 037	Pipe: Cast-iron, sheet and tube	160, 138				
Cut stone, granite and marble Riprap, rubble, etc	1, 674 135, 921 22, 916 195, 417	. 1	4. 57 .77 6. 57	16,672 22,916	119, 249	steel, etc. Wire cable, guards, and fencing Bituminous paving material, tar, asphalt and oll	167, 803 4, 764	(4)	.10	4, 764	
Lime. Plaster, etc.	44, 150 63, 042	2 .4 6.7	$1.49 \\ 2.12$	11,853 36,973	82, 297 26, 069	Wood piling and timber Ready-mixed concrete	137, 243 70, 395 184, 486	.6	1 1 40	5,000	65, 395
<ul> <li>ride, itela gotta, noor and wall.</li> <li>Concrete and cinder block.</li> <li>Cut stone, granific and marble</li> <li>Riprap, rubble, etc</li> <li>Cement</li> <li>Plaster, etc</li> <li>Structural steel</li> <li>Reinforcing steel</li> <li>Cast iron, miscellaneous, excluding pipe</li> <li>Metal doors, windows, and trim</li> <li>Metal and wire lath and furring</li> <li>Ornamental metal work</li> <li>Lumber, rough and finished</li> <li>Lumber, rough and finished</li> <li>Metare, rough and finished</li> <li>Hardware, ough and finished</li> <li>Hardware, state fields</li> <li>Hardware, state fields</li> <li>Hardware, state fields</li> <li>Hardware, rough and finished</li> </ul>	1, 204, 407 103, 267	. 6	40. 53 3, 47	101, 799	1,468	asphalt and oil- Wood piling and timber- Ready-mixed concrete. Machinery. Freight, hauling or trucking to job. Motal products, n. e. s., including metal furniture. Mineral products (nonmetallic), n. e. s Miscellaneous.	184, 486 3, 228, 514 251, 768	14.1     1.1	64.53 5.03	3, 216, 692	$11,822 \\ 218$
pipe. Metal doors, windows, and trim Metal and wire lath and furring	534, 678 70, 144 1, 391	3, 0 .4 (4)	17,99 2,36 ,05	, 70,144 1,391		metal furniture Mineral products (nonmetallic),	8,053		. 16		3, 087
Ornamental metal work. Lumber, rough and finished Lath, shingles, and shakes (wood)	84, 748 347, 829 11, 416	5 1,9 1	2,85 11,70	190 317, 686	84, 558 30, 143		5, 783 1, 926, 473	8,4	. 11 38, 50	5,783 1,918,473	8, 000
Millwork Composition board Waterprocling materials	72, 636 421, 698	2 3	. 39 2, 44 14, 19 . 08	421 666	18,901	PATERSON All kinds of material Distribution not reported	4, 566, 608		438, 85	2, 510, 533	2,056,075
Hardware, rough and finished Paints, varnishes, glass	2, 298 34, 040 435, 882 307, 633	( <sup>1</sup> ) 2.4	1.15 14.67	28, 873 13, 826	422,056	Distribution not reported	4, 566, 608 290, 071 4, 276, 537			30, 461	259, 610
Finished flooring other than cement, wood or tile	307, 633 14, 140	1.7	10.35	14, 140		Sand, gravel, stone, slag, cinders, etc. Brick (face, common, fire, paving,	4, 276, 537 471, 180		48, 35 28, 76	2, 480, 072 456, 242	
wood of the Screens, shades, awnings, etc Heating and ventilating equipment. Flumbing and gas fitting equipment. Electrical appliances and supplies Pipe: Drain tile, vitrified, concrete,	1, 610 2, 754, 628 2, 925, 452 779, 501	. 1 ( <sup>4</sup> ) <sup>3</sup> 15. 3 <sup>3</sup> 16. 3	. 05 92, 68 98, 43	1.610	396, 978 359, 363	Distributed by kind Sand, gravel, stone, slag, cinders, etc. Brick (face, common, fire, paving, etc.) Tile (fireproofing) Tile, facing, terra cotta, floor, and wall Concrete and cinder block Cut stone, granite, and marble Riprap, rubble, etc Cement Lime	280, 230 23, 344		2,40	280, 280, 280, 280, 280, 280, 280, 280,	
Electrical appliances and supplies. Pipe: Drain tile, vitrified, concrete, segment tile, corrugated	779, 501 37, 881		26. 22 1. 27	651, 610	127, 891	Concrete and cinder block. Cut stone, granite, and marble	45, 112 19, 158 29, 483	. 7	$\begin{array}{c} 4.63 \\ 1.97 \\ 3.02 \end{array}$	45,112 19,158 29,483	
Pipe: Cast-iron, sheet, and tube	3, 644, 530	2 . 20,3 <sup>8</sup>	1			Riprap, rubble, etc Cement Lime	4,069 643,511 20,021	11 15.0	. 51 66. 03 2, 05	4,969 643,511 20,021	
Bituminous paving material, tar, asphalt, and oil	$\begin{array}{c} 63,798\\ 121,500 \end{array}$	.4 .7	2,15 4.09	62, 120 121, 500	1, 678	Plaster, etc. Structural steel	5,465 1,242,901	*20.1	. 50	5,465	1, 056, 851
Machinery Chemicals and chemical products Metal products, p. a. s. (including	313, 065 12	1.7 (*)	10.58 (1)	813, 005 12		Cast iron, miscellaneous, excluding pipe	108, 985 14, 172	.3	16, 32 1, 45	158,985 14,172 564	
Mineral products (nonmetallic) n.e.s. Miscellancous	2, 088, 413 31, 036 15, 232	11.6	70.20 1.05 .51	2,073,557 36	31,000	Metal doors, windows, and trim Ornamental metal work Lumber, rough and finished	8, 964 38, 748 382, 362	.2 .9 8.9	. 92 3, 98 39, 24	38,748	8, 400 89, 800
NEWARK	10, 202	• 1	. 01	14, 002	1,230	Lime	2,060 121,449 10,803	(1) 2.8	21 12,46 1,11	292, 562 2, 060 110, 849 6, 303	10, 600 4, 500
All kinds of material. Distribution not reported	25, 320, 426 2, 350, 622	9.3	459, 09	12, 262, 805 1, 063, 936	13, 057, 621 1, 286, 686	Waterproofing materials Hardware, rough and finished	1,860	(4) 1.5	. 19 6. 76	$1,860_{-}$	4,000
Distributed by kind Sand, gravel, stone, slag, cinders,	22, 969, 804 1	00. 0		11, 198, 869	11, 770, 935	Roofing and sheet metal. Finished flooring other than cement,	82, 557	1, 9	. 65 8. 47	3,347 1,200	3,000 81,357
etc. Brick (face, common, fire, paving,	965, 444 557, 422	4.2 2.4	19.30 11.14	805, 901 548, 212	159, 543 9, 210	wood or tile Screens, shades, awnings, etc Heating and yeau tilating equipment. Plumbing and gas-fitting equip-	4,455 521 102,610	(1) (2,4)	. 46 . 05 10. 53	455 521 - 5, 369	4,000 97,241
etc.) Tilo (freproofing) Tile, facing, terra cotta, floor and	97, 248	2.4 .4 1.1	1. 94 5, 06	81, 199 153, 634	16, 049 99, 414	Plumbing and gas-fitting equip- ment	191, 051 232, 020	4.5 5.4	19. 60 23. 81	1,658 9,135	189, 303 222, 885
Tile, facing, terra cotta, lloor and wall. Concrete and cinder block Cut stone, granite, and marble Riprap, rubble, etc Cement. Lime. Plaster, etc Structural steel Cast iron, miscellaneous, excluding pipe. Metal doors, windows, and trim Metal and wire lath and furring	253, 048 114, 666 540, 197	2.4	2, 29 10, 80	87.805	26, 861 201, 321	Final and gasheing equip mentElectrical appliances and supplies Pipe: Drain tile, vitrified, concrete, segment tile, corrugated Pipe: Cast-iron, sheet, and tube steel, etc.	10, 663	. 3	1. 09		
Cement	100 760, 015 62, 907 81, 939	(4) 8.3 .3	( <sup>6</sup> ) 15, 19 1, 26	634, 614 54, 150	125,401	Wire cable, guards, and feacing Bituminous paying material, tar, asphalt, and oil Ready-mixed concrete Freight, hauling or trucking to job Mineral products (nonmetallic), n.e.s. Misealloroous	19, 881 4, 246	.5 .1	2,04 .43	9, 881 4, 246 -	10,000
Plaster, etc Structural steel Reinforcing steel	81, 939 3, 042, 188 140, 254	13.2	1.64 60.80 2.81	74,980	6,959 2,851,193 17,766	asphalt, and oil Ready-mixed concrete	16, 876 3, 720	.4 .1 .2	1. 73 . 38	16, 875 - 3, 720 -	
Cast iron, miscellaneous, excluding pipe	15, 129 82, 868		. 30	14,332 17,868	797 65,000	Freight, hauling or trucking to job Mineral products (nonmetallic), n.e.s. Miscellaneous	6, 656 35 4, 265	(4) 1	. 68	6, 656 - 35 - 4, 265 -	
Metal and wire lath and furring Ornamental metal work	55, 711 39, 983	1 4 2 3.2 3.2 1.7	$1.12 \\ .80$	20, 987 3, 975 626, 427	34, 724 36, 008	TRENTON					
Ornamental metal work Lumber, rough and finished Lath, shingles, and shakes (wood) Millwork	742, 664 44, 768 399, 680	3.2 .2 1.7	14.84 .90 7.99	25,443	116,237 19,325 17,690	All kinds of material. Distribution not reported	7, 500, 558 - 2, 214, 758	29, 5 -	481.05	5, 499, 461 1, 825, 563	2,001,097 389,195
Millwork. Oomposition board. Waterproofing materials. Hardware, rough and finished Paints, varnishes, glass. Roofing and sheet metal.	28,057	$\frac{2}{1}$	. 84 . 56 2. 58	40, 019 25, 508 111, 805	1,695 2,549 17,022	Distributed by kind Sand, gravel, stone, slag, cinders, etc. Brick (face, common, fire, paving,	5, 285, 800 1 388, 887	00. 0 7. 4	35.39	3, 673, 898 357, 350	1,611,902 31,537
Paints, varnishes, glass Roofing and sheet metal Finished flooring other than cement,	111, 969 208, 705	. 5 . 9	2. 24 4. 17	51, 284 42, 153	60, 685 166, 552	etc.) Tile (freproofing)	83, 832 7, 025	1.6	7.63	81, 905 7, 025	1,927
wood or tile_context and of table	16, 162 5, 333	(') <sup>1</sup>	.32 .11	14, 818 5, 333	1, 344	Tile, facing, terra cotta, floor, and wall	29, 472	. 6	2. 68	613	28, 859

TABLE 9.—COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, BY KIND—Continued

an a	COST O	FMA	TERIALS	REPORTEI	) BY		COST O	F MA	TERIALS	REPORTEI	) BY
	All classe lishr	s of e nents					All classe lishr	es of e nents			
KIND OF MATERIAL	Amount	Per cent dis- tribution	Per \$1,000 construction work done <sup>1</sup>	General con- tractors <sup>2</sup>	Subcon- tractors	WIND OF MATERIAL	Amount	Per cent dis- tribution	Per \$1,000 construction work done 1	General con- tractors ?	Subcon- tractors
TRENTON—Continued Distributed by kind—Contd. Concrete and cinder block Cut stone, granite, and marble Cement Plaster, etc Structural steel Rainforcing steel Cast iron, miscellaneous, excluding pipe Metal and wirelath and furring Ornamental metal work Lumber, rough and finished Lath, shingles, and shakes (wood) Millwork. Composition board Waterproofing materials Hardware, rough and finished Paints, varnishes, glass	$\begin{array}{r} 356, 901 \\ 13, 955 \\ 36, 540 \\ 1, 616, 447 \\ 1, 244, 151 \end{array}$	330,6 23,5 23,5 1,2 1,2 2,0 2,0 2,0 2,0 2,7 1,1 5 3	8.83 32.48 1.27 3.32 147.11 113.23 .31 .85 5.92 9.42 .88 3.44	$1,500 \\ 339,010 \\ 4,853 \\ 24,492 \\ 932,437 \\ 1,243,521 \\ 2,300 \\ 2,801 \\ 93,363 \\ 9,611 \\ 87,781 \\ 1,336 \\ 1,336 \\ 1,3441 \\ 1,3441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500 \\ 13,441 \\ 1,500$	\$95,545 17,801 9,102 12,048 684,010 65,050 10,168 	TRENTON—Continued Distributed by kind—Contd. Roofing and sheet metal. Finished flooring other than cement, wood or tile. Heating and youtilating equipment. Plumbing and gas-fitting equipment Electrical appliances and supplies. Pipe: Drain tile, vitrified, concrete, segment tile, corrugated. Pipe: Cast-iron, sheet and tube steel, etc. Wiro cable, guards, and fencing Bituminous paving materials, tar, asphalt, and oil. Wood piling materials Textiles and caulking materials	\$134, 823 9, 154 217, 253 132, 770 69, 474 44, 034 32, 377 197, 542 9, 029 11, 761 250 50 73, 148	$ \begin{array}{c} .2\\ 4.1\\ 2.5\\ 1.3\\ .8\\ .6\\ 3.7\\ .2\\ .2\\ .4\\ .4\\ .4\\ .4\\ .4\\ .4\\ .4\\ .4\\ .4\\ .4$	12.08 6.32 4.01 2.94 17.98 .90 1.07 .02 (5)	600 8,000 6,000 30,168 15,697 197,542 6,715 11,761	8, 554 209, 253 126, 779 68, 974 13, 866 16, 680

<sup>1</sup> The value of construction work done is obtained from figures presented in Table 1, by subtracting the value of subcontract work let from the total value of construction business. <sup>9</sup> Includes operative builders. <sup>9</sup> The percentage of total cost snown for this item is high because establishments located within this area reported that the large part of their construction work (on which this material was used) was on contract outside this area. <sup>4</sup> Less than one-totah of 1 per cent. <sup>5</sup> Less than 1 cent.

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF	DESIGN		of construction business	nt of done			COST OF MA	DESIGI TERIAI		ction	nt of done
KIND OF MATERIAL AND CLAS-	Cost of all materials		· ·	nt of-	nstru less	er ce Dess orce	KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce	nt of-	astru Iess	er ce rce 1
SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of co busin	Indicated per cent of all business done by own force 1	SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of construction business	Indicated per cent of all business done by own force 1
NEW JERSEY							NEW JERSEY-Continued						
Sand, gravel, stone, slag, cinders, etc.							Sand, gravel, stone, slag, cinders, etc.—Continued						<u></u>
All classes General contractors <sup>2</sup> Building not specialized <sup>2</sup> . Commercial building only Manufacturing building only. Residential building only. Highway Bridge and culvert Grading Street paving Street station, light and	$\begin{array}{c} \overline{s}\overline{56},\overline{822},064\\ 32,094,808\\ 13,866,118\\ 233,456\\ 14,695,177\\ 3,299,652\\ 7,244,817\\ 3,803,271\\ 3,803,271\\ 3,807,887\\ 2,547,920\\ 2,538,078\\ 315,110\\ 451,611\\ 006,081\\ 40,082\\ \end{array}$	$\begin{array}{c} \textbf{6}, 060, 780\\ \textbf{1}, 547, 656\\ \textbf{1}, 244, 175\\ 27, 589\\ \textbf{168}, 096\\ \textbf{107}, 706\\ \textbf{2}, 606, 537\\ \textbf{143}, 073\\ \textbf{68}, 262\\ \textbf{1}, 081, 969\\ 298, 792\\ 39, 847\\ \textbf{10}, 989\\ \textbf{63}, 048\\ \textbf{11}, \textbf{611} \end{array}$	$\begin{array}{c} 91.1\\ 23.3\\ 18.7\\ .4\\ 2.5\\ 1.6\\ 39.2\\ 2.2\\ 1.0\\ 16.3\\ .6\\ .2\\ .9\\ .2\end{array}$	$\begin{array}{c} 10.7\\ 4.8\\ 9.0\\ 11.8\\ 1.1\\ 3.3\\ 36.0\\ 4.3\\ 18.6\\ 42.5\\ 11.8\\ 12.6\\ 2.4\\ 10.4\\ 29.0\\ \end{array}$	52, 679, 829 927, 668 20, 458, 282 10, 842, 448 19, 483, 860 9, 676, 652 1, 360, 553 7, 302, 140 6, 950, 171 852, 337 7, 762, 773 2, 166, 825 141, 265	73, 8 62, 2 57, 4 14, 9 98, 6 66, 2 89, 5 94, 2 100, 0 93, 8 96, 7 97, 1 98, 8 98, 1 97, 2	Subcontractors—Continued. Roofing and sheet-metal work	$\begin{array}{r} 682,005\\ 365,350\\ 996,824\\ 88,932\\ 13,807\\ 14,432\\ 41,593\\ 31,807\end{array}$	15,288 550 70,937 31,388 13,667 12,642 4,510 6,700 3,476 6,407	(3) 1.1 .5 .2 .1 .1 .1 .1	2.2 7.1 35.3 98.0 87.6 10.8 21.1 2.6	887, 450 2, 593, 568 1, 290, 233	98.6 98.3 96.3 95.1 99.4 100.0 100.0 100.0 100.0 92.9
power plant Refuse disposal plant	7, 144, 937 18, 352	3. 327	2.8	18,1	120, 000	90, 4 100, 0	All classes					218, 614, 749	
Subcontractors. Carpentaring and wood flooring. Concreting. Heating and plumbing. Plumbing and heating combined. Masonry. Plastoring and lathing	815, 202 \$15, 202 \$11, 458, 188 4, 789, 074 740, 477 727, 169	281, 947 660 540 120 104, 963	(5) 4.2 (5)	.1 34.6 ( <sup>5</sup> ) ( <sup>5</sup> ) ( <sup>5</sup> ) 14.4	4 21, 932, 876 9, 559, 376 1, 456, 359 2, 119, 685	96.8 99.0 97.2 97.9 99.5 99.5	only Residential building only_ Highway Bridge and culvert	14, 695, 177		18.8 3.8 .6	7.4 12.5 9,1 3.6 3.2	52, 679, 829 927, 668 20, 458, 282	62. 2 57. 4 14. 9 98. 6 66. 2 89. 5 94. 2

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

DOBINED CON													
		COST OF D MAT	ESIGN ERIAL	ATED	of construction business	cent of s done ce 1			COST OF I MAT	DESIGN ERIAL	ATED	of construction business	cent of s done
איזי מערי זיינטאשאיא קר מוציי	Cost of all	[	Per ce	nt of—	stru	per cei iness force 1	KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce	nt of—	stru	r ce ss rce l
KIND OF MATERIAL AND CLAS- SIFICATION OF ESTABLISH- MENTS	materials distrib- uted by	•	st	ll gal	con	d De Bine	SIFICATION OF ESTABLISE- MENTS	distrib- uted by		st	ed s	COL	Indicated per cel all business by own force <sup>1</sup>
MENTS	kind	Amount	l cost	t of a lbut eria	bi bi	ow bu		kind	Amount	ul cost	t of E ihut erial	jų bi	Cate DU DW
			Total	Cost of all distributed materials	Value	Indicated p all busin by own 1				Total	Cost of all distributed materials	Value	lla by
				_ <u>_</u>			NUM TEN OFT	; 			<u> </u>		
NEW JERSEY-Continued							NEW JERSEY—Continued Cement—Continued						
Brick—Continued General contractors—Contd.							Subcontractors-Continued.						ł
Street paving Sewer, gas, water, conduit	\$2, 547, 929 2, 538, 078	\$44, 838 52, 446	1,6 1,9	1.8 2.1	6, 950, 171	96.7	Roofing and sheet-motal work Roofing Roofing and sheet metal	a\$1, 884, 496	\$470	(ð) (ð)	(5)	4 \$4, 581, 852	98,4
Waterworks Railroad	315, 110 606, 081	3, 375 3, 064	.1 .1 .2	1.1	852, 337 2, 166, 325	97.1 98.1	Roofing and sheet metal	682, 005	200		(b) (5)	4 \$4, 581, 852 1, 759, 586	ſ
Foundation Central station, light and	40, 082	5,000			141, 265	97.2	combined Marble and tiling	365, 356 996, 824	43, 665	(5) 0. 8	0.1 4.4	887, 459 2, 593, 568	98.3 96.3
power plant	7, 144, 937		•	1	16, 364, 556	1 1	kooning and sheet metal combined. Marble and tiling. Excevating. Grading. Sewer, gas, water, conduit. Dam and reservoir. Dredging, river, harbor, etc. Motol work n.a.	88, 932 13, 867	200	(1)	1.4	887, 459 2, 593, 568 1, 290, 233 405, 289 102, 197	95, 1 99, 4
Subcontractors Carpentering and wood	33, 873, 016		7.4			1 . 1	Dam and reservoir	41, 593 31, 800	8, 510 6, 500 1, 740	.1	20.5 20.4 1.3	102, 197 71, 000 442, 500	1 100.0
flooring	780,007	2,600 1,892 1,015	.1 .1 ( <sup>5</sup> )	.3 .2 ( <sup>8</sup> )		99,0 97,2	Metal work, n. e. s Flooring, n. e. s	132, 269 1, 825, 490 67, 071	5, 087	.1	4.5	3, 183, 941 265, 147	92, 9
Concreting. Heating and plumbing Heating and piping	5, 910, 940 727, 169	1, 015 1, 015 186, 360	(\$)	(5) 25. 6	10,884,267 2,119,685	95.5 95.0	· · ·					_00, -11	
Masonry Plastering and lathing Marble and tiling	197, 040 996, 824	13, 369	. 5		654, 945 2, 593, 569	86.8 96.3	Structural steel <sup>6</sup> All classes	00 805 095	11, 076, 952	100.0	12.2	218, 614, 749	80.5
Excavating Sower, gas, water, conduit		898 1,510	.1	3.6	2, 119, 685 654, 945 2, 593, 568 1, 290, 233 102, 197 3, 183, 941	95.1 100.0	General contractors 2						
Metal work, n. c. s	1, 825, 490	350	(5)	(*)	3, 183, 941	92. 9	Building Building not specialized <sup>2</sup> .	<sup>3</sup> 56,822,066 32,094,398 13,866,113	1,656,898 653,121	15.0 5.9	6.2 4.7	4 151,307,015 84, 908, 227 52, 679, 829	62, 2 57, 4
Cut stonc, granite, and marble						i	Commercial building	233, 456			.5	927, 668	14.9
All classes	90, 695, 082	1, 660, 661	100.0	1.8	218, 614, 749	80.5	Manufacturing building only	14, 095, 177	974, 089	8,8	6.6	20, 458, 282	98.6
General contractors *	<sup>3</sup> 56,822,066 32,094,398	896, 931 539, 387	54.0 32.5		4 151,807,014 84,908,227	5 73.8 62,2	Residential building only Highway Bridge and culvert	14, 695, 177 3, 299, 652 7, 246, 617	28, 526 36, 151	.3	. 0	10, 842, 448 19, 483, 360	66.2 89.5
Building Building not specialized <sup>2</sup> .	13,866,113	521, 042		3.8		57.4	Grading	.] 367,887	120,467	1.1	32.7	1, 369, 553	100.0
Commercial building only Manufacturing building	233, 456	084		.4			Street paving Sewer, gas, water, conduit. Waterworks	2, 547, 929 2, 538, 078 315, 110	26, 768	( <sup>5</sup> )	1.1 1.0	6, 950, 171	96.7
nly	14, 695, 177 3, 299, 652	17,120	1.0	( <sup>6</sup> )	20, 458, 282 10, 842, 448 19, 483, 360	2 98.6 3 66.2	Dredging, river, harbor, etc. Railroad	451, 611 606, 081	19,408	1 9	4.3	1, 752, 773	98, 8
Highword	1 7 948 h 7	30, 042 919	.1	.2	19, 483, 360 1, 369, 553	89.5 100.0	Central station, light and	7, 144, 937	142, 899	1.3		16, 364, 556	90.4
Street paving Sewer, gas, water, conduit	2, 547, 929 2, 538, 078	5,722	1.3	.2	6, 950, 171	93.8 96.7 98.1	power plant Refuse disposal plant	18, 352	1, 205		6.6	, i	
Grading	606, 081	1					Subcontractors. Carpentering and wood		8,066,361		23.8	· · ·	
Dower buttle	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1	1		flooring Concreting	785,657	42 4, 483 850	(5)	( <sup>5</sup> ) (5)	1, 708, 156 2, 220, 963 4 21, 932, 876	96, 8 99, 0 97, 2
Subcontractors	785, 657				1, 708, 150	96, 8	Concreting Heating and plumbing Plumbing	4, 789, 074 727, 169 197, 040	850 13, 848	( <sup>5</sup> )	(5) (5) 1.9	9, 559, 376	97. 9 95. 0
Concreting	785, 057 815, 202 727, 169 197, 040	24, 771 10, 423 2, 070	( <sup>5</sup> ) 1.5 .6	i 1.4	2, 119, 684	i 95. 0	Masonry Plastering and lathing Roofing and sheet-metal	197, 040	13, 848 804	(5)	.4	654, 945	86.8
Plastering and lathing Stonework	197, 040 565, 407	007,407	33.6	98.6	1, 314, 632	2 97.8	work Sheet-metal work	<sup>3</sup> 1, 884, 496 837, 135	I 16.632	.2		1, 934, 807	98.2
Marble and tiling Flooring, n. e. s	906, 824 67, 071	162, 448 6, 537	9.8 .4		2, 593, 568 265, 147	96.3 100.0	Steel erection Ornamental iron	8, 350, 259 221, 558	7,978,331	.4	17.6	398, 962	98, 8 93, 7
Cemení				1			Metal work, n. e. s	1, 825, 490	12, 371	.1	.7	3, 183, 941	92.0
All classes		1			218, 614, 749		Reinforcing steel						
General contractors <sup>2</sup> Building Building not specialized <sup>2</sup> .	3 56,822,066	5, 237, 217 1, 410, 362	91. ( 24, 7	9.2 4.4	151, 307, 015 84, 908, 227 52, 679, 829	73.8 62.2	All classes		3,056,865			· · · ·	
Commercial building		1, 121, 167	19.6				General contractors <sup>2</sup> Building Building not specialized <sup>2</sup>	<sup>3</sup> 56,822,066 32,094,398	3,008,949 390,927	98.4 12.8	5.3	4151, 307, 015 84, 908, 227 52, 679, 829	73.8 62.2
only Manufacturing building only Residential building only.	233, 456						Commercial building	233, 456				927, 668	
only Residential building only.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	123,778	2.5		10, 842, 448	98,6 66.2	only Manufacturing building				7		
Residential Difficing only. Highway. Bridge and culvert. Grading. Street paving. Sewer, gas, water, conduit. Waterworks. Dredging, river, harbor, otc. Railroad.	7, 246, 617 3, 303, 271	1 2, 238, 073 499, 198	2.2 39,1 8.7 2.0	30.9 15.1	9,676,652	89.5 94.2 100.0	only Residential building only Flighway		7, 517 640, 269	20. 9	8.8	10,842,448 19,483,360	98.6 66.2 89.5
Street paving	3, 303, 271 367, 887 2, 547, 929 2, 538, 078	425,653	7,4	81.2 16.7 10.9	7, 302, 140	93.8	Bridge and culvert	3, 303, 271 367, 887	1, 218, 240	39.9 .6	36.9	9, 676, 652 1, 369, 553	94.2 100.0
Waterworks	815, 110 451, 611	44,689		14.2	852, 337 1, 752, 773	97.1 98.8	Residential building only. Highway Bridge and culvert Grading. Street paving Stever, gas, water, conduit. Waterworks Railroad Foundation Central station, light and power plant. Befuse disposal plant.	2, 547, 929 2, 538, 078	75, 946 546, 556	2.5	3.0 21.5	7, 302, 140 6, 950, 171	93.8 96.7
Railroad	451, 611 608, 081 40, 082	36,122 10,926	.1	6.0 27.8	2, 166, 32 141, 26	5 98.1 5 97.2	Railroad	315, 110 606, 081 40, 082	19,555	.6 1.6	7.8	852, 337	97.1 98.1 97.2
Foundation Central station, light and power plant	1	169,997		2.4	16, 364, 550		Central station, light and	40,082		1	3.0		
power plant Refuse disposal plant	18, 352			20.8			1 Iteluse and postar presenter		471	1, 6 ( <sup>5</sup> )	2.6	16, 364, 556 120, 000	100,0
Subcontractors Carpentering and wood	33,873, 016	481,695			4 67, 307, 784	1.	Subcontractors	3 33,873,016	47, 916	1.6	.1 3.1	4 67, 307, 734 2, 220, 963	97.5 99.0
			(*) 6. (	) 35.4 (5)		3 96.8 3 99.0 3 97.2	Masonry Plastering and lathing	727, 169	47, 016 25, 258 7, 332 968	( <sup>5</sup> )	1.0	2, 119, 688 654, 940	95. 0 86. 8
Concreting Heating and plumbing Plumbing and heating combined	4, 789, 074	118		( <sup>5</sup> )	9, 559, 370	97.9	Marble and tiling Sewer, gas, water, conduit	996, 824	300 284	(ð) (ð)	(5)	2, 593, 568 102, 197	96.3 100.0
combined	740, 477	310 105, 300	1.8	( <sup>5</sup> ) 14. 5	1, 456, 359 2, 119, 685	99.5 95.0		31, 800 132, 269	2, 300 220	(5)	.7	$\begin{array}{c} 120,000\\ 4 \ 67,\ 807,\ 734\\ 2,\ 220,\ 965\\ 2,\ 110,\ 688\\ 654,\ 94t\\ 2,\ 563,\ 568\\ 102,\ 197\\ 71,\ 000\\ 442,\ 500\\ 3,\ 183,\ 941\end{array}$	100.0
Masonry Plastering and lathing	. 197, 040	9,740		4.9	654, 945	86.8	Metal work, n. e. s.	.1 1,825,490	)] 11,254	.4	.6	n o, 188, 941	u 92,9
See footnotes at end	or table.												

#### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

100													
		COST OF MAT	DESIGN		ction	cent of s done ce 1			COST OF I MAT	DESIGN ERIAL		ction	cent of s done ce 1
KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce	nt of—	of construction business	Indicated per cer all business ( by own force <sup>1</sup>	KIND OF MATERIAL AND CLAS-	Cost of all materials	.	Per ce	nt of—	of construction business	Indicated per cer all business ( by own force 1
SIFICATION OF ESTABLISH- MENTS	distrib- uted by	1	cost	all	f con usine	od pe usine vn fe	SIFICATION OF ESTABLISH- MENTS	distrib- uted by	Amount	cost	als fed	f cor	pi Di
	kind	Amount	al co	Cost of all distributed materials	Value o b	licate II b y ov		kind	Amount	tal cc	Cost of all distributed materials	Value o	y ov
1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			Total	n gist	Val	bud b				Total	S:3 g	Val	E a c
NEW JERSEY-Continued						,	NEW JERSEY-Continued				ı. –		÷
Lumber, rough and finished						1.14	Paints, varnishes, glass- Continued					·	
All classes	\$90, 695, 082	\$5, 888, 777	100. 0	6.5	\$218, 614, 749	80. 5	General contractors—Contd.						
General contractors 2 Building	<sup>3</sup> 56, 822, 066 32, 094, 398	5,214,500	88. 6 74, 9	9, 2 13, 7	4151, 307, 015 84, 908, 227 52, 679, 829	73. 8 62, 2	Highway Bridge and culvert	3,303,271	j 804	.1	(5) (6) (5)	\$19, 483, 360 9, 676, 652 7, 302, 140	049
Building not specialized '. Commercial building	13, 866, 113	2, 914, 430	49.5				Street paving Sewer, gas, water, conduit Waterworks	2, 547, 929 2, 538, 078 315, 110	5,050 100	. 4	( <sup>5</sup> ).2		96.7
only. Manufacturing building	233, 456 14, 695, 177		1.0 2.2		927, 668 20, 458, 282	14.9 98.6	Railroad Central station, light and	606, 081	1, 351	.1	.2	2, 100, 325	98.1
only Residential building only Highway	3,299,652	1.307.277	22.2 1.2	39.6	10,842,448	66.2 89.5	power plant	7, 144, 937		2, 6 66, 5			
Bridge and culvert Grading Street paving	3.303.271	49,799 7,884	1,8	1.5	9,676,652	94.2	Subcontractors Carpentering and wood flooring Concreting Electrical Heating and plumbing Plumbing Plumbing and heating combined	785, 657	10, 392		1 1 3		
Sewer, gas, water, conduit	2,538,078	35, 584 175, 300	3. 0 9	6.9			Concreting Electrical	815, 202 2, 700, 820	348 20	( <sup>5</sup> )		2, 220, 963 6, 044, 131	99.2
Waterworks Dredging, river, harbor, etc Bailroad	315, 110 451, 611 606, 081	175, 300 50, 603 120, 972 179, 124	2.1 3.0	i · 26.8	1, 752, 773	98.8 98.1	Heating and plumbing Plumbing	<sup>3</sup> 11, 458, 188 4, 789, 074	1,025 525			4 21, 932, 870 9, 559, 370	97.2 97.9
Railroad Central station, light and power plant		106,688	1.8	1.5			Plumbing and heating combined	740, 477	500 546, 805	(5)	.1	1,456,350	99.5
Refuse disposal plant	18, 352	7, 513	.1	40, 9	120,000	100.0	Primolog and heating combined Painting and decorating Glass and glazing Plastering and lathing Roofing and sheet metal work Roofing Sheet-metal work Steel creation	217,940	202, 940	16.0		481, 320	97.5
Subcontractors. Carpentering and wood-	333, 873, 016	674,211	11.4			97.5	Roofing and sheet metal work	3 1. 884. 496	7,965	.7	.4		
flooring	785, 657	520, 384 99, 586 2, 731 2, 431	8.8 1.7	12,2		96, 8 99, 0 97, 2	Roofing Sheet-metal work	682,005 837,135	7, 965 2, 280 5, 685	.2	.3	1, 759, 586	98, 0 98, 2
Concreting Heating and plumbing Plumbing and heating combined	4, 789, 074	2, 131 2, 431	(5) (5)	( <sup>8</sup> ) .1	9, 559, 376	07.9	Steel erection Excavating	8, 350, 259 88, 932		3, 3 (*)	.5	12,587,767 1,290,233 100,100	98,8
	740, 477 727, 169	300 6, 210	( <sup>3</sup> ) . 1	<sup>(5)</sup> , 9	1, 456, 350 2, 119, 685	99, 5 95, 0	Excavating Sewer, gas, water, conduit Metal work, n. e. s Flooring, n. e. s	41, 593 1, 825, 490	521	( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>5</sup> )	( <sup>4</sup> ) 2.8	102, 197 3, 183, 941 265, 147	100.0 92.9 100.0
Masonry Plastering and lathing Roofing and sheet-metal	197,040	48	(5)	(5)	654, 945	80. 8	Roofing and sheet metal	67, 071	1,001	••	2.0	200,111	100,0
work Roofing and sheet metal			· · ·	( <sup>5</sup> )	4, 581, 852		All classes	90, 695, 082	2, 162, 627	100.0	2, 4	218, 614, 749	80.5
combined Marble and tiling	365, 356 996, 824	502	(5) (5) (5) (5) (5)	( <sup>5</sup> ) .1 1.8	887, 459 2, 593, 568 1, 290, 233	98, 3 96, 3 95, 1	General contractors 2	3 56, 822, 066	307, 276	14. 2	. 5	151, 307, 015	73.8
Excavating Street paving Sewer, gas, water, conduit	88,932 14,432 41,593	1,250 2,208	8	8.7 5.5	1, 280, 233 32, 864 102, 197	100.0	Building not specialized <sup>2</sup> .	32,094,398   13,866,113	132,589	13, 6 6, 1	1.0	52, 679, 829	62.2 57,4 14,9
Dredging, river, harbor, etc. Metal work, n. e. s	132, 269	33, 634	.8	25, 4	442, 500 3, 183, 941	100.0 92.9	Commercial building only Manufacturing building		5, 325 102, 545			20 458 282	08.6
Millwork							only Residential building only_ Street paving	3, 299, 652 2, 547, 929 2, 538, 078	54, 492 45	2, 5	1.7	10, 842, 448 7, 302, 140 6, 950, 171 1, 752, 778	66.2 93.8
All classes					218, 614, 749		Sewer, gas, water, conduit	2, 538, 078 451, 611	4, 250 34	( <sup>5</sup> ). 2	( <sup>5</sup> ) ( <sup>5</sup> ) <sup>2</sup>	6, 950, 171 1, 752, 773	96.7 98.8
General contractors 2 Building	<sup>3</sup> 56, 822, 066 32, 094, 398 13, 866, 113	2,079,838 2,080,455	94, 1 93, 2	6.4	4151, 307, 015 84, 908, 227 52, 679, 829	73. 8 62. 2	Dredging, river, harbor, etc. Central station, light and power plant	7, 144, 937	7, 996	.4	.1	16, 364, 556	
Building not specialized <sup>2</sup> . Commercial building							Subcontractors	<sup>3</sup> 33, 873, 010	1 <b>, 8</b> 55, 351	8ő. 8	5.5	± 67, 307, 734	97.5
only Manufacturing building	233, 456 14, 695, 177				927, 668 20, 458, 282		Carpentering and wood flooring	1 785 657	4, 401 185 133, 341	. 2 ( <sup>6</sup> )	( <sup>5</sup> ).6	1, 708, 156 2, 220, 963 4 21, 932, 876	96.8 99.0
only Residential building only Bridge and culvert	3, 299, 652 3, 303, 271	6,176 482,855 200	21.8	14.6 ()	10, 842, 448	66.2	Concreting Heating and plumbing Heating and piping Plumbing	<sup>3</sup> 11, 458, 188 5, 910, 940	133, 341 21, 195	1, 0	1.4	10, 884, 267	97.2
Grading Street paving	367, 887 2, 547, 929	3,308	(5). 2	(5)	1,369,553 7,302,140	100, 0 93, 8	i Purmhing and heating			3.7		9, 559, 376	1
Sewer, gas, water, conduit Waterworks	2, 538, 078 315, 110	2,500 200	.1 ( <sup>3</sup> )	.1	$egin{array}{c} 9, 676, 652 \\ 1, 369, 553 \\ 7, 302, 140 \\ 6, 950, 171 \\ 852, 337 \\ 1, 752, 773 \\ 2, 166, 325 \\ 141, 265 \end{array}$	96.7 97.1	combined Roofing and sheet-metal work	740, 477		1, 5 79, 2		1, 456, 359	
Dredging, river, harbor, etc. Railroad	451, 611 606, 081	135 1,340 1,200		(*) 2 3.0	1,752,773 2,166,325	98.8	Roofing Sheet-metal work	1, 884, 496 682, 005 837, 135	1, 713, 793 590, 431 765, 104	27.3	86.6	1, 759, 586	98.6 98.2
Foundation Central station, light and power plant	40, 082 7, 144, 937	1,200		ə. u	141, 205	90, 4	Roofing and sheet metal combined				98.1	887, 459 12, 587, 767	[
		131,092		.4	467, 307, 734	97.5	Steel erection	8, 350, 259 41, 593	300	( <sup>5</sup> )	<sup>(6)</sup> .7	102, 197	100.0
Subcontractors Carpentering and wood- flooring	785, 657	129.709	5. 9	16.5		1	Metal work, n. e. s	1, 825, 490	667	(٥)	(8)	3, 183, 941	92, 9
Concreting Heating and plumbing	815,202	523 360	(8)	( <sup>3</sup> ) ( <sup>6</sup> )	1, 708, 156 2, 220, 963 21, 932, 876 9, 559, 376	99, 0 97, 2	Heating and ventilating equipment <sup>§</sup>						
Plumbing Masonry	4, 789, 074 727, 169	360 500	(0) (5)	(*)	9, 559, 376 2, 119, 685	97. 9 95. 0	All classes	90, 695, 082		100.0	10.6	218, 614, 749	
Paints, varnishes, glass			· .				General contractors <sup>2</sup> Building	<sup>3</sup> 56, 822, 066 32, 094, 398 13, 866, 113	2,938,052 2,841,124 411,702	30, 5 29, 5 4, 3	5.2 8.9	4 151, 307, 015 84, 908, 227 52, 679, 829	73.8 62.2 57.4
All classes	90, 695, 082				218, 614, 749	80.5	Building not specialized <sup>2</sup> . Commercial building	13, 866, 113 233, 456	411, 702 1, 400		.6 .6		1
General contractors <sup>2</sup> Building Building not specialized <sup>2</sup>	132.094.398	369, 263	33. 5 30. 2 22. 2	1.2	4151, 307, 015 84, 908, 227 52, 679, 829	73.8 62.2 57.4	only Manufacturing building only				16.0	1 S S S S S S S S S S S S S S S S S S S	
Commercial building only Manufacturing building	13, 866, 113 233, 456	4, 464		1.9	927, 668	14. 9	only Residential building only Highway	14, 695, 177 3, 299, 652 7, 246, 617	72, 105 390	. 7		20, 458, 282 10, 842, 448 19, 483, 360	66, 2 89, 5
only Residential building only	14, 695, 177 3, 299, 652	9, 431 84, 507	.8 6.9	.1 2.6	20, 458, 282 10, 842, 448	98. 6 66. 2	Highway Central station, light and power plant	7, 144, 937	96, 538				
See footnotes at end of		,											

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

		COST OF D MATI	ESIGNA GRIAL	TED	ction	cent of done			COST OF D MAT	ESIGN ERIAL	ATED	of construction business	ent of done
KIND OF MATERIAL AND CLAS-	Cost of all materials	[][	Per cen		nest	for	RIND OF MATERIAL AND CLAS-	Cost of all materials distrib-		Per cer		onstru iness	per c iness force
SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of au distributed materials	Value of co busir	Indicated I all busin by own	SIFICATION OF ESTABLISH- MENTS	uted by kind	Amount	Total cost	Cost of all distributed materials	Value of c	Indicated per cent ( all business don by own force <sup>1</sup>
NEW JERSEY-Continued				- g			NEW JERSEY-Continued						
Heating and ventilating							Elevators, dumb-waiters, and equipment					an a constante de la constante La constante de la constante de	
equipment—Continued Subcontractors	\$33,873,916	\$6, 380, 448	69. 5	19.7	\$ 67, 307, 734	97.5	All classes	7\$90,695,082	\$2, 195, 232	100.0	2.4	<sup>\$</sup> \$218,614,749	80.5
Heating and plumbing Heating and plping Bine covering	11, 458, 188 5, 910, 940 17, 697 4, 789, 074	6, 657, 180 5, 120, 629 17, 697 1, 215, 803	$     \begin{array}{r}       69.2 \\       53.2 \\       .2 \\       12.6 \\     \end{array} $	25.4	\$ 67, 307, 734 21, 932, 876 10, 884, 267 32, 874 9, 559, 376	91.0	General contractors. Building Building not specialized. Residential building only.	<sup>3</sup> 31,437, 360 13, 209, 065	4,752	1	(*)	4 149,309, 116 4 82,910, 828 50, 681, 930 10, 842, 448	00.4
Plumbing Plumbing and heating combined Plastering and lathing	740, 477 197, 040	303, 051 645	3.2 ( <sup>5</sup> )	40.9 ,3	1, 456, 359 654, 945	99. 5 86. 8	Subcontractors Carpentering and wood	3 33,873, 016			6.5	4 67, 307, 784	
Roofing and sheet-metal work Roofing Sheet-metal work	1, 884, 496 682, 005 837, 135	1,642 17,981	( <sup>8</sup> ) 2		1, 934, 807	98.6 98.2	flooring Elevator construction Heating and plumbing Plumbing	3 11,458, 188	325 2, 189, 675 500 500	(*)	(4) 100.0 (5) (5)	1, 708, 156 2, 962, 062 4 21, 932, 876 9, 559, 376	$\begin{vmatrix} 100, 0 \\ 97, 2 \end{vmatrix}$
Roofing and sheet metal combined Flooring, n. e. S	365, 356 67, 071	1,000 2,000	(6) (6)	3. 0	887, 459 265, 147	98.3 100.0	Pipe: Cast-iron, sheet and tube steel, etc.						1.1
Plumbing and gas fitting equipment <sup>6</sup>				r r	· · · ·		All classes	7 90,695, 082				8218, 614, 749	
All classes		2 7, 323, 408			218, 614, 749	-1	General contractors	13 31.437. 350	3, 746, 827	80.1	7.9	4 149,309, 116 4 82, 910, 328 50, 681, 930	3 75.5 3 64.3 0 60.4
General contractors <sup>2</sup> Building Building not specialized <sup>2</sup> - Commercial building	13, 866, 11	95, 150	37.9 1.3	5.0 8.6 .7	4 151, 307, 016 84, 908, 227 52, 679, 829 927, 668		Building not specialized Manufacturing building only Residential building only Highway.	14, 695, 177 3, 299, 652 7, 246, 617	3, 626, 280 2, 012 119, 802	77.6 ( <sup>6</sup> ) 2.6	24. 7 . 1	20, 458, 28 10, 842, 44 19, 483, 36	2 98.6 8 66.2 0 89,5
only Manufacturing building only	233, 45 14, 695, 17	7 2. 566. 004	35.0	17.5	20 458 28	2 98.6	Highway Bridge and culvert Grading Street paving	3, 303, 271	3,000	2	2.6	1, 369, 55 7, 302, 14	3 100.0 0 93.8
Residential building only. Highway Sewer, gas, water, conduit	7, 246, 61	$2    111, 103 \\7    7, 564 \\8    27, 344                                    $	.1	. 1	19, 483, 360	8 66.2 0 89.5 1 96.7	Sewer, gas, water, conduit_	2, 538, 078	22, 512 375, 551 66, 081			6, 950, 17 852, 83	1 96. 7 97.
Central station, light and	1		.4	8.1	1		Dredging, river, harbor	451, 611	22, 000 5, 215	) . (	5 <b>4</b> .9	1,752,77 2,166,32	3 98.8 5 98.1
power plant	7, 144, 93 33, 873, 01	6 4, 477, 640	- · · ·				Railroad Central station, light and power plant Refuse disposal plant	7, 144, 93	7 56,977	7 1.5 0 ( <sup>5</sup> )	2 .1 10.		6 90. 0 100.
Carpentering and wood flooring. Heating and plumbing	3 11 458 18	81 4 417 387	60. 8	6. ( 3 38. (	1,708,15 421,932,87	6 06.8 6 97.2			1		3	1.	
Heating and piping Plumbing	5, 910, 94 4, 789, 07	0 628, 364 4 3, 408, 68	4 8.0	3 10.6		7 95.5 6 97.9	Carpentering and wood- flooring	785, 65	7 240 2 734	4 (8)	( <sup>5</sup> )	1,708,15 1 2,220,96	6 96. 3 99.
Plumbing and heating combined	740, 47 1, 825, 49	7 380, 320 0 12, 820	) 5.2 } .2			9 99.5 1 92.9	Subcontractors. Carpentering and wood- flooring. Concreting. Heating and plumbing. Heating and plumbing. Plumbing and heating combined.	2,700,82 11,458,18 5,910,94 4,789,07	0 10,000 8 173,78 0 113,920 4 40,46	4 3. 6 2.	7 1. 4 1.	5 4 21, 932, 87 9 10, 884, 26	7 95.
Electrical appliances and supplies					010 014 74	0 90 5	Plumbing and heating combined	- 740, 47 - 88, 93	7 19,39	0 (5)	4 2.	5 1, 290, 23	3 95.
All classes General contractors <sup>2</sup>			7 33, 4	1 2.	1 151, 307, 01	5 73.8	Sewer, gas, water, conduit. Dam and reservoir	41,59	3 9,00 0 3,20	0	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		)7 100. )0 100.
Building not specialized <sup>2</sup>	132,094,31	0, 000,00	14.7	7 1.		7 62.2 9 57.4	Dredging, river, harbor, etc. Metal work, n. e. s	132, 20	9 2,29 0 45,65	5 ( <sup>6</sup> ) 1 1.	1. 0 2.		)0 100. 1 92.
Commercial building only Manufacturing building	- 233, 45						Bituminous paving mate rials, tar, asphalt and oil	-					
only Residential building only Bridge and culvert	14, 695, 1 3, 299, 6	52 32, 75	1 .1	B 1.1	$     \begin{array}{ccccccccccccccccccccccccccccccccc$	2 98.6 8 66.2 12 94.2			2 1, 213, 72	4 100.	0 1.	8 \$ 218,614,74	19 80.
Sewer, gas, water, conduit. Waterworks. Railroad Central station, light and	2, 538, 07 315, 11 606, 08		0 0 6 ( <sup>6</sup> )	4 2 2.	2 852, 33 1 2, 166, 32		General contractors. Building Building not specialized Commercial buildingon	3 56,165,01 31,437,35 13,209,00 233,45	8 1, 156, 06 0 20, 35 5 19, 39 6 50	2 95. 7 1. 4 1.	7	1 4 149,309,11 1 82,910,32 1 50,681,9 2 927,60	16 75. 28 64. 30 60. 58 14.
power plant Miscellaneous, n. e. s	1 7 144, 86	37 727, 29 13 14, 71	2 17. 3	4 10.	0 219,65	56 100.0	only-	14 805 17	22	(1)	. (5)		
Subcontractors Carpentering and wood		16 2, 764, 81			2 4 67, 307, 73		Highway	7,240,01	7 713,64	0 58. 0 .	5	8 19, 483, 3 2 9, 676, 6	60 89. 52 94.
flooring Concreting Electrical Heating and plumbing	- 785, 6 - 815, 20 - 2, 700, 8 - 3 11, 458, 18	)2 20 2, 690, 80 38 33, 79	6 (5)	( <sup>5</sup> ) (5) 8 99. 8	1, 708, 10 2, 220, 90 6 0, 044, 13 3 4 21, 932, 83 3 10, 884, 20 4 9, 559, 3	50 90. 8 33 99. 0 31 90. 2 76 97. 2 57 95. 5	Grading Street paving Sewer, gas, water, conduit Railroad	2, 547, 92	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	MI 1.	3 14. 2 1.	4 7, 302, 1	53 100. 40 93 71 96 25 98
Heating and piping Plumbing Roofing and sheet-metal work	4, 789, 0	74 18, 26	0	4 .	1	- 1	power plant	7, 144, 97			1 (5)	16, 364, 5	1
Roofing Sheet-metal work Excevating Metal work, n. e. s	837, 1	05 7,90 35 30,00 32 2		9 2. 2 1. 7 3. ( <sup>6</sup> )	0 4 4, 581, 8 2 1, 759, 5 6 1, 934, 8 1, 290, 2 1 3, 183, 9	07 98.2 33 95.1	Subcontractors Concreting Heating and plumbing	33,873, 0 815, 20 11,458, 11 4, 789, 0	16 57,66 02 4,58 38 1,00 74 1,00	39  D0	8 4 1 ( <sup>5</sup> ) 1 ( <sup>5</sup> )	2 4 67, 307, 7 6 2, 220, 9 4 21, 932, 8 9, 559, 3	54 97. 63 99. 76 97. 76 97.

See footnotes at end of table.

.

941 (F. 1944) 1

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	000         100           002         100           003         100           005         80           005         80           005         80           0183         100           005         80           005         80           005         80           005         80           618         61           755         6-           144         100           618         818
NEW JERSEY—Continued         Stor         Stor<	778 90 900 100 902 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 905 80 918 82 918 82 919 910 910 100 910 100
NEW JERSEY—Continued         Stor         Stor<	778 90 900 100 902 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 905 80 918 82 918 82 919 910 910 100 910 100
NEW JERSEY—Continued         Stratistical and old=Continued         Stratistican         Stratistical and old=Continued	778 90 900 100 902 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 903 100 905 80 918 82 918 82 919 910 910 100 910 100
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	000         100           002         100           003         100           005         80           005         80           005         80           0183         100           005         80           005         80           005         80           005         80           618         61           755         6-           144         100           618         818
$ \begin{array}{c} rials, tar, asphalt and oligonia and sheet-inetial with the set of th$	000         100           002         100           003         100           005         80           005         80           005         80           0183         100           005         80           005         80           005         80           005         80           618         61           755         6-           144         100           618         818
	002         100           003         100           005         80           005         80           0183         80           005         80           005         80           005         80           005         80           005         80           005         80           005         80           005         61           144         100           618         818
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	183         86           105         86           118         82           133         100           383         89           005         86           005         86           005         86           005         87           518         61           755         6-           144         100           518         81
Hoofing Roofing and sheet metal combined the street paving true b68, 982 ( $365, 366$ ( $1, 678$ the street paving ( $14, 432$ 66, $1, 789, 581$ ( $320, 326$ 76, 66, $1, 200, 233$ ( $320, 232$ 76, $144, 110, 100, 0$ 16, $01, 10, 642, 2263$ ( $221, 950, 133, 000, 114, 110, 100, 0$ 160, $01, 10, 642, 2263$ ( $221, 950, 133, 000, 114, 150, 000, 116, 100, 0$ Metal products, n. e. s. (true true)700,695,082 ( $31, 437, 860, 2, 081, 675, 632, 7, 66, 642, 2010, 328$ ( $100, 01, 101, 102, 203, 964, 200, 133, 000, 100, 100, 100, 100, 100, 1$	005         80           118         82           133         100           383         89           005         80           518         60           765         6-           755         6-           144         100           618         82
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	318         82           133         100           383         89           005         86           518         66           765         6-           144         106           618         82
Street pavIng	383         89           005         80           518         60           763         61           755         64           144         10           618         81
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	005 80 518 00 763 6 755 6 144 10 618 8
All classes	005 80 518 00 763 6 755 6 144 10 618 8
General contractors       * 56,165,018       2,094,300       54.0       3.7       149,309,110       75.5       Building       113,300       57.45       4.0       7.7       287         Building       * 31,437,850       2,081,675       53.7       6.6       4 82,010,328       64.3       Building       53,76       6.6       4 82,010,328       64.3       Commercial building       33,355       5,805       2.7       7.1       175         Manufacturing building       13,209,065       6,945       2       1       50,081,930       0.4       0.4       0.9       21,1       1111       111       111 <td< td=""><td>755 6- 144 10- 618 8:</td></td<>	755 6- 144 10- 618 8:
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	755 6- 144 10 618 8:
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$   \begin{array}{c cccccccccccccccccccccccccccccccccc$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	592]: 88
Subcontractors	÷ .
Metal work, n. e. s	
Metal work, n. e. s	
Metal work, n. e. s	
Metal work, n. e. s	518 00
Highway 400, 274 51, 230 54, 1 12, 6 1, 524	755 64 144 100
Machinery         Sewer, gas, water, conduit         221,950         22,700         28.4         10.2         509           All classes	318 82 592 88
	378 99 000 100
Building not specialized 13, 200, 006 17, 145 . 6 . 1 50, 681, 930 60. 4	
Manufacturing building only	383 80
Central station, light and power plant	005 86
Subcontractors 33, 873, 016 11, 822 .3 (4) 67, 307, 734 97.5 Building not specialized 83, 353 19, 123 22, 1 22, 9 175.	518 60 763 61
	55 64 44 100
CAMDEN         Highway	618 82
cinders, etc. <sup>6</sup> \$385,028 2,768 3.2 .7 4873.	78 99
	00 100
Building 113, 306 6, 646 3, 5 5, 9 287, 518 66, 9	88 89
Commercial huilding	05 86
Highway 406, 274 128, 640 67, 8 31, 7 1, 027, 144 100, 0 Building not sneeledized 83, 355 11, 300 60, 11, 13, 7 176,	63 61
Bewer, gas, wheth, conduits. 221, 800 2, 000 201	18 82
Subcontractors         3 385,028         14,525         7.7         3.8         4 373,378         90.9         Subcontractors         3 385,028         400         2.1         1         4 373,378         90.9         Subcontractors         3 385,028         400         2.1         1         4 373,378         90.9         Subcontractors         3 385,028         400         2.1         1         4 373,378         90.9         Subcontractors         3 385,028         400         2.1         1         1 3 388         7.0         32.4         105,000         Subcontractors         3 385,028         400         2.1         1         4 3 385,028         400         2.1         1         0         105,000         Concreting         3 385,028         400         2.1         1         0         105,000         Concreting         3 385,028         400         2.1         1         0         105,000         Concreting         3 3 385,028         400         2.1         1         0         105,000         Concreting         3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	78 99 00 100
Brick (face, common, fire,	
All classes	
General contractors 6,050 9.2 . 6 2,205 General contractors 959,779 6,050 9.2 . 6 2,205 Building 8113,366 1,800 2.7 1.6 287,	05 86 18 66 63 61
Building not specialized _ 83, 353 4, 586 22.6 5.4 175, 763 61.6 Sewer, gas, water, conduit _ 221, 950 4, 250 0.5 1.9 DUS,	
Configure         Subscription         Subscription <td>78 .99</td>	78 .99

See footnotes at end of table.

.

,

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

		COST OF DI MATE		TED	letion	cent of s done 2e <sup>1</sup>				ERIAL		5 1	cent of done
	Cost of all materials distrib- uted by kind	Amount	Total cost	Cost of au cr distributed c materials	Value of construction business	Indicated per ce all business by own force	KIND OF MATERIAL AND CLAS- SIFICATION OF ESTABLISH- MENTS	Cost of all materials distrib- uted by kind	Amount	Total cost	Cost of all t distributed o materials	Value of construction business	Indicated per ce all business by own force <sup>1</sup>
CAMDEN-Continued							ELIZABETH						• •
Heating and ventilating					an an an A An Anna Anna Anna Anna Anna A		Sand, gravel, stone, slag, cinders, etc.						
All'classes	\$1, 344, 807	\$84, 722	100. 0	6.3	\$3, 126, 383	89.7	All classes	\$2, 560, 670	\$83, 788 67, 342		3, 3	\$5, 500, 748	
General contractors Building Building not specialized	<sup>8</sup> 959, 779 <sup>3</sup> 113, 306 83, 353	1, 500 1, 500 1, 500	1, 8 1, 8 1, 8	.2 1.3 1.8	4 2, 253, 005 4 287, 518 175, 763	86.8 66.9 61.6	General contractors <sup>2</sup> Building Building not specialized <sup>2</sup> Commercial building	1, 624, 526 1, 560, 195 1, 352, 604	57, 400	68.5		3, 081, 354 2, 596, 129 133, 413	74.8 77.6
Subcontractors Heating and plumbing Heating and piping Plumbing	<sup>3</sup> 385, 028 118, 268 92, 407 25, 861	75, 722 67, 722	98.2 89.4 79.9 9.4	21, 6 64, 0 73, 3 30, 9	4 873, 378 203, 002 161, 603 41, 399	100.0	only Residential building only Sewer, gas, water, conduit Dredging, river, harbor, etc.	36, 100 171, 491 15, 322 49, 009	17, 545 2, 553	20.9	10.2 16.7	351, 812 49, 590 240, 333	62, 7 100, 0 94, 6
Roofing and sheet-metal work Sheet-metal work	70, 919 70, 919	7, 500	8,9 8,9	10. 6 10. 6	210 873		Subcontractors. Masonry Excavating Metal work, n. e. s.	<sup>3</sup> 936, 144 9, 700 9, 466 95, 920	3,000 7,546	3.6	30.9 79.7	4 2, 129, 471 34,000 52, 214 482, 519	100.0
Plumbing and gas fitting equipment							Brick (face, common, fire,		-				
All classes	1, 344, 807	20, 509		1.5	3, 126, 888		paving, etc.) All classes					\$ 5, 500, 748	
General contractors Building Building not specialized Commercial building only	113, 360	2,648 2,500	$12.9 \\ 12.9 \\ 12.2 \\ .7$	3.0	4 2, 253, 000 287, 518 175, 763 111, 755	66.9 61.6	General contractors Building Building not specialized. Commercial building	<sup>3</sup> 1, 617, 793 1, 553, 465 1, 345, 871	34, 246 28, 531	91. 1 75. 9	2.1	2, 569, 906	74.8
Subcontractors Heating and plumbing Plumbing	1.	17, 861 17, 861	87.1 87.1	4.6	4 873, 878 4 203, 003 41, 39	2 100.0	only Residential building only. Subcontractors	3 936, 14	4, 515 3, 350		2.6	4 2, 129, 47	2 62,7 90,1
Electrical appliances and	-0100	1					Masonry Metal work, n. e. s	9,700 95,920	) 3,000 ) 350	) 8. (			52.8
supplies <sup>6</sup> All classes	1, 844, 80	7 154, 935	100. C	11.5	3, 126, 38	8 89.7	Cement All classes			-1			
General contractors Building Building not specialized.	3 959, 77 113, 36 83, 35	6 608 3 600	.4	5	175,76	3 61.6	General contractors Building Building not specialized_ Commercial building	1, 553, 46 1, 345, 87	2 35, 171 1 30, 566	1 68.4 5 59.1	4 2.3 5 2.3	2, 569, 90	1 74.8 6 77.6
Commercial buildingonly Subcontractors	30, 01 385, 02 153, 40	8 154, 327 8 153, 388	99. ( 99. (	100.0	111,75 4 873,37 239,94 4 203,00	8 99.9 3 99.6	only Residential building only Sewer, gas, water, conduit Dredging, river, harbor, etc	15, 32	1 4, 100 2 2, 55 9 6, 570	3 8, 3 5, 6 12,	0 2.4 0 16.7 8 13.4	351, 81 49, 59 240, 33	2 62.7 0 100.0 3 94.6
Heating and plumbing Heating and piping	8 118, 26 92, 40	8 939 7 939		s 1.0	161, 60		Subcontractors Masonry Excavating	_1 9.70	0 80	0 1.	6 8.2	52, 21	0 100.0
Pipe: Drain tile, vitrified, concrete, segment tile, corrugated							Structural steel 6		0 4, 50'	7 8.	8 4.7	482, 51	9 52.8
All classes			100.0				All classes	3 1, 617, 79	3 313, 44	2 63.	8 19.4	4 3, 345, 05	4 77.8
General contractors Highway Sewer, gas, water, conduit_	. 406, 27	4 25,711	$\begin{bmatrix} 100.\\ 56.\\ 43.\\ \end{bmatrix}$	2 6.5	1, 027, 14	05 86.8 14 100.0 18 82.7	Building Building not specialized Residential building only Dredging, river, harbor, etc	1, 345, 87	$\begin{array}{cccc} 1 & 305,98 \\ 1 & 4 \end{array}$	8 61. 6 (*)	8 22.7 ( <sup>5</sup> )	2, 569, 90 351, 81 240, 33	6 77.6 2 62.7 3 94.6
Pipe: Cast-iron, sheet, and tube steel, etc. All classes		57,88	5 100.	0 4.5	3, 126, 38	33 89.7	Subcontractors	<sup>3</sup> 936, 14 191, 59	9 169, 59	9  34.	2 88.	337, 12	9 99.4
General contractors	- <sup>3</sup> 959, 77 221, 98	9 36, 18	1 62. 0 20.	5 3.5	4 2, 253, 00 509, 6	_	ana trinc		0 42,05	7 100.	0 1.0	8 <b>5, 500, 7</b> 4	8 81.1
Waterworks Subcontractors Heating and plumbing Heating and piping	3 385, 02 3 118, 20	28 21,70 38 21,70	4 37. 4 37.	5 5. 5 18.4	6 + 873, 3 4 + 203, 0	78 99.9	General contractors	<sup>3</sup> 1, 617, 79 <sup>3</sup> 1, 553, 40 1, 345, 8	32 8, 15 71 2, 38	9 19. 4 5.	4 7	5 4 3, 055, 1 2 2, 569, 9	54 77.8 51 74.8 56 77.6 52 7
Bituminous paving mate- rials, tar, asphalt, and oil							Dredging, river, harbor etc Subcontractors Ornamental ironwork	49, 0	)9 2, 58 14 31, 31	18 74. )0 71.	5 3. 3 33.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	71 90.1 47 100.0
All classes	• 1, 344, 80	07 20, 93	3 100.	0 1.		·	Metal work, n. e. s	95, 9	20 1, 31		1 1.		19 52.8
General contractors Highway Sewer, gas, water, conduit.	406, 2	74 12,93	3 100. 3 61. 0 38.	8 3.	2 4 2, 253, 0 2 1, 027, 1 6 509, 6	$\begin{array}{cccc} 05 & 86,8\\ 44 & 100,0\\ 18 & 82,7 \end{array}$	All classes	7 2, 560, 6 3 1, 617, 7	93 1, 00	$\frac{100}{100}$	0 <u>3</u> . 22.	1 4 3, 345, 0	54 77.8
Machinery							Building Commercial buildin only	g			2 2.		
All classes			5 100.				Subcontractors	\$ 936, 1	44 82, 00	00 98 00 26	8 8. 5 11.	8 4 2, 129, 4 5 337, 1	71 90, 1 29 99, 4
General contractors	] 117,0		5 100. 5 100.	0 2. 0 17.		05 86.8 92 88.4		1 <sup>1</sup> 90, 0	00 60, 00	00 72	3 66.	7' 132, 4	47  100.0

See footnotes at end of table. 

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

		COST OF I MAT	DESIGN ERIAL	ATED	construction siness	cent of s done 30 <sup>1</sup>			COST OF I MAT	DESIGNA ERIAL	ATED	truction	ent of done
KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce		nstru 1ess	ber ce force	KIND OF MATERIAL AND CLAS-	Cost of all materials		Per cer		nastru ness	per co ness force
SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of constru- business	Indicated per cei all business by own force <sup>1</sup>	SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of constr business	Indicated per cent of all business done by own force 1
ELIZABETH-Continued					· · · · · ·		ELIZABETH-Continued						
Lumber, rough and Anished							Electrical appliances and supplies						
All classes	\$2, 560, 670	\$601, 245	100.0	23. 5	\$5, 500, 748	81, 1	All classes	(	\$80, 857 9, 111	100.0	3.2 ,6	<sup>8</sup> \$5, 500, 748 4 3, 345, 054	81.1
General contractors <sup>2</sup> Building Building not specialized <sup>2</sup> - Commercial building only Residential building only	<sup>3</sup> 1, 624, 526 1, 560, 195 1, 352, 604 36, 100 171, 491	451, 760 440, 071 358, 591 10, 100 71, 980	73.3 59.6 1.7	26.5 28.0	4 3, 371, 277 3, 081, 354 2, 596, 129 133, 413 351, 812	74.8 77.0 78.9	General contractors. Building Building not specialized. Commercialbuildingonly. Residential building only.	1, 553, 462 1, 345, 871 36, 100 171, 491	9, 111 5, 011 550 2, 950	$     \begin{array}{r}       11.3 \\       6.9 \\       .7 \\       3.6     \end{array} $	.6 .4 1.5 1.7	3, 055, 131 2, 569, 906 133, 413 351, 812	74.8 77.6 78.9 62.7
Dredging, river, harbor, etc	49,009	11, 089	1.8	22.6	240, 333	94.6	Subcontractors Electrical Metal work, n. e. s	<sup>3</sup> 936, 144 71, 050	71, 746 71, 050 696	87.9	7.7 100.0	178,034	100.0
Subcontractors Carpentering and wood- flooring	<sup>3</sup> 936, 144 189, 147 95, 920		23. 9	76.0	4 2, 129, 471 283, 764 482, 510	100.0	Metal work, n. e. s Pipe: Cast-iron, sheet, and tube steel, etc.	95, 920	090	.9	.7	482, 519	04.0
Paints, varnishes and	00, 020	0,021	110	0.1	100,010		All classes	7 2, 560, 670	77,801				
glass *	7 0 560 670	049 795	100.0	9.5	<sup>8</sup> 5, 500, 748	81.1	General contractors Building Building not specialized	3 1, 617, 793 3 1, 553, 462 1, 345, 871	ao, 00a	61,7	8.1	. 4 3, 055, 131	74.8
All classes		242, 735 174, 013			4 3, 345, 054	77.8	Subcontractors	\$ 936, 144	29, 797	38.3	8.2	4 2, 129, 471	90.1
Building Building not specialized Commercial buildingonly	1, 553, 462 1, 345, 871 36, 100	174, 013 167, 613 800	71.7 69.1 ,3	11.2 12.5 2.2	3, 055, 131 2, 569, 900	74.8	Metal work, n. e. s	95, 920	29, 797	38, 3	31. 1	482, 519	52,8
Residential building only. Subcontractors	171, 491 3 936, 144	5, 600 68, 722		1 1		90.1	Sand, gravel, stone, slag, cinders, etc.						
Painting and decorating Glass and glazing	19,701 63,500	19,701 48,500	8.1 20.0	100.0 76.4	120, 223 116, 100	100, 0 98, 3	All classes		313, 389			11 30, 617, 871	
Metal work, n. e. s Roofing and sheet metal	95, 920	521	.2	. 5	482, 519	52.8	General contractors Building Building not specialized	<sup>3</sup> 15, 823, 461 15, 176, 907	303, 039 203, 745	65.0	1.9 1.3 8.8	4 25, 526, 140 23, 085, 529 3, 288, 647	84.4
All classes	7 2, 560, 670	75, 198	100.0	2.9	<sup>8</sup> 5, 500, 748	81.1	Manufacturing building	1			8.8 1.0	19, 796, 885	100.0
General contractors	<sup>3</sup> 1, 617, 793	17,601	23.4		4 3, 345, 054	77. 8 74. 8	Bridge and culvert Street paving Railroad	11, 900	3, 517 89, 887	1.1 28.7	29, 0 37, 0	675, 271 632, 819	21, 2 93, 1
Building Building not specialized Commercial buildingonly	1, 553, 462 1, 345, 871 36, 100	17, 567 15, 035 1, 250	23.4 20.0 1.7	1.1	3,055,131 2,569,906 133,413	77.6		1				1	1
Residential building only_ Dredging, river, harbor,	171, 491	1, 282	1,7	.7	183, 418 351, 812		Subcontractors Concreting	<sup>8</sup> 2, 130, 594 15, 147 <sup>8</sup> 760, 771	10, 350 4, 324 40	1.4	.5 28,5 ( <sup>6</sup> ) ( <sup>6</sup> )	94, 281	97.3
etc	49,009	34	(5)	.1 6.2	240, 338 4 2, 129, 471		Concreting Heating and plumbing Plumbing Plastering and lathing	899, 051 60, 350	40 2, 100	( <sup>5</sup> ) .7	3.5	263, 647	97, 1
Subcontractors Heating and plumbing Plumbing	<sup>8</sup> 936, 144 <sup>8</sup> 136, 855 119, 126	57, 597 221 221	76.6	.2	237, 199 209, 075	100.0	Marble and tiling Excavating	100,028		1, 1	. 3 9. 6	337,370	97.0
Plumbing Roofing and sheet-metal work	59, 206	56, 709	75.4	95, 8	155, 836 69, 657		Brick (face, common, fire, paving, etc.)	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -					
Roofing Sheet-metal work Metal work, n. e. s	25, 793 33, 413 95, 920	33, 413	31.0 44,4 .9		86, 179 482, 519	100.0	All classes	° 17, 960, 055	688, 460			10 1130,617,871	
Heating and ventilating	00, 020	007			10-, 010		General contractors Building Building not specialized	15, 823, 461 15, 176, 907 601, 804	688,460 657,092 145,311	95.4	4.4 4.3 24.1	23, 085, 529	84.8 49.7
equipment 6 All classes	7 2 580 670	301, 798	100. 0	11.8	<sup>8</sup> 5, 500, 748	81.1	Manufacturing building	14 575 010	511.781	74.3	3.5	19, 796, 882	100.0
General contractors	<sup>3</sup> 1, 617, 793	265, 915	88.1	16.4			Bridge and culvert Street paving Railroad	11, 900 242, 738 273, 776	4, 667 25, 421 1, 280	3.7	39.2 10.5	632, 819	93, 1 100, 0
Building Building not specialized Commercialbuildingonly	1, 553, 462 1, 345, 871 36, 100	265, 915 248, 815 1, 400	82, 3	18.4	4 3, 845, 054 3, 055, 131 2, 569, 906 133, 413 351, 812	74.8 77.6 78.9	Cement	-10,110	,				
Residential building only	171, 491	16, 200	5.4	9,4			All classes General contractors		195, 417	100.0 95.6		11 30, 617, 871	
Subcontractors Heating and plumbing Heating and piping Plumbing	<sup>3</sup> 936, 144 136, 855 17, 729 119, 126	35, 883 17, 729	11.9 11.9 5.9 6.0	26.2 100.0	4 2, 129, 471 237, 199 28, 124 209, 075	100.0	Building Building not specialized Manufacturing building	15, 176, 907 601, 894	159, 867 37, 129	81, 8 19, 0		<sup>4</sup> 25, 526, 149 23, 085, 529 3, 288, 647	
Plumbing and gas fitting equipment	115,120	10, 101	0.0	10, 20			only Bridge and culvert Street paving Railroad	14, 575, 013 11, 900 242, 738 273, 776	1,984 22,270	11.4	.8 16.7 9.2 1.0	675, 271 632, 819	21. 2 93. 1 100. 0
All classes	7 2, 560, 670	169, 983	100.0	6.6	\$ 5, 500, 748	81.1	Gub comtra store	20 100 504	8,656		.4 36.6	4 5, 091, 722	1
General contractors. Building Building not specialized. Commercial building	<sup>3</sup> 1, 617, 793 1, 553, 462 1, 345, 871	11, 541	6.8	.7 .7 .4	4 3, 345, 054 3, 055, 131 2, 569, 900	77.8 74.8 77.0	Concreting Heating and plumbing Plumbing Marble and tiling Excavating	15,147 3760,771 399,051 133,328	68 68 1,038	(5) (5) . 5	(5) (5) (5) (5) (5) (5)	4 1, 675, 489 899, 237 337, 373	1 89.4
only Residential building only	36, 100 171, 491		.8 3,2	3.6 3.1	133, 413 351, 812	78.9 62.7	Excavating Structural steel	36, 500	2,000	1, 0			
Subcontractors	<sup>3</sup> 936, 144	158, 442			4 2, 129, 471		All classes	17, 960, 055 315, 823, 461				11 30, 617, 871 4 25, 526, 149	
Carpentering and wood flooring Heating and plumbing	189, 147 3 136, 855	100, 530	1 59.1	23.8 73.5	283, 764 4 237, 199	100. 0 100. 0	Building Building not specialized.	15, 176, 907 601, 894	976, 476 976, 476 12, 800	81, 1 1, 1	6. 4 2. 1	4 25, 526, 149 23, 085, 529 3, 288, 647	84.8
Plumbing Metal work, n. e. s	119, 126	100, 530	50 1	84.4	209, 075 482, 519	100. 0 52. 8	only	14, 575, 013	963, 670	1		19, 796, 882	
See footnotes at end of	t table.						lo monanta di Seria da Seria. Na fisia da Seria			e dari			
	· . ·	н. 1 н. -					ana ang kanalang sa			1997) 1997) 1997)	e tas a	e e e e e e e e e e e e e e e e e e e	

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

			ERIAL		uction	cent of s done 3e 1		Cost of all	COST OF 1 MAT	TERIAL		ruction	cent of done e 1
KIND OF MATERIAL AND CLAS- BIFICATION OF ESTABLISH- MENTS	Cost of all materials distrib- uted by kind	Amount	Total cost a	Cost of all t distributed of materials	Value of construction business	Indicated per cen all business by own force <sup>1</sup>	KIND OF MATERIAL AND CLAS- SIFICATION OF ESTABLISH- MENTS	Cost of all materials distrib- uted by kind	Ämount	Total cost	Cost of all a distributed p materials	Value of constri business	Indicated per cent of all business done by own force 1
JERSEY CITY-Continued							JERSEY CITY-Continued						
Structural steel-Oontd.		4200.001	10.0	10.17	. ME 001 500	00.0	Heating and ventilating equipment <sup>6</sup>						
Subcontractors Heating and plumbing Plumbing	<sup>3</sup> 52, 136, 594 <sup>3</sup> 760, 771 399, 051	\$228, 021 850 850		.1	899, 237	97, 1	All classes	\$17, 960, 055	\$2, 754, 626	100.0		11\$30,617,871	
Steel erection Ornamental ironwork	212, 027 114, 558	197,171)	16.4		651, 210	100.0	General contractors Building Building not specialized	<sup>3</sup> 15, 823, 461 15, 176, 907 601, 894	2, 357, 648	85,6 85,6	15.5	4 25, 526, 140 23, 085, 529 3, 288, 647	84.4 84.8 49.7
Cast iron, miscellancous							Manufacturing building only	14, 575, 013	1.1.1	1	1		1
All classes					11 30, 617, 871	84.0	Subcontractors Heating and plumbing	<sup>3</sup> 2, 136, 594 760 771	396, 978 396, 978	14.4 14.4		45,091,722 1,675,489	93.3 89.4
General contractors Building Manufacturing building	<sup>3</sup> 15, 823, 461 <sup>3</sup> 15, 176, 907	534, 598 534, 598	100, 0 100, 0	3.4 3.5	4 25, 526, 149 4 23, 085, 529	84.4 84.8	Heating and piping Plumbing	760, 771 361, 720 399, 051	336, 449 60, 529	12.2	93.0 15.2	776, 252	5 79.1
only	14, 575, 013	1		8.7	19, 790, 882		Plumbing and gas-fitting						
Subcontractors Heating and plumbing Plumbing	3 2, 136, 594 760, 771 209 051	80 80 80	(5)	(0) (5) (5)	4 5, 091, 722 4 1, 675, 489 899, 237	93, 3 89, 4 97, 1	equipment <sup>6</sup> All classes	17.960.055	2, 925, 452	100.0	16.3	11 30, 617, 871	84,9
Lumber, rough and	000,001		(7		000, 201	0112	General contractors	3 15, 823, 461	2, 566, 089	87.7	16, 2	4 25, 526, 149 23, 085, 529	
finished All classes	17 060 055	347, 829	100.0		<sup>11</sup> 30, 617, 871	84. 9	Building Building not specialized Manufacturing building	15, 176, 907 601, 894			(5)	3, 288, 647	49,7
General contractors				2.0			only	14, 575, 013	1			19, 796, 882 4 5, 091, 722	
Building Building not specialized Manufacturing building	15, 176, 907 601, 894	205, 716 112, 991	50.1 32.5	1, 4 18, 8	<sup>4</sup> 25, 526, 149 23, 085, 529 3, 288, 647	84, 8 49, 7	Subcontractors Heating and plumbing Heating and piping Plumbing	<sup>3</sup> 2, 136, 594 760, 771 361, 720	359, 363 23, 654 335, 700	12.3	47.2 6.5	1, 675, 489 776, 252	89.4 79.1
only Bridge and culvert Street paving Bailroad	$\begin{array}{r} 14,575,013\\ 11,900\\ 242,738\\ 273,776\end{array}$	$502 \\ 3,468 \\ 108,000$	26.7 .1 1.0 31.0		19, 796, 882 675, 271 632, 819 808, 188	100, 0 21, 2 93, 1 100, 0	Plumbing Electrical appliances and supplies	399, 051	335, 709	11.5	84.1	899, 237	97.1
Subcontractors Carpentering and wood- flooring Concreting	3 2, 136, 594	30, 143	8.7		4 5, 091, 722		All classes					11.30, 617, 871	
Concreting and wood- flooring	49,945	28, 167 1, 846	8.1	56.4 12.2	96, 630 94, 281	100, 0 97, 3	General contractors Building Manufacturing building	<sup>3</sup> 15, 823, 461 <sup>3</sup> 15, 176, 907	651, 610 533, 470	83.6 68.4	4, 1 3, б	4 25, 526, 149 4 23, 085, 529	84.4 84.8
Heating and plumbing Plumbing		100	(5)	(5) (6)	4 1, 675, 489 899, 237	89.4	Central station, light and power plant	14, 575, 013					
Composition board					А. А.			1 .		1:			1.
All classes	and the second s		-		11 30, 617, 871	84, 9	Subcontractors Electrical	<sup>3</sup> 2, 136, 594 127, 891	127, 891 127, 891	16, 4 16, 4	100.0	262, 013	100.0
General contractors Building Building not specialized. Manufacturing building	<sup>3</sup> 15, 823, 461 15, 176, 907 601, 894	421, 666 421, 666 7, 784	100.0 1,8	2.8 1.3	3, 288, 647	84.4 84.8 49.7	Pipe: Cast-iron, sheet and tube steel, etc. <sup>6</sup> All classes	917, 960, 055	3, 644, 530	100.0	20.3	111030,617,871	84.9
011y	14, 070, 013	410,002		2.8 ( <sup>5</sup> )	19, 796, 882 4 5, 091, 722		General contractors Building. Manufacturing building only	315, 823, 461 315, 176, 907	3, 644, 530	100.0	23.0	4 25, 526, 140 4 23, 085, 529	84,4
Subcontractors Concreting	15, 147	32	(8) (8)	.2	94, 281	97. 3	Manufacturing building only	14, 575, 013 242, 738	3, 626, 280	99.5	24.9	19, 796, 882	2 100. 0
Paints, varnishes, and glass				n (	l A teta j	:	Street paving Machinery	242, 738	18, 250	) .6	7.5	632, 819	93.1
All classes					11 30, 617, 871		All classes			100.0	1.7	111030,617,871	84. 9
General contractors. Building Building not specialized. Manufacturing building	15, 823, 461 15, 176, 907 601, 894	13, 722	3,2 3,1 1,1	.1	4 25, 526, 149 23, 085, 529 3, 288, 647	84.4 84.8 49.7	General contractors Building Manufacturing building	315, 523, 461 315, 176, 907	313, 065 313, 065	100.0 100.0	2.0 2.1	4 25, 526, 149 4 23, 085, 529	84.4 84.8
Manufacturing building only Bridge and culvert	14, 575, 013	9, 087	2.1		1	100.0	Manufacturing building only	14, 575, 013	313, 065	i 100. (	2.1	19, 796, 882	2 100. 0
Subcontractors Heating and plumbing	<sup>3</sup> 2, 136, 594 <sup>3</sup> 760, 771		. 98.8	19.8			Metal products, n.e.s. (in- cluding metal furni- ture) <sup>6</sup>					n da an Angelo da Angelo Angelo da Angelo da	
Plumbing Painting and decorating	292, 419	292, 397	(5) 67.1	(8) 100.0	899,237 568,622	97.1 100.0	All classes					11 30, 617, 871	
Glass and glazing Roofing: and sheet metal		129, 624	29.7	100.0	314, 401	96, 7	General contractors Building	<sup>3</sup> 15, 823, 461 15, 176, 907	2, 073, 557 2, 073, 557 32	99.8 99.8 (*)	13.1 13.7 ( <sup>4</sup> )	4 25, 526, 149 23, 085, 529 3, 288, 647	84.4 84.8 49.7
All classes	1 .	307, 633	100.0	1.7	11 30,617, 871	84. 9	Building not specialized Manufacturing building only	601, 894 14, 575, 013	1	1			
General contractors	3 15,823, 461	111, 128	36, 1 36, 1	.7	4 25,526,149 23,085,529 3,288,647	84. 4 84. 8		1. The second			1	4 5, 091, 722	93.3
Building Building not specialized Manufacturing building	601, 894	8, 653	2.8	1.4	1. Sec. 1. Sec		Steel erection NEWARK	212, 027	14, 856		7.0	651, 210	1 100.0
only				1.1.4	4 5 001 799	03 3	Sand, gravel, stone, slag,			. · · ·		n shin Shin Shin	1
Subcontractors Heating and plumbing Heating and piping	. 361,720	196, 505 1, 632 1, 617	. 5 . 5	.2	5, 091, 722 1, 675, 489 776, 252 899, 237	89.4 79.1	cinders, etc. All classes	22, 969, 804	965, 444	100.0	4,2	55, 478, 635	5 76.4
Roofing and sheet-metal	. 899, 051	10	()	(*) 99.1	899, 237 415, 716		General contractors	311, 198, 869	805, 901	83. 5	7.2	4 32, 814, 553	65.6
work Roofing Sheet-metal work Roofing and sheet metal	14, 635 153, 589	14, 635 153, 589		100.0 100.0	60, 672 275, 673	88. 5 95. 7	Building Building not specialized Commercial building only Residential building only	2, 747, 358 2, 478, 071 29, 053 240, 234	7, 535	. 8	10.8 25.9	10, 884, 915 234, 045	7.7
combined See footnotes at end o	-	26, 649	0.7	1 9.4°T	1 10,011	91.0	II TAALGUUMA DUUUIN OUIY.	1 11111111	,			_, _, _, _, _, _, _, _,	

· 7

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

		COST OF I MAT	DESIGN ERIAL	ATED	of construction business	cent of s done ce 1			COST OF L MAT	DESIGN ERIAL	ATED	of construction business	Indicated per cent of all business done by own force <sup>1</sup>
KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce	nt of—	nstru ess	Indicated per cel all business by own force <sup>1</sup>	KIND OF MATERIAL AND CLAS-	Cost of all materials		Per cei	nt of—	astru less	er ce ess orce
SIFICATION OF ESTABLISH- MENTS	distrib- uted by		st	uls del	f coi usin	d na na n	SIFICATION OF ESTABLISH- MENTS	distrib- uted by		cost	Cost of all distributed materials	d coi	d list List
a ann an Ann	kind	Amount	Total cost	t of teris	d b	icate J b y ov		kind	Amount	al cc	st of ribu	ue o L	icate y of
			Tot	Cost of all distributed materials	Value	la bil				Total	D gist	Value	Lad Lad
NEWARK-Continued							NEWARK-Continued				14	· · ·	
Sand, gravel, stone, slag, cinders, etcContd.							Structural steel 8				10.0	ALL 150 001	MAL
General contractors-Contd.	694 101		1.0		007 JO4	100.0	All classes General contractors			6.3	1.7	4 32, 814, 553	65.6
HighwayStreet paving	\$34, 161 638, 875	\$15,064 220,918	1.6 22.9 8.8	34.6	\$95, 424 2, 570, 552 1, 419, 149	94.2	Building	<sup>3</sup> 2,747, 358 2, 478, 071 240, 234	7,661 6,459	.3	.3	10, 884, 918	61.1
Street paving Sewer, gas, water, conduit_ Railroad	530, 798 39, 575 15, 240	950	.1 .1	10.1 2.4 49.2	132, 700 74, 500		Building not specialized . Residential building only. Street paving.	638, 875	1 3 174	( <sup>5</sup> ) .1 .7	.5	1, 023, 398 2, 570, 552	52.2 94.2
Foundation Central station, light and power plant Refuse disposal plant						1	Sewer, gas, water, conduit. Railroad Central station, light and	530, 798 39, 575	21, 956 14, 100	.7	4.1 35.6		96.5 97.9
Refuse disposal plant	7, 026, 797 18, 352		.3		120,000	100.0	Central station, light and power plant Refuse disposal plant	7, 026, 797	142, 899	4.7 ( <sup>5</sup> )	2.0 6.6		90.2 100.0
Subcontractors Concreting Plumbing Masonry Plastering and lathing Marble and tiling Excevating Grading	<sup>3</sup> 11, 770, 935 249, 960	159, 543 102, 145	10,6	40.9	4 22, 664, 082 709, 847	98.5				1			1
Heating and plumbing	<sup>8</sup> 4, 421, 350 1, 528, 821	500 500	.1		4 8, 648, 262 3, 225, 596	95.6	Subcontractors Ooncreting Steel erection	249,960	2,851,193	()	( <sup>5</sup> )	709, 847	98.5
Masonry Plastering and lathing	106, 727 45, 300	30, 300 400	( <sup>6</sup> )	9, 1	350, 248	100.0	Lumber, rough and	. 0,000,109	, aut, 100			1,010,10	
Marble and tiling	108, 574 10, 885	837 9, 885	.1	.8 90.8	286, 650 542, 300	99.0	finished						1
Grading Dredging, river, harbor, etc.	12,000 132,269		1,2		257,229	98.7	All classes					·	
Brick (face, common, fire,	1	ĺ					General contractors Building	<sup>3</sup> 11,198,869 2,747,358	425, 611	57.3	15.5	5 12, 142, 35	
paving, etc.)							Building Building not specialized. Commercial building	2, 478, 071					
All classes		·		·		·	only Residential building only.	29, 053 240, 234	26,300		10.9	1, 023, 30	8 52.2 2 94.2
General contractors	.  <sup>3</sup> 11,198,869 2,747,358 2,478,071	548, 212 453, 823	81.4	16.5	12, 142, 358	43.4	Street paying Sewer, gas, water, conduit	638, 878 530, 798	84,455	11.4	15,9	1, 419, 14	9 96.5
Building Building not specialized. Commercial building				18.1			Railroad Central station, light and	. 39, 570 7, 026, 797		1			
Residential building only.	240, 234	4, 991	. 9	2.1	234, 045 1, 023, 398 2, 570, 552		power plant Refuse disposal plant	18, 352	106, 688 7, 513	1.0	40.9		
Street paving Sewer, gas, water, conduit	638, 875 530, 798	1,500 16,797 200	, 3 3, 0	8.2	1, 419, 149	90.5	Subcontractors Carpentering and wood-	<b>3 11,770,93</b>	1 1 1 1 1		1.0	4 22, 664, 08	1
Sewer, gas, water, conduit. Railroad Central station, light and	39, 575	100 A		.5			flooring Concreting	80, 467 249, 966	54,098 27,505 1,000	7.3	11.0	709,84	7 98.5
power plant	1	1 A A A A A A A A A A A A A A A A A A A				Sec. 9. 1	flooring Concreting Excavating Dredging, river, harbor,	10, 886			9.2	· ·	1
Subcontractors	.  249,900	1 04	(6)	( <sup>5</sup> ) 7.2	4 22, 064, 082 709, 847 350, 248	98.5 100.0	etc	132, 269	83, 634	4.5	25.4	442, 50	100.0
Masonry Plastering and lathing	45, 300	1,500	.3	3. 3	75,000	100.0	Millwork						
Cut stone, granite and marble				- y - 1			All classes General contractors	22,969,804	381,990	95.6		4 32. 814. 55	65.6
All classes	22, 969, 804	540, 197	100. 0	2.4	55, 478, 635	76.4	Building Building not specialized Commercial building	2, 747, 358 2, 478, 071	371, 780 321, 132	93. 0 80. 3	13.5	12, 142, 35	8 43.4 5 61.1
General contractors	311, 198, 869	338, 876	62.7	3,0	4 32, 814, 553	65. 6	Commercial building only Residential building only		285	12.6	1.0 21,0		5 7.7
Building not specialized	2,478,071	110, 844	20.5	4.0	10, 884, 915	43.4 61.1 94.2	Central station, light and	5 S S		1	L .		
Street paving Sewer, gas, water, conduit. Central station, light and	638, 875 530, 798	410,000		34.3 .2	2, 570, 552	96.5	power plant	7,026,797	1	1		2 4 22, 664, 08	- -
power plant	7, 026, 797	7, 379	, 1,4	.1	16, 040, 214	90. 2	Subcontractors Carpentering and wood-	<sup>3</sup> 11,770,935 80,467					
Subcontractors	<sup>3</sup> 11, 770, 035	201, 321 400	87.3		4 22, 664, 082 709, 847	98. 1 98. 5	flooring Heating and ventilating	00,101					
Subcontractors Concreting Stonework Marble and tiling	207,030	199,030	36.8	96, 1	537,729 286,650	98, 0 100, 0	equipment <sup>6</sup>	00.000.00	9 000 800	100.0	14, 3	55 478 63	5 78.4
Cement	. 100,011	,					All classes	\$11,198,869	3,290,829	3, 1	. 9	4 99 914 555	65.6
All classes	22, 969, 804	780, 015	100.0	3.3	55, 478, 635	76.4	General contractors Building Building not specialized Residential building only.	<sup>3</sup> 2, 747, 358 2, 478, 071	4,418 418	( <sup>3</sup> )	(*)	10, 884, 91	8 43,4 5 01.1
General contractors		·	·	5,7			Residential building only. Central station, light and	240, 284	4,000	, 1	1,7		
Building Building not specialized.	2, 747, 358 2, 478, 071	313, 564	41.3			43.4	power plant	7,026,797				1 22 664 08	98.1
Commercial building	and the second sec			17.8		1	Subcontractors Heating and plumbing Heating and piping	<sup>3</sup> 11, 770, 935 4, 421, 350 2, 892, 529 1, 528, 821	8,189,873	96, 9 85, 0	72.1	8, 648, 26	2 96.9 6 97.3
only Residential building only		38, 393	5.1	16.0	1, 023, 398	52.2	Plumbing	1, 528, 821	393, 891	85. 0 12. 0	25, 8	3, 225, 59	6 95.6
Highway Street paving	34, 161 638, 875 530, 798 39, 575	7,515	13.4	15.9	2, 570, 552	94.2	Plumbing and gas fitting equipment						
Highway Street paving Sewer, gas, water, conduit Railroad Foundation Central station, light and power plant	530, 798 39, 575	31,904 820		2.1	132,700	96.5 97.9 100.0	All classes	22, 969, 804	1,183,545				
Central station, light and	15,240	, 0, 880					General contractors	<sup>3</sup> 11, 198, 868 <sup>3</sup> 2, 747, 358 2, 478, 071 240, 234	18, 529 8, 274 1, 724	.7	1.3	10, 884, 91	8 43.4
power plant Refuse disposal plant	7, 026, 797	169, 997 3, 830			18, 040, 214 120, 000	100.0	Building Building not specialized. Residential building only.	240, 234	6, 550	.1 .6	2.7		
Subcontractors	8 11,770,935 249, 966	125,401	16. 5 10. 9	5 1.1 33.1	4 22, 664, 082 709, 847	98.1 98.5	Central station, light and power plant	7, 026, 797					1
Concreting Masonry Plastering and lething Marble and tiling	249,966 106,727 45,300	82, 628 88, 107 700	5.0	) 35.7	350, 248 75, 000	100.0	Subcontractors Heating and plumbing	4,421,000	1,165,016 1,165,016	98.4 98.4 5.8	26.3		2 96.9
Marble and tiling Dredging, river, harbor, etc.	. 108, 574	2,226		2,1	286, 650 442, 500	98.5 100.0 100.0 100.0 100.0	Heating and piping	2, 892, 529	1, 165, 016 68, 208 1, 096, 808	92.7		5, 422, 00 7  3, 225, 59	
See footnotes at end		<b>,</b> .	•							1.12			

See footnotes at end of table.

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

		COST OF MA	DESIGN TERIAL		ction	nt of done			COST OF MA	DESIGN TERIAL		ction	nt of done
KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce	nt of—	struc	r cel SS rce 1	KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce	nt of-	stru	r cel
SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of construction business	Indicated per cent of all business done by own force <sup>1</sup>	SIFICATION OF ESTABLISTI- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of construction business	Indicated per cent of all business done by own force <sup>1</sup>
NEWARK-Continued							PATERSON-Continued						
Electrical appliances and supplies 6				· ·			Structural steel §						
All classes	\$22, 969, 804	\$1, 690, 587	100.0	7.4	\$55, 478, 63£	76.4	All classes		\$1, 242, 901	100.0		\$12, 769, 282	
General contractors	311, 198, 869	627,108	07.1	5. 6	4 32, 814, 558	65.6	General contractors Building Building not specialized.	<sup>8</sup> 2, 480, 072 <sup>3</sup> 1, 758, 441	186, 550 186, 550 184, 204	15.0 15.0	10.6	46, 457, 518	70.4 55.6
Building Building not specialized Residential building only	<sup>3</sup> 2, 747, 358 2, 478, 071 240, 234	193	(1)	(5) 1.3	4 12, 142, 358 10, 884, 915 1, 023, 398	61.1	Building not specialized Manufacturing building only	1, 721, 606 25, 235	184, 204 2, 346				
Central station, light and power plant	7, 026, 797			8.7	16,040,214	90.2	1						98.6
Miscellaneous, n. e. s	147, 713	14, 713	.9	10.0 	219, 656	100, 0	Subcontractors Steel erection	<sup>8</sup> 1, 796, 465 1, 056, 351	1, 056, 351	85.0	100.0	1, 317, 555	100.0
Subcontractors Concreting Electrical	249,966	1,063,479 6 1,037,313	(8)	(5)	\$ 22, 664, 082 709, 847	1 09 5	Reinforcing steel	04 070 595	170.005	100 0	9.7	14 10 1990 000	
Heating and plumbing Plumbing	<sup>3</sup> 4, 421, 350 1, 528, 821	18,260	1.1	.4	4 8, 648, 262	96, 9 95, 6	All classes General contractors		158, 985 158, 985			10 12, 769, 282 4 9, 917, 333	
Roofing and sheet-metal work	3 196, 189	7,900	1	4.0	4 563, 857	98.7	Building Building not specialized	\$ 1.758.441	130, 085 129, 287	81.8	7.4		55.6
Roofing	177, 070	7,900	.5	4.5	479, 841	98, 3	Manufacturing building only	25, 235	798	.5	3.2	164,900	73.9
Elevators, dumb-waiters, and equipment <sup>®</sup>							Bridge and culvert Sewer, gas, water, conduit	511, 000 42, 567	24, 000 4, 900	15.1 3.1	4.7 11.5		90.3 100.0
All classes				9.2			Lumber, rough and finished						
General contractors Building Residential building only.	<sup>8</sup> 11, 198, 869 <sup>8</sup> 2, 747, 358 240, 234	2, 800 2, 800 2, 800	.1 .1 .1	( <sup>5</sup> ) .1 1.2	4 32, 814, 553 4 12, 142, 358 1, 023, 398	65.6 43.4	All classes	4, 276, 537	382, 362	100. 0	8. 9	12, 709, 282	77.6
Subcontractors					4 22, 664, 082		General contractors Building Building not specialized	<sup>3</sup> 2, 480, 072 1, 758, 441 1, 721, 606	292, 562 257, 769 246, 536	76. 5 67. 4 64. 5	11.8 14.7 14.3	4 9, 917, 333 6, 457, 518 6, 246, 340	70. 4 55. 0 55. 2
Machinery <sup>6</sup>					. ,		Building not specialized. Manufacturing building only Residential building only.	25, 235	2, 148	. 6	8.5	184, 900	73.0
All classes	22, 969, 804	3, 228, 514	100.0	14.1	55, 478, 635	76.4	Bridge and culvert	11, 600 511, 000	9, 085 25, 000	6.5	4. 9	$\begin{array}{r} 46,278\\ 2,843,000\end{array}$	54.1 99.3
General contractors Central station, light and	11, 198, 869	3, 216, 692	99, 6	28.7	32, 814, 558	65. 6	Street paving Sewer, gas, water, conduit	24, 292 42, 567	428 9, 365	2, 4	1, 8 22, 0	57, 417 226, 469	100. 0 100. 0
power plant		3, 216, 692		45. 8	16, 040, 214	90.2	Subcontractors Carpentering and wood	<sup>3</sup> 1, 796, 465	89, 800	23, 5	5.0	4 2, 851, 949	98.6
Subcontractors Steel erection	11, 770, 935 3, 006, 134	11,822 11,822	.4 .4	.1 .4	22, 664, 082 4, 545, 197	98.1 98.8	flooring	124, 300	89, 800	23. 5	72.2	388, 169	100. 0
PATERSON							Millwork All classes	4, 276, 537	191 440	100, 0		10 720 000	77 0
Sand, gravel, stone, slag, cinders, etc. <sup>6</sup>	а. <sup>1</sup>						General contractors	<sup>4</sup> , 270, 337 <sup>3</sup> 2, 480, 072	121, 449	91. 3	2, 8 4, 5	12, 769, 282	77.6
All classes	4, 276, 537	471, 180	100. 0	11. 0	12, 769, 282	77.6	Building Building not specialized Manufacturing building	1,758,441 1,721,606	110, 849 108, 631	91, 3 89, 4		6, 457, 518 6, 246, 340	55. C 55. 2
General contractors	2, 480, 072 3 1, 758, 441	456, 242 249, 961	96.8 53.1	18.4 14.2	9, 917, 333 4 6, 457, 518	70.4 55.6	Manufacturing building only Residential building only	25, 235	1, 319	1, 1	5.2 7.8	164, 900	73. 9
Building not specialized Manufacturing building	1, 721, 606	244, 469	51.9	14.2	6, 246, 340	55.2	Subcontractors	11, 600 3 1, 796, 465	899 .10, 600	8. 7	7.8 . U	46, 278 4 2, 851, 949	54.1 98.6
only Highway Bridge and culvert	$\begin{array}{r} 25,235\\143,772\\511,000\\24,292\end{array}$	5, 492 115, 192	1.2 24.4 15.7	21.8 80.1 14.5	164, 900 332, 929 2, 843, 000	73.9 90.4	Carpentering and wood- flooring	124, 300	10,600	[	8.5	388, 169	
Street paving Sewer, gas, water, conduit_	24, 292 42, 567	74, 000 9, 034 8, 055	1.9	37.2 18.9	2, 343, 000 57, 417 226, 469	100.0	Hardware, rough and finished		· .				
Subcontractors	<sup>3</sup> 1, 796, 465	14, 938	3. 2	. 8	4 2, 851, 949	98.6	All classes	4, 276, 537	65, 858	100, 0	1.5	12, 769, 282	77.6
Roofing and sheet-metal work Roofing	<sup>3</sup> 94, 590 59, 753	14, 938	3. 2 3. 2	15.8	4 232, 156	97.8	General contractors	<sup>3</sup> 2, 480, 072 1, 758, 441	61,858	93. 9 78. 7	2, 5 2, 9	<sup>4</sup> 9, 917, 333 6, 457, 518	70.4
Brick (face, common,	08,100	14, 938	3. Z	25. 0	144, 455	96, 5	Building not specialized. Manufacturing building	1, 721, 606	51, 858 50, 480	76.6	2.9	6, 246, 340	55.2
fire, paving, etc.) All classes	9 4, 276, 537	280, 230	100. 0	6, 6 1	º 12, 769, 282	77.6	only Residential building only Bridge and culvert	25, 235 11, 600 511, 000	566 812 10, 000	. 9 1. 2 15. 2	2, 2 7, 0 2, 0	164, 900 46, 278 2, 843, 000	73, 9 54, 1 99, 3
General contractors	<sup>3</sup> 2, 480, 072 <sup>8</sup> 1, 758, 441	280, 230	100.0	11.3	4 9, 917, 333	70.4	Subcontractors Carpentering and wood-	8 1, 796, 465	4, 000	6. 1	. 2	4 2, 851, 949	98.6
Building not specialized. Manufacturing building	1, 721, 606	278, 272 274, 200	99. 3 97. 9	15.8 15.9	4 9, 917, 333 4 6, 457, 518 6, 246, 340	55.6 55.2	flooring	124, 300	4, 000	6. 1	3.2	388, 109	100, 0
onlySewer, gas, water, conduit	25, 235 42, 567	4, 012 1, 958	1.4	$15.9 \\ 4.6$	164,900 226,469	73, 9 100, 0	Roofing and sheet metal						
Cement 6							All classes General contractors	4, 276, 537	1,200	100.0	(5)	12, 769, 282	77.6
· · · ·	<b>9</b> 4, 276, 537	643, 511	100, 0	15.01	0 12, 769, 282	77.6	Building not specialized	<sup>3</sup> 1, 758, 441 1, 721, 606	1, 200 1, 200	1.5 1.5	.1 .1	4 6, 457, 518 6, 246, 340	55. 6 55. 2
Building not specialized	2, 480, 072 3 1, 758, 441 1, 721, 606	643, 511 264, 199 257, 968	100. 0 41. 1 40. 1	25.9 15.0 15.0	9, 917, 333 4 6, 457, 518 6, 246, 340	70. 4 55. 6 55. 2	Heating and plumbing	<sup>3</sup> 1, 796, 465 288, 339 255, 517	81, 357 1, 705 1, 000	98.5 2.1 1.2	4.5	4 2, 851, 949 568, 803	98.6 95.7 03.7
Manufacturing building only	25, 235	6, 231 12, 000	1.0	24.7		73, 9	Plumbing and heating combined	200, 517	705	1.2	.4 2.1	497, 300 71, 503	93.7 100.0
Highway Bridge and culvert Street paving	143, 772 511, 000 24, 292	12,000 860,000 230	1.9 55,9 ( <sup>8</sup> )	8.3 70.5	$\begin{array}{r} 164,900\\ 332,929\\ 2,843,000\\ 57,417\end{array}$	90.4 99.3 100.0	work	94, 590	79, 652	96. 5	84.2	232, 156	97.8
Sewer, gas, water, conduit See footnotes at end o	42, 567	7, 082	í. 1	16. 6	226, 469	100. ŏ	Roofing Sheet-metal work	59, 753 34, 837	44, 815 34, 837	54. 3 42, 2	75.0 100.0	144, 455 87, 701	96. 5 100, 0

,

.

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

* <u></u>		COST OF I MAT	DESIGN		ction	cent of s done ce 1			COST OF I MAT	DESIGN TERIAL		ction	cent of s done 38 1
KIND OF MATERIAL AND CLAS- SIFICATION OF ESTABLISH- MENTS	Cost of all materials distrib- uted by kind	Amount	Total cost	Cost of all H distributed p materials	Value of construction business	Indicated per cel all business by own force <sup>1</sup>	KIND OF MATERIAL AND CLAS- SIFICATION OF ESTABLISH- MENTS	Cost of all materials distrib- uted by kind	Amount	Total cost	Cost of all at distributed is materials	12 23	Indicated per cent all business do by own force 1
PATERSON—Continued Heating and ventilating equipment							TRENTON—Continued Cut stone, granite and marble					· ·	
All classes		\$102, 610			\$12, 769, 282		All classes	\$5, 285, 800			1.8	\$12, 202, 728	87.6
General contractors Building Building not specialized Manufacturing building	<sup>3</sup> 2, 480, 072 <sup>3</sup> 1, 758, 441 1, 721, 606 25, 235	5, 369 5, 369 5, 000 369	5.2 5.2 4.9	3	4 9, 917, 333 4 6, 457, 518 6, 246, 340 164, 900	1	General contractors Building Building not specialized	<sup>3</sup> 3, 673, 898 397, 631 397, 631	1, 500 1, 500 1, 500		.4	4 8,817,760 1,665,375 1,665,375	60.1 60.0
only Subcontractors Heating and plumbing Plumbing and heating combined	<sup>8</sup> 1, 796, 405 288, 339		94. 8 94. 8 82. 0	5, 4 33, 7 32, 9	4 2, 851, 949 568, 803 497, 300	98.6 95.7	Subcontractors Concreting Stonework Marble and tiling Flooring, n. e. s <i>Cement</i>	69,767 60,009	24, 054 60, 009 4, 945	98.5 24.8 61.8 5.1 6.7	34.5 100.0	<sup>4</sup> 3, 384, 968 192, 596 136, 118 68, 784 265, 147	100.0 100.0 98.7
Plumbing and gas fitting equipment							All classes	5, 285, 800	356, 901	100.0	6.8	12, 202, 728	87.6
Building not specialized	<sup>3</sup> 2, 480, 072 <sup>3</sup> 1, 758, 441 1, 721, 606	191, 051 1, 658 1, 658 1, 668	.9 .9 .9	$\begin{array}{c} \cdot 1 \\ \cdot 1 \\ \cdot 1 \\ \cdot 1 \end{array}$	12, 769, 282 4 9, 917, 333 4 6, 457, 518 6, 246, 340 4 2, 851, 949	70, 4 55, 0 55, 2	General contractors. Building. Building not specialized. Highway. Bridge and culvert. Railroad.	397, 631 397, 631 556, 866	33, 809 33, 809 210, 512 93, 895	9.5 9.5 59.0	8.5 8.5 37.8 3.7	* 8, 817, 760 1, 665, 375 1, 665, 375 1, 138, 424 5, 594, 000 180, 628	60.1 60.0 90.8 100.0
Subcontractors. Heating and plumbing Plumbing Plumbing and heating combined	* 1, 756, 465 288, 330 255, 517 32, 822	189, 393 189, 393 170, 359 19, 034	99.1 89.2		568, 803 497, 300	95.7 93.7 100.0	Subcontractors Concreting Roofing and sheet-metal work Roofing and sheet metal	<sup>3</sup> 1, 611, 902 69, 767 <sup>3</sup> 140, 675	17, 891 7, 700 270	.1	11.0 .2	4 3, 384, 968 192, 596 4 374, 459	
Electrical appliances and supplies							Combined Marble and tiling Sewer, gas, water, conduit	85, 118 34, 878 24, 692	411	.1	1.1.2	168, 419 68, 784 51, 897	100.0 98.7 100.0
All classes	4, 276, 537 3 2, 480, 072 3 1, 758, 441	232, 020 9, 135 135	8.9 .1	. 4	4 9, 917, 333	70.4 55.0	Flooring, n. e. s Structural steel 6	67, 071		.8		265, 147	100.0
Building Building not specialized Bridge and culvert	1,721,006 511,000	135 9,000	3.9	( <sup>5</sup> ) 1.8	6, 246, 340 2, 843, 000	99, 3	All classes	5, 285, 800	1, 616, 447	100.0	30. 6	12, 202, 728	87.6
Subcontractors Electrical TRENTON	<sup>3</sup> 1, 796, 465 232, 885	222, 885 222, 885	96.1 96.1	12, 4 95, 7	4 2, 851, 949 345, 266	98, 6 100, 0	General contractors Building Building not specialized	<sup>3</sup> 3, 073, 898 397, 631 897, 631	14,064	.9	3.5	4 8, 817, 760 1, 665, 375 1, 665, 375 5, 594, 000	60.1
Sand, gravel, stone, slag,							Bridge and culvert Railroad	2, 557, 131 50, 086		1.3	43.3	180, 628	86.7
cinders, etc. All classes	5, 285, 800	388, 887	100.0	7.4	12, 202, 728	87.0	Subcontractors Roofing and sheet-metal	3 1, 611, 902			42.4	4 3, 384, 968	1
General contractors Building Building not specialized	3, 673, 898 307, 631 397, 631	357, 350 34, 557 34, 557	91.9 8.9 8.9	9.7 8.7 8.7	8, 817, 700 1, 665, 375 1, 665, 375	60, <b>1</b> 60, 0	work Sheet-metal work Steel erection	<sup>8</sup> 149, 675 64, 557 734, 203	14, 807 14, 807 669, 203	.0 .9 41.4		4 374, 459 206, 040 1, 148, 718	100.0
Highway Bridge and culvert Street paving Railroad	556,866 2,557,131 112,184 50,086	213, 789 560 105, 469 2, 975	55.0 .1 27.1 .8	( <sup>5</sup> ) 94, 0	1,138,4245,594,000239,333180,628	90.8 100.0 98.6 86.7	Reinforcing steel 6 All classes	5, 285, 800	1, 244, 151	100.0	23. 5	12, 202, 728	87.6
Subcontractors Concreting Roofing and sheet-metal work. Roofing and sheet motal	<sup>3</sup> 1, 611, 902 69, 767 <sup>3</sup> 149, 675	81, 537 7, 036 350	8.1 1.8 .1	2, 0 10, 1 , 2	4 3, 384, 968 192, 596 4 374, 459	98. 1 93. 7 100. 0	General contractors. Building. Building not specialized. Highway. Bridge and culvert. Railroad.	<sup>3</sup> 3, 673, 808 307, 631 307, 631 556, 866 2, 557, 131 50, 086	1, 641 1, 641 75, 022 1, 166, 673	.1 .1 6.0	.4 13.5	4 8, 817, 760 1, 665, 375 1, 665, 375 1, 138, 424 5, 594, 000 180, 628	60.1 60.0 90.8 100.0
combined Marble and tiling Excavating Sewer, gas, water, conduit Flooring, n. e. s	$85,118 \\ 34,878 \\ 162 \\ 24,692 \\ 67,071 \\ \end{array}$	267 162	い。1 (り)。4	, 4 , 8 100, 0 , 1 33, 1	168, 419 68, 784 70, 497 51, 397 265, 147	100.0	Subcontractors Concreting Sewer, gas, water, conduit	<sup>3</sup> 1, 611, 902 69, 767 24, 692	630 346 284	(š) (š)	( <sup>3</sup> ) . 5 1, 2	4 3, 384, 968 192, 596	98.1
Brick (face, common, fire, paving, etc.)		00.000			10.000 500	07.0	Lumber, rough and finished						
All classes General contractors Building Building not specialized	5, 285, 800 <sup>3</sup> 3, 673, 898 397, 631 397, 631		97.7 97.7	$     \begin{array}{r}       1.6 \\       2.2 \\       20.6 \\       20.6     \end{array} $	12, 202, 728 4 8, 817, 760 1, 665, 375 1, 665, 375	87.6 84.3 60.1 60.0	All classes General contractors Building	5, 285, 800 <sup>3</sup> 3, 673, 898 397, 631	103, 531 93, 363 81, 969	100. 0 90. 2 79. 2 79. 2	2.0 2.5 20.6	12, 202, 728 4 8, 817, 760 1, 665, 375	84.3 60.1
Subcontractors Concreting Sewer, gas, water, conduit			2.3 1.7	20.0 .1 2.0 2.1	4 3, 384, 968 192, 596 51, 397	98.1 100.0	Building not specialized Bridge and culvert Railroad	<sup>3</sup> 3, 673, 898 397, 631 397, 631 2, 657, 131 50, 086	81, 969 2, 500 8, 894	2.4 8.6	. 1	1, 665, 375 5, 594, 000 180, 628	60.0 100.0 86.7
Concrete and cinder block							Subcontractors. Carpentering and wood flooring	<sup>3</sup> 1, 611, 902 19, 774	10, 168 8, 000	9.8 7.7	.6 40.5	4 3, 384, 968 115, 125	
All classes	<sup>9</sup> 5, 285, 800 <sup>3</sup> 3, 673, 898	166, 403	100.0	4.5	10 12, 202, 728 4 8, 817, 760	84.3	work	\$ 149, 675	50	(5)	(5)	4 374, 459	
Building Building not specialized Bridge and culvert	397, 631 397, 631	14,928 14,928	9.0 9.0	3, 8 3, 8,	1, 665, 375 1, 665, 375 5, 594, 000	60.1 60.0	Roofing and sheet metal combined	85, 118 24, 692		( <sup>5</sup> ) 2. 0	.1	168, 419	

See footnotes at end of table.

789

-

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS—Continued

													······
		COST OF 3	DESIGN		ction	cent of done		× .	COST OF 1	DESIGN		ction	cent of s done e i
KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce		nstru less	er ce ess rce t	KIND OF MATERIAL AND CLAS-	Cost of all materials		Per ce	nt of-	Istru ess	ess co 1
SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of construction business	Indicated per ce all business by own force <sup>1</sup>	SIFICATION OF ESTABLISH- MENTS	distrib- uted by kind	Amount	Total cost	Cost of all distributed materials	Value of construction business	Indicated per ce all business by own force <sup>1</sup>
TRENTON-Continued							TRENTON-Continued						
Roofing and sheet metal					i i i i i i i i i i i i i i i i i i i		Plumbing and gas-fitting equipment		4	• •			
All classes					\$12, 202, 728		All classes	\$5, 285, 800	\$132, 779	100. 0	2.5	\$12, 202, 728	87.6
General contractors. Building Building not specialized.	397,631	4,875	3.6	1 1.2	4 8, 817, 760 1, 665, 375 1, 665, 375	60.1	General contractors	397,631	6,000	4.5	1.5	4 8, 817, 760 1, 665, 375	84.3 60.1
Subcontractors	<sup>3</sup> 1, 611, 902	129, 948	96.4	8.1	4 3, 384, 968	98.1	Building not specialized					1, 665, 375 4 3, 384, 968	
work Sheet-metal work Roofing and sheet metal	149,675 64,557		96. 2 36. 8			100.0 100.0	Heating and plumbing Heating and piping Plumbing.	362, 797 345, 497	126,779 116,779	87.9	34.9 33.8	606, 177 580, 177	93, 6 92, 9
combined Sewer, gas, water, conduit	85, 118 24, 692	79, 998 300			168, 419 51, 397	100.0 100.0	Wire cable, guards, and fencing						2001 0
Heating and ventilating equipment							All classes	۶ 5, 285, 800 °	197, 542	100. 0	3.7	<sup>10</sup> 12, 202, 728	87.6
All classes	5, 285, 800	217, 253	100.0	4.1	12, 202, 728	87.6	General contractors	<sup>8</sup> 3, 673, 898 397, 631	197, 542 622	100.0	5.4	4 8, 817, 760 1, 665, 375	84.3 60.1
General contractors Building Building not specialized	<sup>3</sup> 3, 673, 808 397, 631 397, 631	8, 000 8, 000 8, 000	3.7	2, 0 2, 0 2, 0	1,665,375	$\begin{array}{c} 84.3 \\ 60.1 \\ 60.0 \end{array}$	Building not specialized HighwayBridge and culvert	397.631	622	.3 4.3	.2 1,5	1,005,375 1,138,424	60. O 90. 8
Subcontractors Heating and plumbing Heating and piping Plumbing Boofing and sheet metal	362, 797 345, 497	206, 253 199, 253	91.7	56.9 57.7	606, 177 580, 177	93.6 92.9					н. - н.		
Roofing and sheet-metal work Roofing and sheet metal	³ 149, 675	1,000	.5	.7	• 374, 459	100, 0							
combined Flooring, n. e. s	85,118 67,071	1,000 2,000	. 5	1, 2 3, 0		100. 0 100. 0							

Based upon the difference between the total value of all construction work reported and the value of subcontract work let.
Includes operative builders.
Includes construction work reported by establishments which did not include the designated material in their distributed lists.
Less than one-tenth of 1 por cent.
See footnote 3 of Table 9 on page 779.
Includes construction work reported by operative builders who did not include the designated materials in their distributed lists.
Includes construction work reported by operative builders who did not include the designated materials in their distributed lists.
Includes construction work reported by operative builders who did not include the designated materials in their distributed lists.
Includes construction work reported by operative builders who did not include the designated materials in their distributed lists.
Includes construction work reported by subcontracting establishments which did not include the designated materials in their distributed lists.
Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.

### TABLE 11.-COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929

[This table is made up in three sections; the second section begins on p. 794, the third section on p.706]

														, <b></b> ,,
CLASSIFICATION OF ESTABLISH- MENTS	Total cost of all materials <sup>1</sup>	COST OF MATERIA DISTRIBU BY KIN	TED D Per cent of	Sand, gravel, crushed stone, slag, cinders, etc.	Brick (face, common, fire, paving, etc.)	Tile (fire- proof- ing)	Tile, facing, terra cotta, floor, and wall	Con- crete and cinder block	Cut stone, granite, and marble	Riprap, rubble, etc.	Cement	Lime	Plaster, etc.	Structural steel
NEW JERSEY	8110.024.711	\$90, 695, 082	<u>total</u> 82.4	86, 651, 259	\$2, 801, 028	\$299, 346	\$1,088,582	\$892, 084	\$1,660,661	<b>\$488, 59</b> 7	\$5, 718, 912	\$299, 405	\$484, 524	2\$11,076,952
Operative builders		657, 048				·							·	
General contractors	69, 190, 610						434, 634	752, 754	896, 431	473, 566	5, 218, 810	209, 876	363, 837	3,004,341
Building Building not specialized Commercial building only	69, 190, 610 39, 951, 431 19, 680, 125	56, 165, 018 31, 437, 350 13, 209, 065 233, 456	78.7	1, 211, 909	1,693,142	$  226, 331 \\ 212, 856 \\  $	357,440	544, 079 408, 964	538,887 520,542	52, 894 45, 594	1, 391, 955 1, 102, 760	185,785 147,458	358, 447	1, 650, 648 646, 871
Commercial building only Manufacturing building only Residential building only	1 543, 116	14.090.177	- 88° T	168,096	21, 200 527, 935	6, 742	5,496	22,819	535		18, 407 5, 218, 810 1, 391, 955 1, 102, 760 20, 459 144, 958 123, 778	2, 200 8, 507	9, 132	1, 162 974, 089
Residential building only Highway	4, 903, 013 8, 886, 928	3, 299, 652 7, 246, 617	81.5	2,606,537	105, 879 17, 600	0, 900	39, 899	10, 157	30, 042	107, 388	20,489 144,958 123,778 2,238,073 499,198	27,020 8,315	103, 400	30,101
Residential building only Highway Bridge and culvert Grading Street paving Sewer, gas, water, conduit Waterworks Dredging, river, harbor, etc Railroad	8, 886, 928 3, 407, 400 421, 703 3, 835, 572	3, 303, 271 367, 887 2, 547, 929	87.2	68, 262	2,852		401 39, 899 	101,071	919 311, 882	12,800	114, 792 425, 653	198		100 407
Sewer, gas, water, conduit	3, 455, 561 810, 209	2, 538, 078 2, 538, 110	73.4	298,792	52, 440		15, 000	12,000	5, 722	26.949	276, 993	3, 978 2, 080	3, 000	26, 768 3, 140
Dredging, river, harbor, etc	464, 641 606, 081	451, 611 606, 081	97.2	10,989	3, 064			1,70	1,600	240,119 22,910	6, 576 36, 122			19,408
Foundation Central station, light and power	40, 082	40, 082	2] 100. 0	11,611	5,000	2, 500						1		
plant	7.144.937	10,040	100.0	1 3 327	75, 892	2, 013	16, 278	65	7 7,379		169, 997 3, 830	4,870		142, 899 1, 205
Refuse disposal plant Miscellancous, n. e. s	1	147,713	sj 100. U							0.001	401.000	00 10		
Subcontractors. Carpentering and wood flooring. Concreting	<sup>3</sup> 39, 782, 000 1, 035, 247	785,657	85.1	1, 134	2,600	04,010	650, 148 428		04 77	0, 901	481, 690 1, 277 288, 427	5 80, 128 5 400	107, 438 100 500	8, 066, 361 42 4, 483
Electrical	2, 827, 185	11 9 700 820	88.8 95.5 100.0		1, 002									
Elevator construction Heating and plumbing		1 11, 458, 188	75.4	000	1,018		372	800	)		428		88	850
Pipe covering	6, 318, 442 017, 311 5, 772, 675	17, 697	2.9	540	1, 018 1, 018			800	)		118		30	850
Heating and piping Pipe covering Plumbing Plumbing and heating com- bined	2, 496, 463		29.7	120	180, 300		372				810	22, 703		
Masonry Peinting and decorating	563, 127	11 547.327	1 97.2	104, 963	180, 300	36, 810	5, 853	79, 990	i 10, 428	1,209	105, 300		100	
Glass and glazing Plastering and lathing Roofing and sheet-metal work Roofing	349, 346 275, 978	107 040	1 71 4	13, 998	13, 300	350	732	17, 71	2, 070	150	9, 740	37, 759	43, 032	804
Roofing and sheet-metal work Roofing	2, 177, 403 812, 828 925, 948	1, 884, 490 682, 005 837, 135	86.5	15,838 15,288							200			804 16, 632 16, 632
			1	550							27(			10, 632
Roofing and sheet metal com- bined. Steel erection.	$\begin{array}{c} 438, 687\\ 8, 772, 436\\ 621, 425\\ 1, 123, 203\end{array}$	365, 350 8, 350, 259 565, 407	95.2						557.407					7, 978, 831
Stonework Marble and tiling	105 887	II' 88 035	88.7	70, 937	898		642, 702		162, 448	368	43, 665 7, 853	8, 692	3, 559	
Excavating Ornamental iron Grading	221, 558 61, 047 14, 432	221, 558 13, 867	100.0	13.667							200			39,000
Street paving Sewer, gas, water, conduit	14, 432 41, 593	li 41,593	100.0 100.0	12,642 4,510	1, 510						8, 510			
Dam and reservoir Dredging, river, harbor, etc	31, 800 202, 269	31,800 132,269	65.4	6, 700 3, 470							6,500			
Street paving	1, <b>867</b> , 490 107, 071	1, 825, 490 67, 071	97.8 62.6	6, 407 22, 212	350				6, 537		3,000	9,000	12, 048	12, 371
CAMDEN		1, 344, 807	87.6	189, 858	20, 098		274	13, 261	7, 084	114, 119	215, 948	5, 101	4, 214	11, 422
General contractors	1,089,014	959, 779 113, 366	88.1		18, 899		274 274		7,084	114, 119	201, 689 8, 745		4, 214	
General contractors Building Building not specialized Commercial building only	154,440	83, 353	54.0 100.0	4,287	4, 536		274	4,269	1 2,500		5, 805 2, 850	1.200	1 800	4,435
Highway Sewer, gas, water, conduit	421,606	406,274	96.3	128,640	8.000			2,000			141, 255	2,000		
Waterworks Dredging, river, harbor, etc		117,070	100.0	12,047						101, 119	11, 689			
Subcontractors	413, 620	385, 028	93.1	14, 525	1, 199			6, 080			14, 259	1, 500		1, 825
Concreting Electrical Heating and plumbing	41.266	153,408	100.0					6, 080			14, 259			
Heating and piping	92,407	92, 407	100.0		1, 005 1, 005									
Plumbing Sheet-metal work	25, 861 70, 919	70, 919	100, 0 100, 0 100, 0											1, 825
Grading	1				- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	13, 398	23, 147	19, 152			51, 407	3, 152	15, 811	495, 412
Operative builders	6, 783	<u></u>	·j	1, 648										
General contractors	7 2 400 218	1, 617, 793		65, 694		11, 898	28, 147	19,152	2,400		44, 300	2, 886 2, 886	15, 811 15, 811	313, 442
Building Building not specialized Commercial building only Residential building only	1, 841, 127 1, 519, 682	1, 345, 871	88.6	34,407	34, 246 28, 531	11, 898 11, 598	23, 147 18, 931	12,800	2.300		35, 171 30, 565 500	2,296	11, 536	305, 988
Commercial building only Residential building only	36, 100 285, 345	36, 100 171, 491	100,0	17.545	4.515	800 	4, 216	1,800 2,850			4,106	390	3, 225	46
Sewer, gas, water, conduit Dredging, river, harbor, etc	15, 322 49, 009	171, 491 15, 322 49, 009	100.0 100.0	7, 389				1, 702			6, 576			7,408
Subcontractors Carpentering and wood flooring.	1, 036, 786 189, 147	936, 144 189, 147	90. 3 100. 0	16, 446	3, 350	1,500			1,200		7,107	266		
Electrical Heating and plumbing	\$ 232, 697	71,050 136,855	100.0											
Heating and piping Plumbing	17,729	17, 729 119, 126	100.0	l										
Plumbing See footnotes on p. 793	158, 126	119,126	75.8	"	·			·				·	·	

See footnotes on p. 793.

# TABLE 11.-COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929-Continued

							<u> </u>							
CLASSIFICATION OF ESTABLISH- MENTS	Total cost of all materials <sup>1</sup>	COST OF MATERI DISTRIBU BY KIN Amount	ALS JTED	Sand, gravel, crushed stone, slag, cinders, etc.	Brick (face, common, fire, paving, etc.)	Tile (fire- proof- ing)	Tile, facing, terra cotta, floor, and wall	Con- crete and cinder block	Cut stone, granite, and marble	Riprap, rubble, etc.	Cement	Lime	Plaster, etc,	Structural steel
ELIZABETH—Continued Subcontractors—Continued. Masonry.— Painting and decorating Glass and glazing Roofing and sheet-metal work	24, 501 63, 500 59, 206	\$9,700 19,701 63,500 59,206	100. 0 80. 4 100. 0 100. 0	\$3,000	\$3,000	\$1,500			\$1, 200		\$800	\$200		\$169, 899
Roofing Sheet-metal work Steel erection Excavating Ornamental iron Metal work, n. e. s	191, 599 9, 466 90, 000 95, 920	95, 920	100. 0	7, 546 5, 900 313, 389	350	17, 576				822, 916	1, 800 4, 507 195, 417	66		12, 371
General contractors. Building not specialized Manufacturing building only. Bridge and culvert. Street paving Railroad. Central station, light and power plant.	16, 938, 876 9 16, 208, 322 1, 631, 115 14, 575, 013 11, 900 266, 738 273, 776 118, 140	15, 823, 461 15, 176, 907 601, 894 14, 575, 013 11, 900 242, 738 273, 776	93. 4 93. 3 36. 9 100. 0 100. 0 91. 0 100. 0	303, 039 203, 745 52, 823 150, 922 3, 517 89, 887 5, 890	688, 460 657, 092 145, 311 511, 781 4, 667 25, 421 1, 280	17, 576 17, 576 11, 792 5, 784	34, 511 34, 511 34, 511 	1, 674 1, 578 1, 578 1, 578	16, 672 11, 002 11, 002 11, 002 5, 670	22, 916	$186, 761 \\ 159, 867 \\ 37, 129 \\ 122, 738 \\ 1, 984 \\ 22, 270 \\ 2, 640 \\ 1 \\ 22, 640 \\ 1 \\ 22, 270 \\ 2, 640 \\ 1 \\ 37, 129 \\ 1 \\ $	11, 853 11, 853 4, 544 7, 309	36, 973 36, 973 36, 973	976, 476 976, 476 12, 806 963, 670
Subcontractors Carpentering and wood flooring. Concreting Electrical Heating and plumbing Heating and plumbing Plumbing Plumbing Plumbing Plastering. Roofing and sheet-metal work Roofing and sheet metal com-	127, 891 10 805, 229 361, 720 399, 051 292, 419	$\begin{array}{c} 2, 136, 694\\ 40, 945\\ 1.5, 147\\ 127, 891\\ 760, 771\\ 301, 720\\ 899, 051\\ 202, 419\\ 129, 624\\ 60, 850\\ 196, 551\\ 14, 635\\ 153, 589\end{array}$	$\begin{array}{c} 89. \ 6\\ 100. \ 0\\ 12. \ 9\\ 100. \ 0\\ 94. \ 5\\ 100. \ 0\\ 100. \ 0\\ 100. \ 0\\ 56. \ 1\\ 100. \ 0\\ 0\\ 100. \ 0\ 0\\ 0\ 0\\ 100. \ 0\ 0\ 0\\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ 0\ $	10, 350 4, 324 40 40 			20, 037		119, 249		8, 656 5, 550 68 08	32, 207	26, 069 15 26, 000 26, 000	228, 021 850 850
Roofine and Sheet metal com- bined Steel creation Stonework Marble and tiling Excavating Ornamental iron	28, 327 212, 027 7, 483 133, 328	28, 327 212, 027 7, 483 133, 328 36, 500 114, 558	100 01	386 3, 500			20, 037		7, 483 111, 766		1, 038 2, 000		54	
NEWARK	25, 820, 426	22, 969, 804	90.7	965, 444	557, 422	97, 248	258, 048	114, 666	540, 197	100	760, 015	62, 907	81, 989	21 3,042, 188
General contractors Building Commercial building only Residential building only Highway Street paving Sewer, gas, water, conduit Railroad.	34, 161 638, 875	$11, 198, 869 \\ 2, 747, 358 \\ 2, 478, 071 \\ 29, 053 \\ 240, 234 \\ 34, 161 \\ 638, 876 \\ 530, 798 \\ 39, 575 \\ \end{array}$	100.0	$\begin{array}{c} 805,901\\ 286,938\\ 267,531\\ 7,535\\ 11,872\\ 15,064\\ 220,918\\ 85,445\\ 950\end{array}$		81, 199 78, 588 78, 138 450	300	77, 148 70, 568 	110, 844		634, 614 313, 564 260, 692 5, 179 38, 393 7, 515 101, 628 31, 904 820		74, 980 74, 980 58, 438 16, 542	190, 995 7, 061 6, 459 1, 202 3, 174 21, 956 14, 100
Roundation Contral station, light and power plant Refuse disposal plant Miscellaneous, n. e. s	15, 240 7, 026, 797 18, 352 147, 713	15, 240 7, 026, 797	100, 0 100, 0	7, 500 185, 759 3, 327	75, 892	2, 611	16, 273	 6 <sup>5</sup> 57			5, 350 169, 997 3, 836	4, 870		142, 809 1, 205
Subcontractors Carpentering and wood flooring_ Concreting Electrical Elevator construction Heating and piumbing Heating and piping	2, 942, 529	$11,770,935\\80,467\\249,966\\1,037,313\\2,119,675\\4,421,350\\2,892,529\\$	90. 1 45. 3 100. 0 94. 1 100. 0 84. 4 98. 3	500				3, 139	400					54
Plumbing Masonry Painting and decorating Plastering Roofing and sheet-metal work Roofing and sheet metal com-	1, 618, 821 106, 727 37, 056 45, 300 14 220, 189 177, 070	2, 892, 526 1, 528, 821 106, 727 37, 056 45, 300 190, 180 177, 070	94. 4 100. 0 100. 0 100. 0 89. 1 100. 0	30, 300 400	1, 500	1,099					88, 107 700	7, 404 50	1, 714 2, 500	
bined Steel erection Marble and tiling Excavating Grading Dredging, river, harbor, etc	$\begin{array}{c} 19, 119\\ 3, 206, 134\\ 241, 048\\ 115, 134\\ 10, 885\\ 12, 000\\ 132, 269\end{array}$	12,000	100. 0 93. 8 85. 9 94. 3 100. 0 100. 0 100. 0	837 9, 885 12, 000 3, 476			99, 253		199, 030 1, 891		2, 226 1, 740	1, 298	2, 745	2, 851, 139

See footnotes on p. 793.

# TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

CLASSIFICATION OF ESTABLISH- MENTS	Total cost of all materials <sup>1</sup>	COST OF MATERI DISTRIBU BY KIN	ALS TION ID	Sand, gravel, crushed stone, slag, cinders.	Brick (face, common, fire, paving,	Tile (fire- proof- ing)	Tile, facing, terra cotta, floor, and	Con- crete and cinder block	Cut stone, granite, and marble	Riprap, rubble, etc.	Cement	Lime	Plaster, etc.	Structural steel
		Amount	cent of total	etc.	etc.)		wall	DIOCK	maroio					
PATERSON	\$4, 566, 608	\$4, 276, 537	93, 6	\$471, 180	\$280, 230	\$23, 844	845, 112	\$19, 158	\$29, 488	\$4, 969	\$643, 511	\$20, 021	\$5, 465	²\$1, 242,901
General contractors Building Build ng not specialized Manufacturing building only Residential building only	1, 788, 902 1, 721, 606 25, 235 42, 061	1, 758, 441 1, 721, 606 25, 235 11, 600	100.0 100.0 27.6	244, 469 5, 492	4, 012	158	44, 842 270	19, 158 19, 158	28, 048 535		643, 511 264, 199 257, 908 6, 231	16, 021 15, 603 418	5, 405 5, 405	186,550 184,204
Highway Bridge and culvert Street paving Sewer, gas, water, conduit	511, 000 24, 292 42, 567	511, 000 24, 292 42, 567	100. 0 100. 0 100. 0	74,000 9,034 8,055	1. 958					4, 020	230	4,000		
Subcontractors Carpentering and wood flooring Electrical Heating and plumbing	2, 056, 075 146, 644 232, 885 18 525, 605	1, 796, 465 124, 300 232, 885 288, 339												1, 056, 351
Plumbing Plumbing and heating com- bined Roofing and sheet-metal work	255, 517 177, 434 94, 590	255, 517 82, 822 94, 590	18.5											
RoofingSheet-metal workSteel erection	59, 753 34, 837 1, 056, 351	59, 753 34, 837 1, 050, 351	100. 0 100. 0	14, 038										1, 056, 351
TRENTON	<sup>16</sup> 7, 500, 558	5, 285, 800	70. 5	<b>\$88, 887</b>	83, 882	7,025	29, 472	166, 403	97, 045		356, 901	18, 955	36, 540	2 1, 616, 447
General contractors Duilding Building not specialized Highway	1,396,194 556,866	3, 673, 898 397, 631 397, 631 556, 866	27.6 28.5 100.0	357, 350 34, 557 34, 557 213, 789	81, 905 81, 905	7, 025 7, 025 7, 025	613 613 613	14,928 14,928	1, 500 1, 500		339, 010 33, 800 33, 809 210, 512	4, 853 4, 853	24, 492 24, 492	14, 064 14, 064
Bridge and culvert Street paving Railroad	2, 557, 131 409, 184 50, 086	2, 557, 131 112, 184 50, 080	100.0 27.4 100.0	105,469				101, 470			93, 895			898, 664
Subcontractors Carpentering and wood flooring.	<sup>10</sup> 2, 001, 007 19, 774	1, 611, 902 19, 774	80. 6 100. 0	31, 537	1, 927		28, 859		95, 545		17, 891	9, 102	12, 048	684, 010
Concreting Electrical	69,767 63,374	69, 767 63, 374	100, 0 100, 0	7,036	1, 417				24, 054		7,700			
Heating and plumbing Heating and piping Plumbing	20 564, 184 504, 562 34, 622	362, 797 345, 497 17, 300	68.5 50.0				••			-				
Painting and decorating Roofing and sheet-metal work Sheet-metal work Roofing and sheet-metal com-	25, 500 21 219, 675 64, 557	25, 500 140, 675 04, 557	100, 0 68, 1 100, 0	350							270			14, 807 14, 807
bination Steel erection Stonework	105, 118 734, 203 60, 009	85, 118 734, 203 60, 009	81.0 100.0 100.0						1					669, 203
Marble and tiling Excavating	102, 625 162	34, 878 162	34.0 100,0	267 162			28, 859		4, 945		411	102		
Sewer, gas, water, conduit Flooring, n. e. s	24, 692 67, 071	24, 692 67, 071	100, 0 100, 0	1, 510 22, 212	510				6, 537		6, 510 3, 000			

<sup>1</sup> Certain establishments did not give a distribution of the cost of their materials by separate items. The total cost of materials reported by such establishments, how-ever, included in totals in this column which carry a footnote to that effect.

er, included in totals in this column which c
\$ 2see footnote 3, Table 9, page 779.
\$ Highway work, \$14,444.
\$ Operative builders, \$31,706.
\$ Residential building only, \$42,750.
\$ Plumbing and heating combined, \$28,592.
\$ Highway, \$494,755.
\$ Plumbing and heating combined, \$56,842.
\$ Commercial building only, \$62,194.

127100-33-51

note to that effect.
Plumbing and heating combined, \$44,458.
Manufacturing building only, \$130,000.
Metal work, n. e. s., \$42,000.
Pipe covering, \$509,614.
Sheet-metal work, \$24,000.
Heating and piping, \$02,654.
Operative builders, \$15,000.

Sewer, gas, water, and conduit, \$400,000; and water-works, \$70,000.
 Commercial building only, \$15,000; and residential building only, \$30,000.
 Masonry, \$50,001.
 Plumbing and heating combined, \$25,000.
 Roofing, \$50,000.

# 

CLASSIFICATION OF ESTABLISH- CLASSIFICATION OF ESTABLISH- Reinford- miscel- wire			1		1.1					J	
MENTS AND OF ESTABLISH Reinford laneous, dows, lath and fur- ing steel ing steel ing trim ring	Orna- mental metal work	Lumber, rough and finished	Laths, shin- gles,and shakes	Millwork	Compo- sition board	Water- proof- ing ma- terials	Hard- ware, rough and fin- ished	Paints, var- nishes, and glass	Roofing and sheet metal	Fin- ished floor- ing, n. e. s.	Screens, shades awn- ings, etc.
NEW JERSEY53, 056, 865 8633, 479 \$314, 643 \$188, 179	\$450, 262	\$5, 888, 777	\$223, 442	\$2, 210, 930	\$596, 901	\$1\$3, 819	\$767, 564	\$1,222,845	\$2, 162, 627	\$172, 122	\$63, 169
Operative builders	100	211, 948		106, 682	3,945		20,940	24,778	8,917		3, 328
		-					694, 913	·			•
Building not specialized 390, 869 557, 253 194, 288 97, 330	75, 296 61, 715	4, 195, 822	172, 385 164, 766	1, 973, 156 1, 953, 773 1, 447, 069 17, 673	556, 217 94, 921	70,769	579, 395 426, 178	344, 485	298, 359 286, 034 123, 672	129, 352 66, 729	58, 109 57, 082 24, 284
Commercial building only	1, 400	58,749	650	17,673	1, 138 414, 213	1,640	8, 694 2, 390	4,464	5, 325 102, 545	3,054	3, 165
Residential building only	12, 181		75, 145	482, 855	45, 945	9, 286	142, 133 11, 045	84, 507	54, 492	59, 569	29, 683
Bridge and culvert 1, 218, 240 3, 080	690	49,799		200	116 35		12,509	834 804		22	
Street paving 75, 946 13, 285 867 120		35, 584	·	8, 398 200	117	111	5, 625	309			
Sewer, gas, water, conduit 546, 556 13, 321 1, 631 Waterworks 19, 555 700		175, 300 50, 693	100	200		9, 017 377	10, 814 7, 739	100			
Dredging, river, harbor, etc		120, 972 179, 124	·····	1, 340		28 4, 923	17, 207 18, 988				
Central station, light and			1,000			940					
power plant         49,281         634         12,337           Refuse disposal plant         471          12,337		106, 688 7, 513	6, 519	10, 210	11, 982	1,078	31, 591	31, 660	7,906		1, 027
Subcontractors 47, 916 11, 880 113, 704 75, 120	374, 176	674, 211	36, 819	131, 092		38, 453	51, 711	813, 274	1, 855, 351	14, 648	
Carpenteringand wood flooring 14, 600 600 Concreting 25, 258 848 118	525	520, 384 99, 586	6, 508	129, 709 523	5, 220 32	1,000	20, 343 9, 393	10, 392 348	4, 401 185	18,612	1, 732
Electrical	250			360			2,611	20 1, 025	133, 341		
Heating and plumbing 4,080 Heating and piping Plumbing 2,080	250			300			50 2, 361	525	21, 195		
Plumbing and heating com-		300					200	500	,		
Masonry7,332 3,017 311 21,825 Painting and decorating	238	6, 210	12, 185	500	10,066 100		289	540, 805			
Glass and glazing         908         395         150         39, 526		48			3, 096	935	112	202, 940	******		
Roofing and sheet-metal work 560 400 Roofing 550 400		50	11. 274		4,100	3, 251	1, 143 610	7,965	1.713.793		
Sheet-metal work			11, 214				533	2, 280 5, 685	765, 104		
Roofing and sheet metal combined 100 400	50	50					14 505	40.057	358, 258		
Steel erection	220, 258 97	502				15	14, 505 170				
Ornamental iron 30,000	152, 558						120				
Sewer, gas, water, conduit 284 2,631		1, 250 2, 268						250			
Dam and reservoir 2, 300 220		33, 634					1, 345				
		5, 948			187 1, 688	500	1, 730 	521 1, 881	667	1, 000	
CAMDEN 79,960 5,643 2,603 3,980			550	18,960	2, 344	7,671	13, 109	7,862	65,826	2, 579	500
General contractors         77, 803         5, 643         2, 603         3, 980           Building         118         3, 680         1, 103         3, 980	400 400	83, 933 26, 031	550 550	18,560 16,060	2, 344 2, 228	7, 522 145	12, 251 4, 612 3, 353	7,681 2,681	6,050 1,800	2,579 2,579	500 500
Building not specialized 3, 680 550 3, 745 Commercial building only 118 553 235	400	19, 123 6, 908	550	11, 390 4, 670	2, 140 88	145	3,353 1,259	1,500 1,181	1,800	2, 500 79	500
Highway         51, 230         1, 903           Sewer, gas, water, conduit         22, 700         1, 500		2, 709 30, 000		2, 500	116	7,000		5,000	4, 250		
Waterworks 3,755		· · · · · ·				877	7, 639			·	
Subcontractors		2, 768 2, 768		400		149 149	858 325	181 76	59,776		
ElectricalSheet-metal work							533	20 85	59,776		
								net i f			
ELIZABETH 15,645 614 42,057 2,916	88, 000	601, 245	2, 216	25, 285	1, 087	1, 787	17, 217	242, 735	75, 198	9, 310	3, 515
Operative builders		4, 625					310				150
General contractors         4, 391         205         10, 739         2, 916           Building         4, 391         205         8, 159         2, 916	1,000 1,000	447,135 436,046	2,216 2,216	25, 235 25, 100	850 850	1, 737 1, 709 989	14, 657 12, 450	174, 013 174, 013	$17,601 \\ 17,507$	9, 310 9, 310	3,365 3,365
Building not specialized 4, 301 205 2, 384 1, 566 Commercial building only		353,966 10,100	$1,616 \\ 600$	16, 852	250 600	989 720	4,631 1,800	167, 613 800	15,035 1,250	9, 310 960 350	365 2,100
Residential building only		71,980		5, 248 135		28	6, 019 2, 207	5, 600	1, 282 34	8,000	900
	82,000						2, 250	68, 722			
									01,001		
Heating and plumbing									221		
Painting and decorating								19,701			
Carpentering and wood floor- ing Heating and plumbing Plumbing Painting and decorating Class and glazing Roofing Sheet-metal work Steet erection Everyating				·					56, 709		
Sheet-metal work									33, 413		
							120				
Ornamental iron         30,000           Mctal work, n. e. s         11,254         409         1,318	60, 000				187		1, 730	521	667		
JERSEY CITY 103, 267 534, 678 70, 144 1, 391	84 1740	347, 829	11, 416	70 444	421, 698	2, 298	84, 049	435, 882	307, 633	14, 140	1, 610
[]	84, 748 190	317, 625	11, 416	53, 735	421, 666	2, 298	28, 873	l	111, 128	14, 140	1,610
Building 99, 290 534, 598 70, 144 1, 391	190	205, 716	11,416	52, 395	421,666	2,298	19, 729	13, 826 13, 722 4, 635	111, 128	14, 140 14, 140 14, 140	1,610
Building not specialized 3, 845 9, 985 1, 391	190	112, 991	11, 416	52, 395	7,784	2, 298	19,729	4. 635	8,653	14. 140	

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929— Continued

CLASSIFICATION OF ESTABLISH- MENTS	Reinfore- ing steel	Cast iron, miscel- laneous, exclud- ing pipe	Metal doors, win- dows, and trim	Metal and wire lath and fur- ring	Orna- mental metal work	Lumber, rough and finished	Laths, shin- gles,and shakes	Millwork	Compo sition board	Water- proof- ing ma- terials	Hard- ware, rough and fin- ished	Paints, var- nishes, and glass	Roofing and sheet metal	Fin- ished floor- ing, n. e. s.	Screens, shades, awn- ings, etc.
JERSEY CITY-Continued															·
General contractors-Contd. Bridge and culvert Street paving	\$275 344	i 				\$502 3, 468	3				\$399 425				
Railroad											8, 320				
Subcontractors Carpentering and wood floor- ing	1, 468	1	1	1 .	\$84, 558		 				5, 176 3, 000		\$196, 505		
ing Concreting Heating and plumbing Heating and plumbing Plumbing Plumbing Class and glazing Roofing and sheet-metal work Roofing Sheet-metal work Roofing and sheet metal combined Ornamental iron	1,468	80				1,846		123	32		596 1,580	35	1,632 1,617 15		
Painting and decorating											1, 080	35 292, 397			
Roofing and sheet-metal work.												129, 024	194, 873 14, 635 153, 589		
Sheet-metal work													153, 589		
combined Ornamental iron					84, 558								26, 649		
NEWARK	140, 254	15, 129	\$82, 868	\$55, 711	39, 983	742, 664	\$44, 768	399, 680	41, 714	\$28, 057	128, 827	111, 969		\$16, 162	
General contractors	122, 488 58, 437	14,332 990	17,808 17,737	20, 987 8, 650 6, 189	3, 975 3, 975	626, 427 425, 611	25, 443 18, 924	371.780	28,037	25, 508 22, 581	72,678	51, 284 19, 024	42, 153 34, 157	14,818	5, 333 4, 306
Building not specialized	58, 437 52, 748 3, 089	996	15,017			388,818	6,000	321, 132		21, 194	65, 569 1, 159	15,262	27, 357	8,718	1,000
Residential building only Street paving	3, 089 2, 600 3, 429	500	2,720								5, 950				
Sewer, gas, water, conduit Railroad	8,870 800	7,242				1,750				559 500	6, 321 1, 215				
Foundation Central station, light and and power plant	1, 200									790					
and power plant Refuse disposal plant	49, 281 471	634		12, 337		106, 688 7, 513	6, 519	10, 210	11, 982	1, 078	31, 591	31, 660			10 C C C C C C C C C C C C C C C C C C C
Subcontractors . Carpenteringand wood flooring Concreting . Heating and plumbing Heating and plumbing Plumbing Masonry . Painting and decorating Plastering . Roofing and sheet metal work . Roofing and sheet metal combined. Steel erection Marble and tiling Excavating	17,766	797	65,000	34, 724	36, 008	116,237 54,098 27,505	19, 325 5, 551	17, 690 17, 690	1, 695 720	2, 549	$17,022 \\ 1,100 \\ 72$	60, 685	166, 552	1, 344 1, 308 36	
Heating and plumbing										-10			18,859	**	
Plumbing Masonry				4,000					475				18, 362		
Painting and decorating				28,800			2, 500		500	500		37, 056			
Roofing and sheet-metal work Roofing							$11,274 \\ 11,274$			1, 986 1, 986			145, 029 125, 910		
Roofing and sheet metal combined													19, 119		
Steel erection Marble and tiling			64, 882	1, 614 310	36, 008					14	14, 505	23, 500	2, 064		
Marble and tiling Excavating Dredging, river, harbor, etc	220					1,000 33,634		*********			1, 345				
PATERSON		14, 172				382, 362	2, 060			<u> </u>	65, 858	6, 347	82, 557	4, 455	521
General contractors	158, 985 130, 085	14, 172 13, 122	564		38, 748 38, 748	292, 562 257, 769	2, 060 2, 060	110, 849 110, 849	6, 303 6, 303	1, 860 .1, 860	61,858 51,858	3, 347 3, 282	1,200 1,200	455 455	521 521
Building Building not specialized Manufacturing building only Residential building only	129, 287 798				38, 748	246, 536 2, 148 9, 085	1, 500 560	108, 631 1, 319 899	6, 044 15 244	1, 860	50, 480 500 812		1, 200		521
Bridge and culvert	24, 000					25, 000					10,000	65 -			
Street paving Sewer, gas, water, conduit	4, 900	1,050				428 9, 365									
Subcontractors Carpenteringand woodflooring			8,400			89, 800 89, 800		10, 600 10, 600	4,500		4,000 4,000	3,000 3,000	81, 357	4,000	
Heating and plumbing Plumbing													1,705 1,000		
Plumbing and heating com-						 		ا  ا		   -			705		
bined Roofing and sheet-metal work Roofing													79,652 44,815		
Sheet-metal work													34, 837		
TRENTON	11, 244, 151	3, 481		9, 350	85, 050	103, 531	9, 611	87, 781	6, 024	27, 950	13, 621	86, 219	134, 823	9, 154	
General contractors	1, 243, 521 1, 641	2, 300		2, 891 2, 891		93, 363 81, 969	9, 611 9, 611	37, 781 37, 781	1, 336 1, 336	450 450	13, 441 13, 441	5, 448 3, 897	4,875 4,875	600 600	
Building not specialized	1,641 75,022			2, 891		81, 969 81, 969	9, 611	37, 781	1, 336	450	13, 441	3, 897	4, 875	600	
Bridge and culvert Railroad	1, 166, 673 185	2, 300				2, 500 8, 894						200 - 1, 351 -			
Subcontractors Carpentering and wood flooring	630 346	1, 131		6, 459	65, 050	10, 168 8, 000			4, 688	27, 500 1, 000 26, 000	180 180	30, 771 3, 040 _	129, 948	8, 554 7, 554	
Concreting Painting and decorating Roofing and sheet-metal work.				400	50	50			3,000			25, 500 _ 100	129, 648		
Sheet-metal work									9 000			100	49,650 79,998		
combined				400	65, 000				a, 000 .				(9,998		
Marble and tiling Sewer, gas, water, conduit	284	1, 131		294 5, 765		2, 118			1, 688	500		250 1.881	300	1,000	
Flooring, n. e. s				J, 700	·····	-			<b>1,</b> 000			1, 001-		.,	

<sup>1</sup>See footnote 3, Table 9, p. 779.

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929-Continued

Pipe: Drain Wire cable, Heating Plumbing Eleva Bitu Freight Electrical Pipe: Cast Wood Ready-Metal minous hauling or truckand ven-tilating and gas-fitting tors, dumbiron, sheet and tube steel, etc. piling and timber Machin CLASSIFICATION OF Miscelapplitile, vitrified. paving material guards products ances and ESTABLISHMENTS laneous ery equip-ment and fencing ing to job equip ment waiters, concrete n. e. s., etc supplies ncrete etc. etc. etc. NEW JERSEY \$9,618,500 \$7,323,408 \$4,151,560 \$2,195,282 \$929, 062 \$4,876,026 \$264, 746 \$1,213,724 \$236, 632 \$224, 508 \$3, 579, 309 \$362, 250 \$3, 879, 843 \$2, 493, 508 Operative builders\_\_\_\_\_ 26.000 26, 934 5,100 689 381, 647 604, 491 37, 712 558 533, 470 260, 768 12, 092 9, 089 137 357,603 1,500 1,500 2, 818, 834 2, 746, 771 4,732 4,732 1,757 4, 429, 773 3, 746, 827 118, 535 224, 508 3, 720 3, 720 2, 094, 800 2, 081, 675 ,156,06220.357 171, 237 3, 567, 487 330, 210 2, 371, 607 General contractors 851.457 71, 166 27, 139 500 16, 543 68, 216 1, 448 2, 566, 004 20, 307 19, 394 500 221 16, 543 6, 945 96, 330 2, 704 17, 145 -----500 37, 301 6, 226 334, 206 3, 500 3, 021 ..... . . . . . . \_\_\_\_ 3, 626, 280 2, 073, 525 313,005 \*\*\*\*\* ----29 ----2,975 14, 540 77, 359 54, 401 32,751 2,866 111, 103 7, 564 1,205 2,887 242 Residential building only... Highway... Bridge and culvort... Grading... Street paving... Sewer, gas, water, conduit... Waterworks... Dredging, river, harbor, etc... Bailroad 46, 654 192, 463 713, 640 6, 340 17, 100 36, 352 97,741 ..... ----...... 10,725 ----. . . . . . . ...... --------------. . . . . . . . . .... -------------..... 3, 858 5, 537 20, 215 73, 599 353, 184 1, 500 6, 362 367, 872 . . . . . . . -----17,000 7,000 97 344 26, 780 944 403 ..... --------8, 529 26, 900 20, 585 5,000 197 -----..... -----9, 580 145, 114 --------84 80 --------..... \_\_\_\_ 426 11, 281 2,900 1, 209 Railroad ------5,212 Foundation. 1,005 Central station, light and power . . . . . . ----..... 250, 995 96.538 10, 255 727, 292 56, 977 2, 000 1, 073 184, 436 3, 216, 692 1, 723, 339 plant. Refuse disposal plant\_\_\_\_\_ \_\_\_\_ ----14, 718 133, 000 Miscellaneous, n. e. s..... ..... ---------. . . . . . . ----246, 253 249 734 Subcontractors. 6, 680, 448 477,640 , 764, 813 363 2,190,500 121, 901 76, 916 3, 978 57,662 65, 395 11.822 4,647 1.785.543 ubcontractors... Carpentering and wood fiooring. Electrical. Elevator construction... Heating and plumbing... Pipe covering. Plumbing. Plumbing and heating com-bined 47,447 325 1,894 1,878 4. 589 218 690.800 10.000 ----..... 2,189,675 ----,417,367 628,364 33, 799 15, 539 6, 657, 180 21, 863 173, 784 113, 926 900 900 1,000 1,037 2,150 500 ..... ..... 5, 120, 629 17, 697 7, 685 ..... 350 500 40, 464 300 1, 215, 803 3, 408, 683 18, 260 13, 338 1,000 ---------...... 1, öve 40, 968 22 Masonry Painting and decorating Glass and glazing 380. 320 19,394 303.051 840 4.561 107 82 ---------------------------..... -----..... 20 .... ----...... --------645 20, 623 1, 642 17, 981 15,000 . . . . . . . . ..... -------------...... 292 -----------Plastering Roofing and sheet-motal work. Roofing and sheet metal work. Sheet-metal work Roofing and sheet metal com-blued 4, 154 37, 000 7, 900 30, 000 ...... ------...... -------------2, 497 2, 497 1, 200 46, 460 44, 782 ..... ..... 100 100 -----. . . . . . . ---------------1,200 -------------------------------------..... 1.000 bined Steel erection 1.678 . . . . . 11.822 14.856 ---------•~ • • . . . . . 8,000 13,999 31,000 Stonework Marble and tiling ...... 25 . . . . . . . ----------------------------------40, 332 1,850 ...... ..... ------------------9,892 Marbie and tining Street paving Sewer, gas, water, conduit... Dam and reservoir Dredging, river, harbor, etc... Metal work, n. e. S.... Flooring, n. e. S.... 1, 340 5, 166 320 ---------. . . . . \_\_\_\_ 220 9,000 3,200 2,295 45,651 6, 681 12, 100 5,649 ----------. . . . . . . . . . 3, 037 1, 711, 281 -----------...... -------------------.... ------85, 895 21, 127 180 ....... -----..... -----\_ \_ \_ \_ . 7, 317 1, 440 1,920 12.826 ----2,000 ----..... ---------2, 474 45.711 57,885 10.979 20 933 36, 441 CAMDEN 84.722 20. 509 154, 935 20, 585 9.566 2, 648 2, 648 2, 500 9, 779 137 2, 474 2, 474 General contractors\_\_\_\_\_ 1, 500 608 45, 711 36, 181 20, 933 36, 441 20.585 8.529 ----------Building not specialized..... Building not specialized..... Commercial building only.... Highway.... Sewer, gas, water, conduit..... Waterworks... 1,500 608 600 ---------137 2.474 148 Ř 25, 711 20, 000 ----12, 933 8, 000 4,642 36, 441 -----..... -------------..... ----12, 000 24, 181 . . . . . -----...... -----20, 585 8, 529 -----. . . . . . . 154, 327 153, 388 939 Subcontractors..... 83, 222 17,861 21, 704 1,200 1, 037 -----Electrical. Heating and plumbing..... Heating and plping Plumbing. Sheet-metal work. -----\_\_\_\_\_ ..... ...... . . . . . . 75, 722 67, 722 8, 000 7, 500 17, 861 21, 704 21, 704 1, 037 1, 037 -----.... ..... ------939 .... 17,861 -----..... ..... --------........ 1,200 ...... \_\_\_\_ . . . . . . . . ---------.......... ELIZABETH 301, 798 169, 983 80.857 10, 617 77, 861 84 17.023 2, 497 16, 822 12,988 285, 915265, 915248, 3151, 40016, 200General contractors 9, 111 9, 111 5, 611 550 48,084 17,023 1, 822 1, 822 1, 822 5, 671 5, 474 11, 541 10, 216 84 \_\_\_\_\_ ...... ....... 11, 541 4, 841 1, 300 5, 400 Building Building not specialized\_\_\_\_\_ 48,064 7,443 7,443 ..... 48,064 - - - - -Commercial building only.... Residential building only.... 230 . . . . . . ---------..... ----2, 950 5, 244 -------. . . . . -----..... ----...... 10, 216 Sewer, gas, water, conduit..... Dredging, river, harbor, etc... 197 84 9, 580 --------------...... 29, 797 Subcontractors\_ 35, 883 158, 442 45, 086 71, 746 401 2, 497 15,000 7.317 -----71,050 35, 883 17, 729 18, 154 221 100, 530 -----------------------......... 221 100, 530 ----15,000 2, 497 2, 497 ....... ------------------------\_\_\_\_\_ 180 7, 317 12,826 696 29, 797 -------------------

1 Includes the reported cost of chemicals and chemical products; mineral products, n. e. s.; sealing materials; textiles and caulking materials. For total cost of these items see Table 9.

.

### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929— Continued

					Cont	inuea								
CLASSIFICATION OF ESTABLISEMENTS	Heating and ven- tilating equip- ment	Plumbing and gas- fitting equip- ment	Electrical appli- ances and supplies	Eleva- tors, dumb- waiters, etc.	Pipe: Drain tile, vitrified, concrete, etc.	Pipe: Cast iron, sheet and tube steel, etc.	Wire cable, guards, and fencing	Bitu- minous paving material, etc.	Wood piling and timber	Ready- mixed  concrete	Machina.	Freight hauling or truck- ing to job	Metal products, n.e.s., etc.	Miscel- laneous <sup>1</sup>
JERSEY CITY	82,754,626	\$2,925,452	\$779, 501		\$37, 881	2 \$3,644,530		\$63, 798	\$121,500		\$313, 065		\$2,088,413	\$46, 280
General contractors	2, 357, 648	2, 566, 089	651, 610		37, 881 36, 644	3, 044, 530 3, 626, 280			121, 500		313, 065 313, 065		2, 073, 557 2, 073, 557	14, 050 48
Building not specialized	2, 357, 648	2, 000, 089	533, 470 533, 470		98 36, 546	3, 626, 280							32 2, 073, 525	48
General contractors Building Building not specialized Manufacturing building only Bridge and culvert Street paving Builged	2, 355, 548					18, 250		356						14,002
Railroad. Central station, light and power plant														
			118, 140										14 050	20.020
Subcontractors		359, 363	127,891					1,678					14,800	1,208
Electrical Heating and plumbing	396, 978	359, 363	127,891											
Heating and piping Plumbing	336, 449 60, 529	23, 664 335, 709												22
Electrical. Heating and plumbing Heating and piping Plumbing Painting and decorating Roofing and sheet-metal work Roofing and sheet-metal com- bined.								1, 678						
			•		1		1	1,678				·	14, 856	
Steel erection												-		31,000
NEWARK	3,290,829	1,183,545	1,690,587	\$2,122,475	160, 138	167, 808	84, 764	187, 243	70, 895	\$184,436	3,228,514	\$251,768	8, 053	1, 932, 256
General contractors	100, 956	18, 529 8, 274	627, 108	2,800 2,800	139,011 7,944	136, 612 1, 212	4, 764	107, 243 12, 500	5,000	184, 436	3, 216, 692	251, 550 555	5,016 5,016	1, 924, 256 5, 214 5, 214
Building Building not specialized Residential building only Highway	4,418	8, 274 1, 724 6, 550	3, 243 193 3, 050	2,800	7,944	1, 212	4, 684 2, 484 2, 200	12, 500				555	5, 016	
Highway	4,000				1,537	325		11,582 79,188						6, 213
Street paving Sewer, gas, water, conduit Railroad					123, 230	76, 098	80	2, 900	5, 000					56, 490
Central station, light and nower		1	609, 152			56, 977				184, 436	3, 216, 695	250, 995		1, 728, 339
Refuse disposal plant Miscellaneous, n. c. s			14, 718			2,000		.						133, 000
Subcontractors Concreting Electrical	3, 189, 873	1, 165, 016	1, 063, 479 6	2,119,675	21, 127	31, 191 54		80, 000	65, 305		11, 822	218 218	3, 037	8,000
Electrical			1 037 318	2,119,675										
Heating and plumbing	3, 189, 873	1, 165, 016 68, 208	18, 260			28, 842 27, 842				·				
Elevator construction Elevator construction Heating and plumbing Plumbing Roofing and sheet-metal work. Roofing Steel construction	393, 891	1, 096, 808	18, 260 7, 900			1,000		80,000				•		
Roofing Steel crection Dredging, river, harbor, etc			7,000		21, 127	2, 295					11, 822		3,037	
Dredging, river, harbor, etc	· <b> </b>	.			21,12(	2, 200								
PATERSON	102, 610	191, 051	232, 020		10, 663	19, 881	4, 246	16, 875			<u> </u>			4, 300
General contractors	5, 369 5, 369	1,658 1,658	9, 135 135		10, 663 543	9, 881 6, 181	4, 246	16, 875		3, 720 3, 720 3, 720		. 6,656		4,300
Building Building not specialized Manufacturing building only.	. 369	1.608	135		130 413	6, 181	986	10, 029				-		
Highway Bridge and culvert			9,000		1,480	2,000	3,000 260	6, 846						
Street paving Sewer, gas, water, conduit					7, 508	1, 700								
Subcontractors	97, 241	189, 393	222, 885 222, 885			10,000 10,000								
Heating and plumbing	97, 241 84, 158	189, 393 170, 359												
Plumbing and heating com- bined	- 13, 083	19, 034										-		
		100 850	69, 474		44, 034	\$2, 377	197, 542	9, 929	11, 761					73, 448
TRENTON	217, 258	- 132, 779 6, 000	500		30, 168	15, 697	197, 542	6, 715	11, 761			-	-	66, 310 6, 271
Building not specialized	- 8, 000 - 8, 000 - 8, 000		500 500				622							6, 271 5, 638
Highway Bridge and culvert					27,953	15, 495	8, 457 188, 463							54,401
Street paving Railroad					2, 215	202		6, 715	11, 761					
Subcontractors	- 209, 253	126, 779	68, 974		13, 866	16, 680		3, 214 3, 214						- 7,138
Concreting Electrical Heating and plumbing	_	126, 779	63, 374 5, 600		7.185	16, 680 16, 680								300
Electrical Heating and plumbing Heating and piping Plumbing	206, 253 199, 253 7, 000	116,779 10,000	5, 600		7, 185 7, 185	16, 680								300
Plumbing Roofing and sheet-metal work Roofing and sheet-metal com-	- 1,000				.		-	•   • • • • •	-		-			
Sewer, gas, water, conduit	- 1,000				6, 681									5, 398
Flooring, n. e. s	- 2,000			-		-	-	-		1			<u> </u>	<u> </u>

<sup>1</sup> See footnote 1 on p. 796. <sup>2</sup> See footnote 3, Table 9, p. 779.

### TABLE 12 .— NUMBER OF, AND VOLUME OF BUSINESS REPORTED BY, ESTABLISHMENTS DOING A CONSTRUC-TION BUSINESS OF LESS THAN \$25,000 IN 1929, PERCENTAGE OF TOTAL NUMBER OF KNOWN ESTABLISH-MENTS, AND AVERAGE VOLUME PER ESTABLISHMENT

					1930 )	NEW popula	JERSE tion, 4		34			1930	popi	latio	n, 118,70	0 1930 )	ELIZAE populat	ьти ion, 114,589
		Kn e	own c stablis	ontract shment	ing s		Vol	ume (	of bus	iness rep	oorted			Volu bus	ine of iness		Vc b	lume of usiness
TYPES OF WORK	n	otal um- ber	In- active	Activ	e in 1	929   1 r	Num- per of eport- ing estab-	Per cen of	t A	mount	A verage per es- tablish- ment	1001	n- N r b 76 re 29 es	um- er of port- ing stab-	Amoun	Tota num ber activ t in 192	- Num ber o e repor 9 ing estal	f Amount
			1929	Num ber		er	lish- nents	activ	/ 0	<u> </u>	TUBHO			ish- ients			lish ment	
Total contractors canvassed (under \$25,000)		7, 128	156	6, 972			1, 890					-11	09			- 251		
Total contractors, type of work unknown Total general and subcontractors classified		1, 039 3, 089	26 130	1, 013 5, 959	10	5.0	32	8.	2	\$226, 186			79				i	
Total general contractors classified Building Sewer, gas, water, conduit Highway Dam, reservoir, harbor Foundation		1,372 1,321 10 37 3 1	- 48 43 5	1, 324 1, 278 1( 32		2,2 1,4 .2 .5 .1	297 289 4 4	22. 22. 40. 12.	6 3 0	1, 796, 700 1, 682, 190 53, 803 60, 707	12,741 13,451		48 47 1	4	\$30, 774 30, 774	2	5 .	5 \$03, 839 54, 920 8, 913
Total subcontractors classified		4,717	82	4, 630		7.8	1, 061	22.	9 9	, 570, 198	9,020	_	82	8	57, 368	14		
Carpentering Concreting Electrical Blevator		706 51 519 5	$27 \\ 1 \\ 12$	671 50 507		1,4 ,8 3.5 ,1	165 12 105	24. 24. 20.	0 7	, 394, 158 85, 903 966, 334	7, 159 9, 203		26	3	13, 923		5	3 31, 175
Elevator Heating, ventilating, piping Masoury Painting, decorating Glass, glazing Pipe covering Plastering Plumbing, heating Roofing, sheet metal Steel erection		$25 \\ 302 \\ 824 \\ 36 \\ 1$	1 5 8	24 297 816 30		.4 5.0 3.7 .6	5 70 186 7	20. 23. 22. 19.	4	76, 321 636, 371 , 303, 497 60, 639	8,663	 	2 11	1	7, 540	- 2	5	87,771 71,905 5,000
Plastering Plumbing, heating Roofing, sheet metal Steel erection Stone work		37 1, 794 220 5	19 5	37 1, 778 218 19	7 5 21 5 1	.6 9.8 3.6 .1 .2	10 411 48	27. 23. 22. 7.	2 4	99, 095 , 075, 313 404, 501 20, 000	9, 916 8, 427		1 33 	4	35, 900		7	41, 455 29, 803
Marbley tiling Wrecking. Excevating, grading Ornamental iron, metal		13 63 11 61 44	1 8	18 62 11 58 44	3 ]	.1 .2 1.0 .7	20 1 13 7	32. 9. 22. 15.	3 1 4	203, 819 21, 059 144, 636 78, 552	10, 191 21, 059 11, 126		2				5 3 3 	
	1930 p	jerse jopula	y city lion, 3	16,715	930 p	NEW. opulat	ARK ion,44	2,337	1930 p	PATERS opulation	ом п, 138, 513	1930 po	TREN	tion, I	.23,356			)F STATE 1, 2,787,124
			olumo usines				lume ( usiness			Volur bus	ne of iness		v	olumo	ess .	÷.,	Vo bi	ume of siness
TYPES OF WORK	Total num- ber active in 1929	Num	f - Am	c	Potal num- ber active in 1929	Num ber o report ing estab lish- mont	f Amo	1	Total num- ber active in 1929	Num- ber of report- ing estab- lish- ments		Total num- ber active in 1929	Nun ber ( repor ing estal lish men	of t- An		Total num- ber active in 1929	Num- ber of report- ing estab- lish- ments	Amount
Total contractors canvassed (under \$25,000)	614				612				180			336				4, 762		
Total contractors, type of work unknown Total general and subcontractors classified.	17 597				342 270	1	\$20,	000	180	6	\$76, 618	184 152				303 4, 459	22	\$129, 568
Total general contractors classified Building Sewer, gas, water, conduit Highway Dams, reservoirs, harbors	81 80	12 12	132	2, 045 2, 045	34 31	3	44, 44,	096 096 	19 18 1	3 3 	38, 115 38, 115	20 23 2 1			5, 303 5, 303	1,089 1,054 6 28 1	265 258 3 4	3, 422, 528 3, 316, 931 44, 890 60, 707
roundation	1 516		<b>-</b>	4, 696	1 1 230		442,	586	161	42	359,963	126		 	8, 562	3, 370	823	7, 419, 829
Total subcontractors classified Carpentering Concreting Electrical.	81	114	_[	2, 281	43	1		188	101 19 2	4	41, 971	7		4 2	8, 708	458 40	136 12 81	1, 151, 912 85, 903 706, 774
Elevator Heating, ventilating, piping Masonry	43 4 2 3 137	8  3 31	34	4, 512 4, 000 3, 353	$21 \\ 1 \\ 4 \\ 27 \\ 2 \\ 2$	2 1 1		971 500 000	40 	12	128, 166	17 		2	1, 911 7, 605 8, 126	382 16 234 631	81 4 60 147	52, 821 534, 455 997, 113
Pipe covering Plastering Plumbing, heating Plumbing, heating Bacfurg, cheat matel	4 148 65	2 2 41 9	12	2,036 5,136 5,392 7,986	1 126 5	29	318,	927	90	24	185, 049	82 10		  5 1	6, 860 4, 000	27 1 29 1, 289 130	4 8 304 35	43, 603 83, 959 3, 091, 730 312, 622
Rooling, sneet interation         Steel erection         Stone work         Marble, tilling         Wrecking         Excevating, grading         Ornamental iron, metal	8 2	1 1		), 000 2, 000	5	2	26,	000	3	2	4, 777	2			2, 000	5 8 45 11 47	15 1 12	171, 042 21, 050 132, 636
Excavating, grading	17	2	25	6,000	ī			-				3		$\begin{array}{c c c c c c c c c c c c c c c c c c c $	9,352	17	. 4	34, 200

TABLE 13.—ESTABLISHMENTS (WHOSE BUSINESS WAS LESS THAN \$25,000 IN 1929) WHICH REPORTED THEIR VOLUME OF CONSTRUCTION WORK, CLASSIFIED BY RANGE OF VOLUME OF BUSINESS

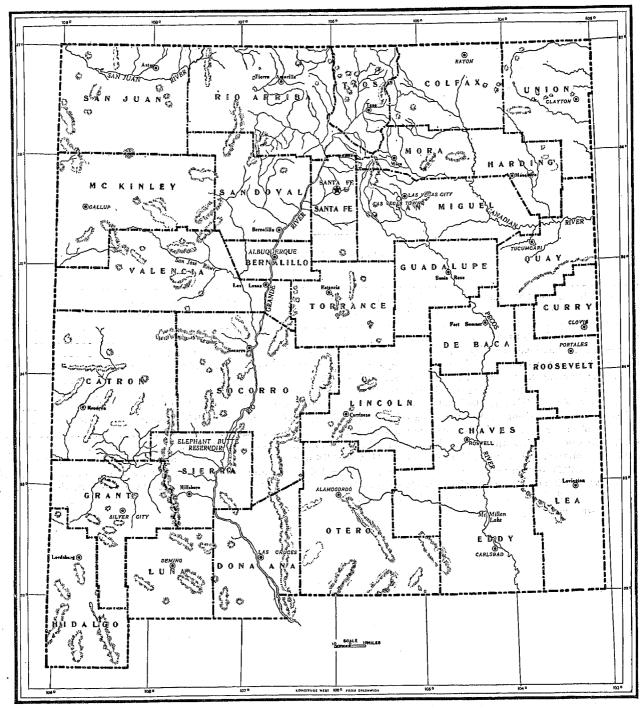
CLASSIFICATION	Total	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,C00 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$17,499	\$17,500 to \$19,999	\$20,000 to \$22,499	\$22,500 to \$24,999
NEW JERSEY											
Total general and subcontractors	1, 390	131	259	212	174	148	107	114	102	80	63
General contractors Subcontractors Type of contracting unknown	297 1, 061 32	1 127 3	31 222 6	34 177 1	34 135 5	42 104 2	36 69 2	38 71 5	38 62 2	25 50 5	18 44 1

## NEW MEXICO

## CONTENTS

		Page
MAP		802
TABLE	1.—Value of construction business during 1929, and principal items of expenditure	803
TABLE	2.—Construction business of reporting establishments during 1929, by class of ownership and by type of work	. 803
TABLE	3.—Construction business during 1929, by location	. 804
TABLE	4.—Construction business outside home State, by location	. 804
TABLE	5.—Number and salaries of proprietors, firm members, and salaried employees: 1929	. 804
TABLE	6.—Value of construction equipment, in comparison with construction business and wages paid during 1929	. 805
TABLE	7.—Wage earners, by months, and wages paid during 1929	805
TABLE		
TABLE	9.—Cost of materials furnished and used by reporting establishments during 1929, by kind	806
TABLE	10.—Comparison of cost of designated materials furnished and used by reporting establishments during 1929, with cost	;
	of materials and value of construction business	
TABLE	11Cost of materials furnished and used by reporting establishments during 1929	808
TABLE	12.—Number of, and volume of business reported by, establishments doing a construction business of less than \$25,000	)
	in 1929, percentage of total number of known establishments, and average volume per establishment	
TABLE	13Establishments (whose business was less than \$25,000 in 1929) which reported their volume of construction work,	<b>,</b> .
	classified by range of volume of business	. 809
	127100-83	

NEW MEXICO



## TABLE 1 .- VALUE OF CONSTRUCTION BUSINESS DURING 1929 AND PRINCIPAL ITEMS OF EXPENDITURE

[Values expressed in thousands]

			OF CONST BUSINE		PRINC	PAL EX TURES	PENDI-				OF CONSI BUSINES		PRINCI	PAL EXI TURES	PENDI-
LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Num- ber of estab- lish- ments	۲. I	Under general con- tract or directly for	Un- der sub- con- tract	Sub- con- tract work let	Wages paid	Cost of mate- rials	AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Num- ber of estab- lish- ments	Total	Under general con- tract or directly for	der sub-	Sub- con- tract work let	Wages paid	Cost of mate- rials
	· · ·		owner	·							owner				
NEW MEXICO	41	\$6, 563	\$6,010	\$552	\$81 <del>9</del>	\$1,412	\$2, 030	Size of business groups							
Counties: Bernalillo Chaves McKinley Sante Fe Other counties 1	19 5 3 4 10	3, 980 736 394 317 1, 135	3, 650 736 333 219 1, 072	330 61 98 63	325 247 70 170	909 99 49 68 287	1, 154 192 133 103 449	General contractors	27 7 8 6 3 2 1	\$5,706 272 634 837 868 1,319 1,777	634 837 868		19	\$1, 218 72 137 164 121 312 411	\$1,606 143 208 196 254 250 496
Classification of establish- ments General contractors Building Building not specialized Residential building only Highway <sup>2</sup>	27 17 14 3 10	5,708 1,305 1,253 112 4,342	5, 706 1, 365 1, 253 112 4, 342		809 162 102 647	1, 218 334 307 27 884	1, 606 564 491 73 1, 043	Building contractors \$25,000 to \$49,999 \$50,000 to \$49,909 \$100,000 to \$109,999 \$200,000 to \$499,999 \$200,000 to \$499,999 \$500,000 to \$999,990 \$1,000,000 and over	7 6 3 1	1,365272439412242	439 412 242			334 72 105 79 78	504 143 202 141 78
Subcontractors Heating and plumbing Plumbing and heating com- bined Other classes *	14	856 622 450 172 234	304 210 210 93	552 412 240 172 140	10 1 1 9	194 143 99 44 52	424 321 241 80 103	Subcontractors	9 3 1 1	850 348 182 125 200	304 104 38 76 85	\$552 244 144 49 115		$     194 \\     75 \\     44 \\     26 \\     50 \\    $	424 174 75 65 110

<sup>1</sup> Includes Curry, Eddy, Grant, Luna, Quay, San Miguel, and Union for which data can not be shown separately without revealing individual operations. From areas other than those listed, no reports were received for establishments which handled as much as \$25,000 business during 1929. <sup>1</sup> Includes grading; and street paving. <sup>3</sup> Includes electrical; masonry; painting and decorating; and plastering and lathing.

# TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNER-SHIP AND BY TYPE OF WORK

	Ċ	ONSTRUCTIO	N BUS	INESS REPO	RTED	ву—		cc	NSTRUCTIO	a BUSI	NESS REPO	RTED	BY
CLASS OF OWNERSHIP AND TYPE	All estal	classes of olishments		leneral tractors 1	Sub	contrac- tors	CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	All estal	classes of blishments	con	Jeneral tractors 1	t	ontrac- ors
OF CONSTRUCTION WORK	Number reporting	Valuo	Number reporting	Value	Number reporting	Value		Number reporting	Value	Number reporting	Value	Number reporting	Value
NEW MEXICO	41 3	\$6, 562, 711 116, 103	27 1	\$5, 706, 465 54, 870	14 2	\$856, 246 61, 233	NEW MEXICO-Continued All business under general contract or directly for owners-Contd. Distributed by class-Contd.	-		1			
Distributed by class of owner- ship Private Quasi public or community Public Distribution not reported	38 28 11 23 1	6, 446, 608 1, 709, 045 180, 073 4, 557, 490 27, 500	26 16 5 17 1	5, 651, 595 1, 056, 587 83, 763 4, 511, 245 27, 500	12 12 6 6	795, 013 652, 458 96, 310 46, 245	HotelHotel by class contact Hospital and institutional Public-courts, jails, etc Religious and memorial Residential Social and recreational Air transport Miscellaneous	2 3 5 3 18 3	$\left. \begin{array}{c} \$13, 145 \\ 171, 756 \\ 31, 641 \\ 400, 974 \\ 9, 105 \\ 154, 808 \\ 196, 496 \end{array} \right.$	 2 12 2 3 3	$\left.\begin{array}{c} \$175, 345\\ (1)\\ 300, 030\\ (1)\\ 125, 923\\ 103, 950\end{array}\right.$	$ \left\{\begin{array}{c} 2 \\ 2 \\ 2 \\ 1 \\ 6 \\ 1 \\ 3 \\ 4 \end{array}\right. $	\$9, 556 (1) 109, 944 (1) 28, 885 92, 546
Distributed by class of pub- lic ownership Federal State County or township Municipal	$22 \\ 6 \\ 11 \\ 5 \\ 11 \\ 11$	4, 529, 990 1, 684, 298 1, 160, 098 33, 079 1, 652, 515		4, 483, 745 }2, 834, 136 }1, 649, 609	$\begin{cases} 0 \\ 1 \\ 2 \\ 3 \\ 5 \end{cases}$	$\begin{array}{c} 46,245\\ 10,260\\ \end{array}$	Highway and street Public works and utilities <sup>2</sup> Air transport work Miscellaneous, n. e. s All business under subcontract Thertical	9 3 1 2 13 2	3, 903, 225 235, 658 } 129, 584 552, 494	9 2 { 1 	3, 903, 225 ( <sup>1</sup> ) ( <sup>1</sup> )	1 2 13 2	( <sup>1</sup> ) ( <sup>1</sup> ) 552, 494
All business under general contract or directly for owners Distribution not reported	34 1	6, 010, 217 96, 575	27 1	5, 706, 465 96, 575	7	303, 752	Blass and glazing Plastering and lathing Heating and plumbing Heating and plumbing Pipe covering	1 1 δ	<pre>102, 585 402, 581 111, 400</pre>	[ [		1 5	{102, 585 402, 581 }111, 400
Distributed by class Building Distribution not reported	$     \begin{array}{c}       33 \\       24 \\       1     \end{array}   $	5, 913, 642 1, 645, 175 54, 870	26 17 1	5, 609, 890 1, 364, 577 54, 870	77	303, 752 280, 598	Plumbing and heating com- bined	3	154, 792 136, 389	L 		6	154, 792 136, 389
Distributed by class Commercial Educational	13	1, 590, 305 459, 247 144, 133	16 10 6	1, 309, 707 438, 751 127, 178	7 3 3	280, 598 20, 496 16, 955	Masonry	1 1 1	<b>47, 328</b>	 		1 1	47, 328

<sup>1</sup> Value omitted in order to avoid disclosing individual operations. The amounts omitted are, however, included in the respective totals. <sup>2</sup> Includes establishments reporting the following types of work: General contractors—Bridge, tunnel, etc., 1; sewage disposal and drainage and water supply, 1; sub-contractors—Sewage disposal and drainage, 1.

#### TABLE 3 .- CONSTRUCTION BUSINESS DURING 1929, BY LOCATION

CLASSIFICATION OF ESTABLISH- MENTS	Es- tab- lish- ments re- port- ing	Total	In home city	In home State	Outside home State	CLASSIFICATION OF ESTABLISH- MENTS	Es- tab- lish- ments re- port- ing	Total	In home cïty	In home State	Outside home State
NEW MEXICO	58	\$5, 773, 004	\$2, 266, 407	\$4, 914, 475	\$858, 529	NEW MEXICO-Continued					
General contractors Building Building not specialized Residential building only Highway	24 16 13 8 8	4, 916, 758 1, 200, 577 1, 088, 678 111, 899 3, 716, 181	1, 550, 503 956, 435 844, 536 111, 899 594, 058	4, 080, 229 1, 130, 789 1, 018, 890 111, 899 2, 949, 440	836, 529 69, 788 69, 788 766, 741	Subcontractors Heating and plumbing Plumbing Plumbing and heating com- bined. Other classes <sup>2</sup>	14 9 5 4 5	\$856, 246 622, 105 450, 151 171, 954 234, 141	\$715, 904 481, 763 340, 809 140, 954 234, 141	\$834, 246 600, 105 448, 151 151, 954 234, 141	\$22,000 22,000 2,000 20,000

<sup>1</sup> Includes grading; and street paving.

<sup>2</sup> Includes electrical; masonry; painting and decorating; plastering and lathing.

TABLE 4.-CONSTRUCTION BUSINESS OUTSIDE HOME STATE, BY LOCATION

	LOCATI	ON REPORTED	вү—		LOCATIO	ON REPORTED	вт
STATE	All classes of establish- ments	General con- tractors	Subcon- tractors	STATE	All classes of establish- ments	General con- tractors	Subcon- tractors
NEW MEXICO				NEW MEXICO-Continued			
Total distributed by State 1	\$858, 529	\$836, 529	\$22, 000	Colorado Oklahoma	\$211,608	\$211, 608 55, 853	
Arizona California	209, 364 53, 704	187, 364 53, 704	22, 000	South Dakota	55,853 181,000 147,000	181, 000 147, 000	

<sup>1</sup> Number of establishments reporting: All classes, 7.

## TABLE 5.-NUMBER AND SALARIES OF PROPRIETORS, FIRM MEMBERS, AND SALARIED EMPLOYEES: 1929

			IETORS MEMBI	AND FIRM ERS				SALAR	IED EM	PLOYEES				
CLASSIFICATION OF ESTABLISHMENTS	Estab- lish- ments re- port-	Re- ceiv-		ving sala- ries		laried em- loyees		rs and cler- il staff		intendents, men, etc.		ber rep by sex	orted,	Sex not
	ing	ing no salary	Num- ber	Total an- nual sala- ries	Total num- ber	Total an- nual sala- ries	Num- ber	Total an- nual sala- ries	Num- ber	Total an- nual sala- ries	Total	Male	Fe- male	re- port- ed
NEW MEXICO	41	42	7	\$24, 612	101	\$237, 321	44	\$95, 101	57	\$139, 220	91	84	7	10
General contractors. Building Building not specialized. Residential building only.	$27 \\ 17 \\ 14 \\ 3$	29 19 15	3 2 2	9,537 7,200 7,200	84 13 13	207, 310 35, 390 35, 390	32 5 5	79, 590 8, 690 8, 690	52 8 8	127, 720 26, 700 20, 700	74 7 7	69 7 7	5	10 8 6
Highway 1	10	10	1	2, 337	71	171, 920	27	70,900	44	101, 020	67	62	5	4
Subcontractors Heating and plumbing Plumbing Plumbing and heating combined Othor classes <sup>3</sup>	9	13 7 4 3 6	4 3 3 1	15,075 10,524 10,524 4,551	17 15 7 8 2	30, 011 29, 111 13, 081 16, 030 900	12 10 3 7 2	18, 511 17, 611 4, 081 13, 530 900	5 4 1	11, 500 11, 500 9, 000 2, 500	17 15 7 8 2	15 13 6 7 2	2 2 1 1	

Includes grading; and street paving.

<sup>2</sup> Includes electrical; masonry; painting and decorating; and plastering and lathing.

#### TABLE 6.—VALUE OF CONSTRUCTION EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929

	Estab-	EQU	IPMENT	Value of			Estab-	EQU	IPMENT	Value of	
CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	lish- ments report- ing		Inventory value at end of year	construc- tion business reported	Wages paid	CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	lish- ments report- ing	Pur- chased during the year	Inventory value at end of year	construc- tion business reported	Wages paid
NEW MEXICO	86	\$399, 843	\$1, 202, 280	\$6, 242, 744	\$1, 328, 058	NEW MEXICO-Continued					
Classification of establish- ments						Percentage of equipment owned-Continued					
General contractors Building Highway <sup>1</sup>	25 16 9	392, 825 21, 587 371, 238	1, 177, 323 75, 404 1, 101, 919	5, 532, 120 1, 320, 238 4, 211, 888	1, 165, 237 317, 802 847, 435	General contractors—Contd. 1% to 25% 26% to 50% 51% to 75% 76% to 90% 100%					
Subcontractors Heating and plumbing Plumbing	11 8 5	7, 018 5, 993 5, 343	24, 957 20, 013 14, 860	710, 618 562, 105 450, 151	162, 821 124, 786 98, 695	76% to 99%	1 23	\$6, 060 386, 765	\$15, 800 1, 101, 403	\$102, 812 5, 328, 918	\$13, 000 1, 144, 875
Plumbing and heating com- bined Other classes <sup>2</sup>	3 3	650 1, 025	5, 213 4, 944	111, 954 148, 513	26, 091 38, 035	Subcontractors None 1% to 25%	11	7, 018	24, 957	710, 618	162, 821
Percentage of equipment owned						None 1% to 25% 26% to 50% 51% to 75% 76% to 99% 100% Not reported	i	250	800	37, 504	6, 794
General contractors None	25 1	392, 825	1, 177, 323	5, 532, 126 40, 396	1, 165, 237 7, 362	76% to 99% 100% Not reported	10	0, 768	24, 157	673, 114	156, 027

<sup>1</sup> Includes grading; and street paving.

<sup>2</sup> Includes electrical; masonry; and plastering and lathing.

#### TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID: DURING 1929

	Estab-		NUMBE	R EMPLO	YED ON 1	5 <b>TH</b> DAY	OF THE	MONTH (	DR NEAR	EST REPR	ESENTA	TIVE DAY		Wages
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember		Novem- ber	Decem- ber	paid dur- ing year
NEW MEXICO	81	587	557	782	901	929	915	965	983	887	780	627	559	\$1, 251, 659
Classification of establishments														
General contractors Building Building not specialized Residential building only Highway <sup>1</sup>	19 14 11 3 5	$506 \\ 121 \\ 114 \\ 7 \\ 385$	476 125 115 10 351	$701 \\ 182 \\ 167 \\ 15 \\ 519$	800 187 .172 15 613	810 235 223 12 581	791 218 106 22 573	$\begin{array}{r} 841 \\ 259 \\ 235 \\ 24 \\ 582 \end{array}$	869 274 243 31 595	757 190 172 27 558	668 217 197 20 451	523 145 137 8 378	466 174 166 8 292	$1,081,284\\307,667\\280,406\\27,261\\773,617$
Subcontractors	12 9 5 4 3	81 60 39 21 21	81 63 41 22 18	81 66 44 22 15	$101 \\ 87 \\ 64 \\ 23 \\ 14$	113 92 66 26 21	124 107 74 33 17	124 113 79 34 11	114 106 73 33 8	130 107 73 34 23	112 102 71 31 10	104 94 66 28 10	93 80 53 27 13	170, 375 142, 786 98, 095 44, 091 27, 589
Length of working week														
General contractors 40-hour, 5-day week	19	506	476	701	800	816	791	841	869	757	668	523	466	1,081,284
45-hour, 5-day week 50-hour, 5-day week														
All other 5-day week 44-hour, 5½-day week 40½-hour, 5½-day week	9	83	85	130	130	166	150	164	198	140	181	113	141	220, 075
55-hour, 512-day week														
48-hour, 6-day week 54-hour, 6-day week 60-hour, 6-day week	5	74 182	71 157	84 325	78 414	100 413	$\begin{array}{c}103\\412\end{array}$	$\begin{array}{c}133\\366\end{array}$	121 377	$\begin{array}{c} 104 \\ 358 \end{array}$	72 270	68 148	67 131	98, 951 424, 898
All other 6-day week All other not designated Not reported		153 14	144 19	144 18	149 23	118 19	100 20	156 22	158 20	140 15	131 14	180 14	iiii 16	313, 333 23, 127
Subcontractors	12	81	81	81	101	113	124	124	114	130	112	104	93	170, 375
45-hour, 5-day week														
All other 5-day week 44-hour, 5½-day week 49½-hour, 5½-day week	3	27	22	18	19	27	23	19	16	35	22	23	20	49, 538
55-hour, 5½-day week All other 5½-day week 48-hour, 6-day week	7	32	32	34	38	40	54	59	52	49	44	42	39	63, 876
54-hour, 6-day week 60-hour, 6-day week All other 6-day week	1	4	4 23	4 25	4	4 42	4 43	4 42	4 42	4	4	4 35	4 30	6, 961 50, 000
All other not designated Not reported														

<sup>1</sup> Includes grading; and street paving.

<sup>2</sup> Includes electrical; masonry; and painting, and decorating

#### TABLE 8.-EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929

			PRINCIPAL	ITEMS OF TURE	EXPENDI-		*	OTHER	ITEMS O	F EXPENI	HTURE		
· · ·	Estab- lish	Value of construc-				Sal	aries	Rent	; for—			Com- pensa-	
CLASSIFICATION OF ESTABLISHMENTS	ments report- ing	tion business reported	Subcon- tract work let	Wages paid	Cost of materials	Propri- etors and firm mem- bers	Em- ployees	Equip- ment	Offices, etc.	Interest	Contract bond pre- miums	tion and llability insur- ance pre- miums	All other over- head expenses
NEW MEXICO	80	\$3, 377, 156	\$424, 000	\$763, 068	81, 222, 813	\$17, 412	\$104, 921	85, 315	\$16, 213	\$22, 246	\$28, 086	\$27, 468	\$170, 122
General contractors Building Building not specialized Residential building only Highway	17 11 8 3 6	2, 582, 409 739, 300 627, 401 111, 899 1, 843, 109	423, 000 52, 000 52, 000 371, 000	581, 080 199, 653 172, 392 27, 261 381, 427	821, 070 364, 833 201, 666 73, 167 456, 237	2, 337 	74, 910 14, 090 14, 090 60, 820	4, 415 290 250 40 4, 125	4, 228 1, 320 1, 320 2, 908	19, 206 10, 375 5, 504 4, 871 8, 831	26, 616 2, 140 2, 140 2, 140 24, 476	25, 532 6, 637 5, 883 754 18, 895	117, 058 14, 044 12, 419 1, 625 103, 014
Subcontractors Heating and plumbing Plumbing Plumbing and heating combined Other classes 1	13 9 5 4 4	794, 747 622, 105 450, 151 171, 954 172, 642	1,000 1,000 1,000	181, 988 142, 786 98, 695 44, 091 39, 202	401, 743 320, 940 241, 080 79, 860 80, 803	15, 075 10, 524 10, 524 4, 551	30, 011 29, 111 13, 081 16, 030 900	900 900 900	11,9858,4853,4485,0373,500	3, 040 2, 145 1, 351 794 895	1, 470 1, 470 1, 445 25	1,936 1,418 807 611 518	53, 064 37, 184 29, 573 7, 611 15, 880

1 Includes electrical; masonry; and painting and decorating.

# TABLE 9.—COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, BY KIND

	COST	OF MAT	ERIALS I	REPORTED B	Y		COST O	F MATE	RIALS RE	PORTED B	Y
	All class	es of est: ments	ablish-				All classe	s of esta nents	ıblish-		
KIND OF MATERIAL	Amount	Per cent distri- bu- tion	Per \$1,000 con- struc- tion work done <sup>1</sup>	General contrac- tors	Sub- contrac- tors	KIND OF MATERIAL	Amount	Per cent distri- bu- tion	Per \$1,000 con- struc- tion work done <sup>1</sup>	General contrac- tors	Sub- contrac- tors
NEW MEXICO						NEW MEXICO-Continued					
All kinds of material Distribution not reported	\$2, 030, 494 706, 286		\$353.50	\$1, 606, 365 597, 359	\$424, 129 108, 927	Distributed by kind—Continued. Millwork Composition board	\$20, 508 1, 370	1.5	\$5.48 .30	\$20, 508 1, 370	
Distributed by kind Sand, gravel, stone, slag, cinders, etc	1, 324, 208 296, 810	100.0	79.23	1, 009, 006 295, 910	315, 202 900	Hardware, rough and finished Paints, varnishes, glass Roofing and sheet metal	15, 525 27, 461 17, 603	$1.2 \\ 2.1 \\ 1.3$	4.14 7.33 4.70	15, 525 9, 177 15, 103	\$18, 284 2, 500
Brick (face, common, fire, paving, otc.) Tile (freproofing) Tile, facing, terra cotta, floor, and	49, 009 2, 679	3.7 .2	13.08 .71	32, 491 2, 679	16, 518	Finished flooring (other than ce- ment, wood, or tile)	3, 528 1, 150	.3	.94 .31	3, 528 1, 150	
Tile, facing, terra cotta, floor, and wall Concrete and cinder block	9,534 1,685	.7	2, 55	9, 534 1, 685		Heating and ventilating equip- ment. Plumbing and gas fitting equip-	111, 288	² 8.4	29, 71	17, 103	94, 185
Cut stone, granite and marble Cement	523 234, 314	(3)	$     \begin{array}{r}       14 \\       62.55 \\       .62     \end{array} $	523 230, 814 1, 472	3, 500 850	ment. Electrical appliances and supplies.	147, 652 48, 409	² 11. 2 3. 7	$39.42 \\ 12.02$	30, 353 8, 353	117, 299 40, 056
Lime Plaster, etc	10, 311 30, 240	2.3	2,75 8,07	10, 311 30, 240		Pipe: Drain tile, vitrified, concrete, segment tile, corrugated Pipe: Cast-iron, sheet and tube	48, 698	3.7	. 13. 00	43, 698.	5, 000
Plastor, etc. Structural steel Reinforcing steel Cast iron, miscellaneous, exclud-	37, 032	2.8	9,89	36, 922	110	steel, etc	18, 457 2, 500	$1.4 \\ .2$	4.03 .67	3, 457 2, 500	15, 000
Metal doors, windows, and trim Metal and wire lath and furring	1, 042 1, 577 180	.1 .1 ( <sup>3</sup> )	. 44 . 42 . 05	1, 642 1, 577 180		Bituminous paving materials, tar, asphalt, and oil. Freight, hauling or trucking to job	100, 228 100	<sup>9</sup> 7, 6 ( <sup>3</sup> )	26, 76 . 03	100, 228 100	
Ornamental metal work Lumber, rough and finished Lath, shingles, and shakes (wood).	1,000 74,184 3,296	5.6 .2	. 27 19. 80 . 88	74, 184 3, 296	1,000	Metal products, n. e. s. (including metal furniture) Miscellaneous	960 2, 433	$\frac{1}{2}$	. 25 . 65	960 2, 433	

<sup>1</sup> The value of construction work done is obtained from figures presented in Table 1, by subtracting the value of subcontract work let from the total value of construction business. <sup>2</sup> The percentage of total cost shown for this item is high because establishments located within this area reported that the large part of their construction work (on which this material was used) was done on contracts outside this area. <sup>3</sup> Less than one-tenth of 1 per cent.

# TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF	DESIGN. TERIAL	ATED		Indi-			COST OF MA	DESIGN. TERIAL	ATED		Indi-
	Cost of all		Per cen	t of—	Value of	cated per cent		Cost of all		Per cen	t of	Value of	cated per cent
KIND OF MATERIAL AND CLASSI- FICATION OF ESTABLISHMENTS	materials distrib- uted by	Amount	Total cost	Cost of all dis- trib- uted mate- rials	construc- tion busi- ness	of all busi- ness done by own force <sup>1</sup>	KIND OF MATERIAL AND CLASSI- FICATION OF ESTABLISHMENTS	materials distrib- uted by kind	Amount	Total cost	Cost of all dis- trlb- uted mate- rials	construc- tion busi- ness	of all busi- ness done by own force 1
NEW MEXICO							NEW MEXICO-Continued						
Sand, gravel, stone, slag,							Paints, varnishes, glass			*00.0		<b>#4 974 104</b>	87.5
cinders, etc. <sup>2</sup> All classes	\$1, 324, 208	\$296, 810	100. 0	22.4	\$4, 374, 184	87. 5	All classes		\$27,461	100.0 33.4		\$4, 374, 184 4 3, 732, 015	85.8
General contractors. Building. Building not specialized Residential building only.		295,910 14,640 13,415 1,225	99.7 4.9 4.5 .4	29.3 5.0 5.6 2.3	$\begin{array}{c} \textbf{3,732,015}\\ 595,976\\ 528,416\\ 67,560\\ \textbf{1,358,623}\\ \end{array}$	85.8 88.1 87.4 100.0	General contractors Building Building not specialized Residential building only Highway	290,218	8, 977 6, 812 2, 165 200	32.7 24.8 7.9 .7	3.1 2.9 4.1 .1	595,976 528,416 67,560 1,358,623	88.1 87.4 100.0 75.0
Highway Street paving	223, 205 495, 583	112, 500 168, 770	37.9 56.9	50. 4 34. 1	1, 358, 623 1, 777, 416	75. 0 97. 8	Subcontractors Painting and decorating	<sup>3</sup> 315, 202 18, 284	18, 284 18, 284	66. 6 66. 6	5.8 100.0	4 642, 169 35, 844	98.8 100.0
Subcontractors Masonry	<sup>a</sup> 315, 202 21, 878	900 900	.3 .3	.3 4,1	4 642, 169 41, 328	98. 8 100. 0	I tanting and ventilating equipment 2						
Brick (face, common, fire, paving, etc.)							All classes	1, 324, 208	111, 288	100.0	8.4	4, 374, 184	87.5
All classes	3 1,009,006	49,009 32,491 32,491	100.0 66.3 66.3	3.7 3.2 11.2	4, 374, 184 4 3,732, 015 595 970	87.5 85.8 88.1	General contractors Building Building not specialized Residential building only	1 2941 218	17, 103 17, 103 14, 103 3, 000	15.4 15.4 12.7 2.7	1.7 5.9 5.9 5.7	4 3, 782, 015 595, 976 528, 416 67, 500	85.8 88.1 87.4 100,0
Building Building not specialized Residential building only	290, 218 237, 908 52, 310 3 315, 202	24, 991 7, 500	51.0 15.3 33.7	10.5 14.3 5.2	595, 976 528, 410 67, 560 4 642, 169	87.4 100.0 98.8	Subcontractors Electrical Heating and plumbing	<sup>3</sup> 815, 202 40, 641 234, 399	94, 185 585 93, 600	84.6 .5 84.1	29.9 1.4 39.9	4 642, 169 95, 470 469, 527	98.8 100.0 99.8 100.0
Subcontractors Masonry		16, 518	33.7	75.5	41, 328	100.0	Heating and piping- Plumbing and heating		8,000 75,600	7.2 67.9	53.8 38.5	25, 505 370, 573	99.8
Cement <sup>2</sup>					4 974 194	87.5	combined	23, 000	10, 000	9.0	43.5	73, 389	100.0
All classes		234, 314	100.0 98.5	17.7	4, 374, 184 3, 732, 015	85.8	Plumbing and gas fitting equipment <sup>1</sup>						
General contractors. Building Building not specialized Residential building only Highway Street paving	290, 218 237, 908 52, 310	11,758 9,708	5.0 4.1 .9 18.6 74.9	4.1 4.1 3.9 19.5 35.4	595, 976 528, 416 67, 560 1, 358, 623	88.1 87.4 100.0 75.0 97.8	All classes General contractors Building	- <sup>3</sup> 1,009,000 290,218	30, 353 30, 353	20. 6 20. 6			87.5 85.8 88.1 87.4
Subcontractors	3 315, 202	3, 500	1.5	1.1	4 642, 169	98. 8 100. 0	Building not specialized. Residential building only.	- 237,908 - 52,310		3.4	9.6	67, 560	100, 0
Masonry Structural steel All classes		3, 500 80, 240	1.5	16.0 2.3	41, 328 4, 374, 184	87.5	Subcontractors Heating and plumbing Heating and piping	234, 399	117, 299 6, 860	4.6	37.2 50.0 46.2 51.1	4 642, 169 469, 527 25, 565 370, 573	98.8 99.8 100.0 99.8
General contractors Building Building not specialized Residential building only	3 1, 009, 006	30, 240 12, 240	100.0 40.5 32.7	8.0 4.2 4.2	4 3, 732, 015 595, 976 528, 416	85.8 88.1 87.4	Plumbing and heating Plumbing and heating combined					73, 389	100, 0
Residential building only Highway	52, 310 223, 205	2, 350 18, 000	7.8 59.5	4,5	67, 560		Electrical appliances and supplies						
Reinforcing steel			100.0	2.8	4, 374, 184	87.5	All classes					4, 374, 184	
General contractors	1,009,006	36, 922 14, 391	99.7 38.9	3.7 5.0	8, 732, 015	85. 8 88. 1	General contractors Building Building not specialized Residential building only.	- 201,000		17.3 12.5	2.9	595,970 528,416	87.4
Building not specialized Residential building only. Highway Street paving	237,908 52,310 223,205 495,583	325 20, 900	.9 56.4	.6 9.4	67,500 1,358,623	100.0	Subcontractors	3 315, 202 40, 641		82. 7 82. 7	12.7 98.6		08.8 100.0
Subcontractors				(7) .5	4 642, 169 41, 328	98.8 100.0	Pipe: Drain tile, vitrified, concrete, segment tile, corrugated				- 		
Lumber, rough and finished			100.0	5.6	64, 374, 184	87.5	All classes						
All classes					3, 732, 015	85.8	General contractors Street paving	- 1,009,000 - 495,583	43, 698 43, 698	89.7 89.7	4, 3 8, 8		85.8 97.8
Building. Building not specialized. Residential building only. High way. Street paving.	290, 218 237, 908 52, 310 223, 205	57,478 47,078 10,400 16,070	03.5 14.0 21.7	19.8 19.8 19.9 7.2	595, 976 528, 416 67, 560 1, 358, 623	88.1 87.4 100.0 75.0	Subcontractors Heating and plumbing Plumbing	- <sup>8</sup> 315, 202 - <sup>8</sup> 234, 399 - 196, 539	5,000	10.3	2.1	4 469, 527	99.8
Millwork			100.0	1.5	<sup>6</sup> 4, 374, 184	87:5	rials, tar, asphalt, and oil <sup>1</sup>						
General contractors	\$1,009,000	20 509	100.0	2.0	4 3, 732, 015	85.8	All classes	1, 324, 208	100, 228	100.0	7.6	¢ 4, 374, 184	
Building Building not specialized Residential building only	290, 218	20,508 12,658	100.0 61.7	7.1 5.3	595, 976 528, 416	88.1	General contractors	a 1, 009, 006 495, 583	5 100, 228 100, 228	100.0 100.0			

Based upon the difference between the total value of all construction business reported and the value of subcontract work let.
 See foctnote 2 of Table 9 on p. 806.
 Includes cost of materials reported by establishments which did not include designated material in their distributed lists.
 Includes construction work reported by establishments which did not include the designated material in their distributed lists.
 Includes cost of materials reported by subcontracting establishments which did not include the designated material in their distributed lists.
 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists,
 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists,
 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists,
 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists,
 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists,

TABLE 11.-COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929

										<del></del>				
	Total cos	RIAI	OF ALL S DISTRIN BY KIN	BUTED	Sand, gravel, crushed	Brick, (face, com-	Tile, (fire-	Tile, facing, terra			Plaster,	Struc-		Lum- ber, rough
CLASSIFICATION OF ESTABLISHMENTS	of all materials	1	nount	Per cent of total	stone, slag, cinders, etc.	mon, fire, paving), etc.	(Inc- proof- ing)	cotta, floor, and wall	Cement	Lime	etc.	tural steel	forcing steel	and fin- ished
NEW MEXICO	\$2, 030, 49	4 \$1,3	24, 208	65.2	2 \$296, 810	\$49,009	\$2,679	89, 534	2 \$284, 314	\$2, 322	\$10, 311	\$30, 240	\$37, 032	\$74, 184
General contractors. Building not specialized Residential building only. Highway. Street paving.	<sup>3</sup> 563, 78 476, 61 73, 16	5 2 8 2 7 2	09, 006 990, 218 937, 908 52, 310 223, 205 95, 583	$\begin{array}{r} 62.8\\ 51.5\\ 49.9\\ 71.5\\ 40.8\\ 100.0 \end{array}$	295, 910 14, 640 13, 415 1, 225 112, 500 168, 770				230, 814 11, 758 9, 708 2, 050 43, 535 175, 521		1, 000		14, 391 14, 066 325 20, 900 1, 631	74, 184 57, 478 47, 078 10, 400 16, 070 636
Subcontractors	40.64	1	15, 202 40, 641	74.3 100.0	900	16, 518			3, 500	850			- 110	
Heating and plumbing Heating and piping Plumbing	320, 94 14, 86 241, 08	0	14, 399 14, 860 96, 539	73.0										
Plumbing and heating combined Masonry Painting and decorating	65,00	8	23, 000 21, 878 18, 284	35.4 100.0 100.0	900						1		1	
CLASSIFICATION OF ESTABLISHMENTS	Laths, shin- gles, and shakes	Mill- work	Hard- ware, rough and fin- ished	Paint var- nishe and glass	s, sheet	Fin- ished floor- ing, n. e. s.	Heating and venti- lating equip- ment	Plumbin and gas fitting equip- ment	cal ap- pliances and	Pipe: Drain- tile, vitri- fied, concrete, etc.	Pipe: Oast iron, sheet and tube steel, etc.	Wire cable, guards, and fencing	Bitumi- nous paving materials	Miscel- lancous
NEW MEXIGO	\$3, 296	820, bOS	\$15, 525	\$27, 46	817, 603	\$3, 528	2 \$111, 288	2 <b>8147, 6</b> 52	\$48, 409	\$48, 698	\$18, 457	\$2, 500	2\$ 100, 228	\$12, 620
General contractors	3, 296 3, 296	20, 508 20, 508	15, 525 6, 025	9, 17 8, 97	7 15, 103	3, 528 3, 528	17, 103 17, 103	30, 353 30, 353	8 353	43, 698		2, 500	100, 228	11, 620 9, 978
Building not specialized Residential building only Highway Street paving	2, 796 500	12, 658 7, 850	500 B 005		14, 303 35 800 30	1,878 1,050	14, 103 3, 000	5, 000	2,300	43, 698	 3, 457	2, 500		9, 563 415 1, 642
Subcontractors				18, 28			94, 185 585	117, 299	40,056	5, 000				1, 000
Heating and plumbing Heating and piping					2, 500		93, 600 8, 000	117, 299 6, 860			15, 000			1, 600
Heating and plumbing Heating and plping Plumbing Plumbing and heating combined Painting and decorating				18, 28	2,000 4		75,600 10,000	100, 439 10, 000			15,000			1, 000

<sup>1</sup> Certain establishments did not give a distribution of the cost of their materials by separate items. The total cost of materials reported by such establishments is however, included in totals in this column which carry a footnote to that effect.
 <sup>2</sup> See footnote 2 of Table 9 on page 806.
 <sup>3</sup> Includes commercial building only, \$14,000.
 <sup>4</sup> Includes plastoring and lathing, \$22,386.
 <sup>4</sup> Includes the reported cost of concrete and einder block; cut stone, granite, and marble; cast iron, miscellaneous, excluding pipe; metal doors, windows and trim; metal and wire lath and furring; ornamental metal work; composition board; screens, shades, awnings, etc.; freight, hauling or trucking to job; metal products, n. e. s.; and miscellaneous, n. e. s.

#### TABLE 12.—NUMBER OF, AND VOLUME OF BUSINESS REPORTED BY, ESTABLISHMENTS DOING A CON-STRUCTION BUSINESS OF LESS THAN \$25,000 IN 1929, PERCENTAGE OF TOTAL NUMBER OF KNOWN ESTABLISHMENTS, AND AVERAGE VOLUME PER ESTABLISHMENT

				New 1930 popu	MEXICO lation, 423	,317		
	Know	'n contract	ing establi	shments		Volume of 1	business report	ed
TYPES OF WORK			Activo	ə in 1929	Number of re-		1	Average
	Total number	Inactive in 1929	Number	Per cent	porting estab- lish- ments	Per cent of active	Amount	per es- tablish- ment
Total establishments canvassed (less than \$25,000)	- 190		190					
Total establishments type of work unknown Total general and subcontractors classified	13 177		13 177	100. 0				
Total general contractors classified	77		77	43. 5	18	23.4	\$236, 801	\$13, 156
Building Highway Bridge and culvert	68 8 1		68 8 1	38.4 4.5 .6	17 1	25. 0 12. 5	230, 301 6, 500	13, 547 6, 500
Total subcontractors classified	100		100	56. 5	30	30. 0	276, 791	9, 226
Carpentering Electrical Marble and tiling Painting and decorating Plastering. Sheet metal and roofing Plumbing and heating Masonry Concreting Stone work	8 26 3 7 4 11 35 8 2 1		8 20 3 7 4 11 35 3 2 1	$\begin{array}{r} 4.5\\ 14.7\\ 1.7\\ 4.0\\ 2.3\\ 0.2\\ 10.8\\ 1.7\\ 1.1\\ .6\end{array}$	2 8 1 3 2 8 11	25. 0 30. 8 33. 3 42. 9 50. 0 27. 3 31. 4	8,700 70,807 24,900 21,800 28,600 18,036 100,048	4, 350 8, 851 24, 900 7, 207 13, 250 6, 012 9, 641

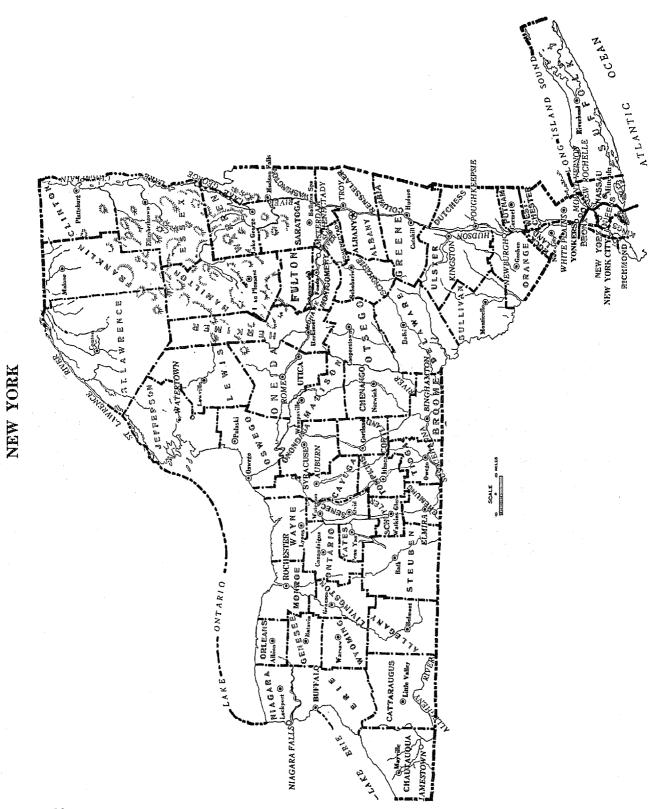
# TABLE 13.—ESTABLISHMENTS (WHOSE BUSINESS WAS LESS THAN \$25,000 IN 1929) WHICH REPORTED THEIR VOLUME OF CONSTRUCTION WORK, CLASSIFIED BY RANGE OF VOLUME OF BUSINESS

CLASSIFICATION	Total	Less than \$2, 500	\$2,500 to \$4, 999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12, 499	\$12,500 to \$14,999	\$15,000 to \$17, 499	\$17,500 to \$19,999	\$20,000 to \$22, 499	\$22,500 to \$24, 999
NEW MEXICO					_						
Total general and subcontractors	48	10	6	7	5	3	2	1	. 3	6	D
General contractors Subcontractors	18 30	2 8	2 4	3 4	3 2	3	2	1	3	42	3 2

## NEW YORK

## CONTENTS

		Page
Мар		812
TABLE	1,-Value of construction business during 1929, and principal items of expenditure	813
TABLE	2.—Construction business of reporting establishments during 1929, by class of ownership and by type of work	819
TABLE	3.—Construction business during 1929, by location	826
TABLE	4.—Construction business outside home State, by location	829
TABLE	5.—Number and salaries of proprietors, firm members, and salaried employees: 1929	831
TABLE	6.—Value of construction equipment, in comparison with construction business and wages paid during 1929	836
TABLE		
	8.—Expenditures of reporting establishments: 1929	
TABLE	9.—Cost of materials furnished and used by reporting establishments during 1929, by kind	853
TABLE	10.—Comparison of cost of designated materials furnished and used by reporting establishments during 1929, with	
	cost of materials and value of construction business	858
TABLE	11.—Cost of materials furnished and used by reporting establishments during 1929	889
TABLE	12Number of, and volume of business reported by, establishments doing a construction business of less than	
	\$25,000 in 1929, percentage of total number of known establishments, and average volume per establishment	909
TABLE	13Establishments (whose business was less than \$25,000 in 1929) which reported their volume of construction	
	work, classified by range of volume of business	911



## TABLE 1.-VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE

[Values expressed in thousands of dollars]

	Î.	1							1.	1					
	establish-		OF CONS N BUSINI		PRINC	IPAL EX TURES	PENDI-		establish-		OF CONS N BUSIN		PRINC	PAL EX TURES	PENDI-
AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Number of est ments	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of ma- terials	AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	3	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of ma- terials
NEW YORK	4, 372	1,323,724	993, 098	330, 626	385, 625	318, 537	383, 751	NEW YORK-Continued							
Counties and principal Cities								Classification of establish-							
Counties: Albany	88	14,799	12, 157	2,642	2.240	4, 551	4, 781	General contractors—Con.	1						
Bronx Broome	274	54,334 6,508	27,918	751	1,206	1,666	16,723 2,159	Central station, light and power plant Refuse disposal plant	. 15	23, 216	23, 175	41	5, 233 107	6, 549	8,672
Cattaraugus Cayuga	21 13 28	2,776 1,454 2,777	1.207	196 247	194 28	728	676	i Subway (other than build-	1	498	498			1	140
Chautauqua Chautauqua Chemung Chemango	13 28 27 3 5	3, 091 915	2,686	508 405 82	555 746	672 740 236	1,089	Other classes <sup>3</sup>	. 23	66, 223 1, 381	64,757 1,381	1,466	5, 295 73	21,016 475	19, 384 535
Clinton Columbia	5	645	442 556	52 89	52	173	201 189	Subcontractors Carpentering and wood floor-	2, 549	443, 957	122, 659	321 <b>, 2</b> 98	21, 733		
C ilinton C olumbia Delaware Dutchess. Erie Essex. Franklin Fulton Genesee Herkimer Jefterson	4 39	380 6, 344	1 386	919 16, 235	10	117 1,834	149 2.480	ing Concreting Electrical	. 99	20,887	2,152	8, 200 18, 735	1,464 986	7,879	3, 827 7, 737 19, 027
Essex.	311 7 8	68, 188 322 924	284	38	15	120	108	Elevator construction	. 24	47, 597 24, 428	2.009	27,692	572	17,586	19,027 15,831
Fulton	12	1, 024 654	889	$16 \\ 135 \\ 76$	138 37 113	280 306 177	485	Heating and plumbing Heating and piping Pipe covering	929 211 11	43.564	22, 814	78, 729 20, 750 2, 278	3, 983	1 10, 373	20, 724
HerkimerJefferson	14 18	1, 440 2, 480	1,287 2,172	$153 \\ 308$	46 125	485	589	Plumbing Plumbing and heating combined	494	2, 579 67, 533	22, 774	44, 759	1, 549	771 17, 790	35, 565
Kings.	453	85, 403 382	57,815 351	27, 588 31	22, 042 70	18, 876 83	28,207 141	Automatic temperature			5, 892	9 <b>, 02</b> 9	192		7, 411
Monroe Montgomery	141 16 198	28, 268 1, 990		3, 988 393				Automatic sprinkler sys-	3		li	844			)
Monroe Montgomery Nassau New York Niagara	1, 333 54	26, 898 792, 230 7, 767	1, 597 21, 927 605, 423 6, 904 8, 819	4,971	6, 818 283, 868	5, 873 184, 089	7,966	tems Masonry Painting and decorating	i 100		10, 257	9, 392	78 664 431	8.342	7, 292
Oneida. Onondaga	64 105	10, 007 17, 743	8,819 12,860	1, 188 4, 883		2, 220 2, 714 4, 626	1,000	Glass and glazing	28 83	17, 033 2, 728 24, 362	4, 248 341 2, 207	12, 785 2, 387 22, 155	431 6 1,772	556	1.306
Ontario Orange	7 40	535 4, 095	505 3,622	30 473	2, 722 126 490	1, 233 1, 233 272	178 1,390	Glass and glazing Plastering and lathing Roofing and sheet-metal work	242	23, 733	1 1			6,372	9, 339
Orleans. Oswego	3 4 7 5	911 143	911 105	38	ī	40	460 65	Sheet metal work	104 76	10, 968 7, 478	7,381 5,279 699	16, 352 5, 689 6, 779	851 287 356	2, 659 2, 215	9, 339 4, 254 2, 937
Otsego Putnam Queens	$5 \\ 228$	690 319 63, 328	$     \begin{array}{r}       681 \\       249 \\       33, 433     \end{array} $	9 70 29, 895	94 41 10, 497	$277 \\ 106 \\ 15,351$	$     \begin{array}{r}       160 \\       95 \\       22,834     \end{array} $	Roofing and sheet metal combined Steel erection	62 72	5, 287	1,403 4,448	3, 884 20, 695	208 622	$1,498 \\ 4,795$	2,149
Rensselaer Richmond	27	4,755	4.345	20, 800 410 251	10, 487 145 771	1, 186	1,664	Stonework Marble and tiling	38 166	25, 143 7, 553 30, 337	1,530 3,928	6,023	847 519	2.346	14, 517 2, 520 12, 920
ROCKIBIO	32	2, 817 854	807	438 47	294 91	749 204	1,060 330	Wrecking	14 47	1, 337 11, 848	135 351	1, 202 11, 497	13 1. 392	828 4. 633	8 1, 039
Saratoga Schenectady	14 67	2, 808 6, 598	2,556	252 1, 506	308 1, 049	839 1, 728 395	738 2,435	Excavating Ornamental iron	93 6	15, 810 1, 190	1, 245 92	14, 565 1, 098 212	826 39	2, 482 345	7, 958 400
Steucen Suffolk	10 124 15	1, 335 15, 338 1, 901	1, 171 13, 224 1, 392	164 2,114	161 2, 988	395 4, 123 589	502 5,283	Grading Soundproofing Foundation Metal work, n. e. s.	4	236	24	212 507 15, 279	7 5	67 166	$14 \\ 302 \\ 5, 329$
St. Lawrence. Saratoga. Schenectady. Steuben. Suffolk. Tompkins. Ulster. Warren. Warren.	23 10	1, 501 1, 552 937	1, 158	509 394 46	158 173 348	363 268	795 580 236	Metal work, n. e. s.	11 16 19	19, 903 2, 154 3, 053	4, 024 568 469	1.586	3, 690 89 99	5, 891 422 894	1, 169
Washington Wayne Westchester	7	1, 085 138	1,032 132	53 6	137 26	307 29	520 63	Flooring, n. e. s Other classes <sup>4</sup>	6	940	143	2, 584 796	10	210	1, 309 292
Westchester Wyoming Other counties 1	0	64, 136 572	50, 453 383	13, 683 189	13, 338 78	17, 392 151	20, 368 214	Size of business groups							
	15	2, 156	2,086	70	98	543	985	General contractors 4 \$25,000 to \$40,999 \$50,000 to \$199,999 \$100,000 to \$199,990 \$200,000 to \$499,999 \$500,000 to \$499,999	1,823 311 384	879, 767 11, 982 27, 695 55, 991 120, 592 132, 905 530, 603	870, 439 11, 895 96, 002	9, 328 87 703	2, 675 2, 675	179, 223 3, 044 6, 674 13, 222 27, 791	177, 359 3, 868 7 855
Albany Buffaio	72 254	12,919 59,774	10, 514	2,405 15,288	2, 154 12, 448	3, 934 14, 687	4,093 19,389	\$100,000 to \$199,999 \$200,000 to \$499,999	395 380	55, 991 120, 592	55, 495 119, 497	496 1.095	17, 267 35, 734	13,222 27,791	13, 655 32, 218
New York Bronx Borough	2, 325 274	1,001,775 54, 334	730, 819 27, 918	270, 957 3 26, 416	28, 924 11, 746	233, 256 13, 538	253, 226 16, 723	\$500,000 to \$999,999 \$1,000,000 and over	192 161	132, 905 530, 603	132, 252 524, 309	653 6, 294	03, 030	27, 011 101, 482	28,001
Manhattan Borough	453	85, 403 792, 230	57, 815 605, 423	27, 588 186, 807 2	22, 042 83, 868 1	18, 876 84, 089	28, 207 183, 574	Building contractors 5		000 001	004 107	1 004	338, 401	100, 471	92,006
Richmond Borough	220 37 140	6, 481 28, 227	33, 433 6, 230 24, 234	29,895	10, 497	1,401	22,834 1,888	\$25,000 to \$49,099 \$50,000 to \$99,999 \$100,000 to \$199,999	275 317 299	10, 270	10, 204 22, 182 42, 194	72 543 289	2, 614 7, 344 16, 210	5, 177 9, 089	3, 367 6, 306 9, 755
Principal cities: <sup>2</sup> Albany. New York Bronx Borough Brooklyn Borough Manhattan Borough Queens Borough Richmond Borough Rochester Syracuse. Utica. Yonkers.	99 50	17,317 8,564	12,696	4,622	2,709	4, 522	6,146	\$200,000 to \$499,999 \$500,000 to \$999,999	244 134	006, 081 10, 276 22, 725 42, 393 75, 817 92, 690 362, 180	75, 438	379 302	33, 506 50, 226	9, 089 15, 445 15, 719 52, 533	15,698 15,293
Yonkers	64	8, 453	5, 960	2, 493	1, 723	2, 223	2,730	\$1,000,000 and over	102	362, 180	361, 861	319		i	
Classification of establish- ments								\$25,000 to \$49,999	2, 549 902 728	443, 907 32, 872 51, 588	122, 059	20, 364 34, 286	21, 733 474 1, 130	139, 315 10, 109 16, 325	20 278
Operative builders General contractors	103 1, 720	835, 557	44, 210 826, 229	9.328	38, 726 25, 166 1	77, 922	1,322 176,037	\$100,000 to \$199,999 \$200,000 to \$499,999	466 308	65, 137 93, 108	18,640 29,407	46, 497 63, 701	2, 474 4, 887	20, 434 29, 135	27, 114 37, 975
Building Building not specialized Commercial building only	1, 268 839	561,871 485,621	559, 987 483, 809	$1.8842 \\ 1.8122$	99, 675 61, 485	99, 170 86, 049	90,683	Subcontractors	86 59	443, 957 32, 872 51, 588 65, 137 93, 108 58, 322 142, 932	14, 839 29, 964	43, 483 12, 968	2, 257 10, 511	20, 434 29, 135 21, 090 42, 223	23, 430 64, 827
Manufacturing Dunding i	117	22,998		72	11, 370	4, 244	3, 641	ALBANY	72		10, 514	2,405	2, 154		4, 093
only Residential building only Highway	305 140	51, 945 46, 243	1, 307 51, 945 45, 549 10, 281 2, 875 38, 242 16, 664	694	473 26, 347 2, 635 2, 401	302 8, 576 11, 568	234 9,325 17,218	Classification of establish-		12,010	10,014	4, 100	2, 104	u, out	-, 000
Grading	24 25	13, 310 3, 032	10, 281 2, 875	1571			3,577	ments General contractors	36	9, 094	8, 962	132	2, 073	2, 727	2, 403 1, 158
Street paying Sewer, gas, water, conduit	98 42	39, 346 17, 146	38, 242 16, 664	1, 104 482	3, 419 1, 014 209	10, 427 6, 169	13, 315 5, 294	Building Building not specialized	21 15	5,175 4,241	5,174 4,240	1 1	1, 981 1, 656 241	1,236 1,004	915
Dam and reservoir	6) 21) 32	13, 310 3, 032 39, 346 17, 146 2, 309 22, 728 28, 499	16, 664 2, 309 22, 717 28, 387 7, 821	11 112	1.345	6, 494	8,700	Commercial building only Residential building only Highway	333	574 360) 952			241 84 68	141 91 318	108 135 255
Railroad Foundation	32 12 8	28, 499 8, 169 1, 587	1.021	112 348	2, 272 716 658	7, 620 2, 738 275	5, 135 2, 387 174	Street paving Other classes <sup>6</sup>	3 6 6	952 1,325 1,642	1,325	131	24	369 803	200 575 415
See footnotes at and o			A, 0011-	i	000	210	T12 .1	A NEW CONDUCTION OF A STREET AND A STREET AND A STREET A	v	+, UI4()		-411		2007	

See footnotes at end of table.

#### TABLE 1.—VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE— Continued

[Values expressed in thousands of dollars] establish-VALUE OF CONSTRUC-TION BUSINESS establish-PRINCIPAL EXPENDI-TURES VALUE OF CONSTRUC-PRINCIPAL EXPENDI-TION BUSINESS TURES Under AREA, CLASSIFICATION OF ESTABιn, of Under AREA, CLASSIFICATION OF ESTAB-LISHMENTS, AND SIZE OF BUSI-NESS GROUPS of ment eneral general LISHMENTS, AND SIZE OF BUSI-NESS GROUPS Sub con-tract Sub-Under Under Cost of macon-tract Cost con-tract con-Wages Wages subsub-Total Total tract of ma-terials paid paid or diconor di-rectly con-tract ber ber work terials work let for for owner tract let Num Numl for owner ALBANY-Continued BUFFALO-Continued Classification of establish-ments-Continued Size of business groups-Continued General contractors—Con. Building contractors <sup>6</sup>...... \$25,000 to \$49,999..... \$100,000 to \$199,999..... \$200,000 to \$199,999..... \$200,000 to \$499,999..... \$200,000 to \$399,909..... \$000,000 and aver.... 3, 825 233 1, 375 847 1, 551 80 756  $2,273 \\153 \\620$ 1, 691 106 Subcontractors..... 36 1, 207 81 ubcontractors..... Electrical.... Heating and plumbing..... Plumbing.... Painting and decorating <sup>i</sup>... Noofing and sheet-motal work Marble and tillng... Other classes <sup>1</sup>... 25, 041 5, 559 4 15 64 27 25.068 10, 129 5,866 77 352 54 56 173 464 742 255 25564 92  $11 \\ 14 \\ 22$ 200 778 2,117 6,887 16 241 683 2, 162 794 2, 117 281 519 499 348 54 178 491 174 224 110 529 432 257 159 272 273 251 108 ---<u>-</u>2 6 6,895 1,852 1,953 1,607 4 3 4 344 593 138 206 96 6 4 3, 836 3, 833 3 886 693 11 407 582 244 250 \$1,000,000 and over\_\_\_\_\_ 11, 171 11, 171 5, 460 2,374 1, 995 ---Other classes 9 ..... 25 849 441 199 388 10, 432 166 22, 710 7.479 15, 237 665 6,080 1, 408 2, 257 2, 613 3, 159 2, 905 Size of business groups 2, 055 4, 083 4, 141 4, 150 4, 642 3, 644 787 1, 593 1, 593 1, 774 2, 281 2, 399 619 1, 229 1, 260 1, 248 649 55 57 30 15 7 17 68 1,8261,5282, 727 26 82 2, 403 31 111 560 General contractors 144 109 302 36 9,094 8,962 leneral contractors. \$25,000 to \$49,909. \$60,000 to \$49,909. \$100,000 to \$109,909. \$200,000 to \$409,009....... 132 2,073 80 347 80 347 1,846 991  $\frac{16}{95}$ 1, 737 1, 167 \$1,000,000 and over\_\_\_\_\_ 1, 846 4, 101 2, 720 353 375 1, 234 13 515 2, 896 559 12 3,969 2,720 132 1, 531 572 1, 267 435 \$500,000 to \$999,999 ----NEW YORK CITY\_\_\_\_\_ 2, 325 1,001,775 730, 819 270, 957 328, 924 233, 258 263, 226 Building contractors...... \$25,000 to \$49,909 \$50,000 to \$99,999 \$100,000 to \$199,909 \$200,000 to \$499,909 21 5, 174 1, 236 1, 158 5, 175 1 1.981 80 347 943 26 82 248 31 111 Classification of establish-80 16 95 347 943 5734 ments ..... 258 298 1,085 2,720 1,084 308 572 Operative builders 338 323 71 39, 792 39, 792 35, 964 1 879 724 \$500,000 to \$999,999 234 435 1. 7, 663 273, 310 119, 012 107, 011 999 252, 821 02, 480 49, 919 927 224, 535 55, 243 43, 633 72 10, 343 3, 712 3, 092 General contractors 609, 743 602, 080 706 86 3, 825 1, 551 81 207 1, 691 Building Building not specialized Commercial building only Manufacturing building 2, 273 416, 730 415, 731 367, 196 366, 269 20, 586 20, 514 545 210 201 580 699 244 13 493 249 136 330 8 10 564 191 38 208 98 1, 336 318 1, 018 77 only Residential building only. 803 381 630 423909 909 209 131 28, 039 3, 973 10, 058 28, 039 3, 452 7, 248 223 17, 562 184 2, 152 3, 003 1, 519 2, 527 104 3, 315 521 Highway\_\_\_\_\_\_ Bridge and culvert\_\_\_\_\_\_ 1,070 2,742 53 BUFFALO\_\_\_\_\_ 254 59,774 44,486 15, 288 12,448 14, 687 19, 389 2, 810 17 2, 527 42 7, 152 3, 670 7, 917 4, 804 2, 355 147 240 33 Classification of establish-22, 088 10, 838 20, 346 27, 120 21, 081 10, 439 20, 344 27, 043 2, 721 577 5, 534 3, 749 6, 017 7, 175 1, 007 399 36 18 12 ments General contractors <sup>5</sup>\_\_\_\_\_ Building not specialized <sup>6</sup>\_\_\_\_ Residential building only\_\_ Highway\_\_\_\_ Street paving\_\_\_\_\_ Sewer, gas, water, conduit\_\_\_\_ Other classes <sup>16</sup>\_\_\_\_\_ 857  $\frac{2}{77}$ 37, 057 25, 068 22, 525 37, 006 25, 041 22, 498 8,958 5,866 5,310 556 1,588 807 88 64 50  $11,783 \\ 10,129 \\ 8,741 \\ 1,388 \\ 010$ 8,607 5,559 5,273 286 1,038 2, 258 710 658 7, 175 2, 724 255 51 27 27 22 8, 095 1, 520 11 6 7,7471,520  $3\dot{4}\dot{8}$ 22, 020 2, 543 5, 831 2, 081 1, 471 2, 006 . . . . 2, 543 5, 831 2, 681 14 10 21, 569 21, 584 812 10 15 4.826 0,035 8, 221 6 3 82 733 10 60 140 238 522 1,471 1,983 688 589 310 386 ī 24 ings)\_\_\_\_\_ Other classes 18\_\_\_\_\_ 5, 295 23 66, 223 64, 75 1.466 21,016 19, 384 з 431 431 111 103 105 Subcontractors Carpentering and wood floor-166 22, 716 7.479 15, 237 6,080 10,432 665 Subcontractors Carpentering and wood floor-ing\_\_\_\_\_\_ Concreting , 548 352, 240 88, 946 263, 294 19, 650 113, 364 144, 591 608 12  $\frac{483}{225}$ 219 ā 2433, 130 7, 136 14, 235 13, 879 45, 209 23 79 1, 529 1, 913 3, 280 1, 442 1, 577 3, 140 1, 786 14, 788  $3,420 \\ 7,408 \\ 14,682$ 1, 395 12 15 48 63 72 10.140 7,000 3, 310 2, 760 6, 557 20 1, 781 2, 647 3, 530 19, 313 37, 361 21, 546 90, 523 , 786 , 788 , 798 17, 527 22, 573 19, 748 55, 663 1.529 809 56 916 927 Concreting\_\_\_\_\_\_ Electrical\_\_\_\_\_\_ Heating and plumbing\_\_\_\_\_ Heating and plumbing \_\_\_\_\_ Plumbing\_\_\_\_\_ Flumbing\_and heating com-bined 5 53 17 29 386 , 603 113 147 3,0281,314 14, 682 4, 554 23, 555 8, 077 602 13, 215 469 1 1, 798 34, 860 15, 667 572 4, 726 3, 326  $\frac{18}{482}$ 3, 034 3, 076 407 1,3141,3851,7201.691633 31, 683 2, 069 50, 506 16, 016 2, 069 33, 474 40, 209 14, 409 723 20, 884 59 831 113 6 294 75  $\frac{329}{246}$  $\frac{139}{275}$ 1, 286 448  $\frac{119}{243}$ 3 4 218 17,032 489 79 1, 470 66 4, 578 3, 108 -72 1, 198 2, 242 209 151 916 12 730 234496 2 265 4 27 14 27 748 442 382 599 252 603 666 1, 557 1,68716,531691 61 996 464 950 996 7, 409 10, 506 1, 865 20, 190 10, 000 3, 095 4, 875 2,306 1,139 9, 122 2, 963 282 2, 128 4, 006 2, 863 447 6, 295 2, 735 1, 037 4, 238 5, 280 2, 180 1, 995 445 424 4 1, 752  $\frac{41}{25}$ 60 7.100 147 18 67 116 10,03113,469 2,147 22,318 6, 514 448 12, 907 697 465 6 463 104 359 139 158 ... 703 2,475 740 411 291 358 750 202 830 501 209 658 293 14, 006 5, 958 5, 322  $\frac{16}{38}$ 3, 742 1, 427 1, 570 718 1, 304 298 18 147 125 213 327 1,645 39 44 255 153 51 72 78334 60 169 54 119 176 242 237 12 2, 726 19, 280 7, 208 25, 819 1, 201 10, 759 2,030 16,686 5,743 22,753 83 46 34 122 12 26 84 3 3 696 178 745 1,105 83 2, 594 1, 465 3, 066 423 845 417 3, 508 2, 284 8, 654 11, 579 2, 376 11, 032 239 Steel erection Stonework Marble and tilling Wrecking Ornamental Iron Highway and grading Sound proofing Foundation Metal work, n. e. s. Flooring, n. e. s. Cher classes <sup>10</sup> 574 265 208 Size of business groups 1, 201 10, 759 15, 034 857 581 19, 665 1, 160 10, 529 13, 850 784 507 41 230 11 908 , 367 820 38 4, 243 2, 292 General contractors 5\_\_\_\_\_ 908 7, 620 298 302 5, 208 861 975 8, 607 183 226 521 8, 958 291 346 841 37,057 88 37,006 1, 184 
 Heneral CONTRACTORS

 \$25,000 to \$49,999

 \$50,000 to \$49,999

 \$100,000 to \$199,999

 \$200,000 to \$499,999

 \$200,000 to \$499,999

 \$500,000 to \$499,999

 \$500,000 to \$499,999
 851 993 2, 598 8, 378 7, 272 851 1,033 2,598 8,386 7,275 11 73 74 4, 577 441 297 21514 17 27 ð 3, 690 166 663 1, 979 2, 191 6, 588 10 11 11 3 15, 088 1, 157 2, 042 5, 787 812 1, 935 2, 098 3, 650 2, 693 1, 658 8, 128 8 1, 598 81 64 10 12 7 275 739 \$1,000,000 and over\_\_\_\_\_ 16, 915 16, 915 544 29 514 68 193

See footnotes at end of table.

ana an ann anns. An an anns anns an an an

# TABLE 1.-VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE-Continued

[Values expressed in thousands of dollars]

	establish-		OF CONS BUSINI		PRINC	IPAL EX TURES			establish-	VALUE TION	OF CONS BUSINE		PRINCI	PAL EXI TURES	PENDI-
AREA, CLASSIFICATION OF ESTAB- LISEMENTS, AND SIZE OF BUSI- NESS GROUPS	Number of estiments	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of ma- terials	AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Number of est ments	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of ma- terials
NEW YORK CITY-Contd.								BRONX BOROUGH-Contd.							
Size of business groups           Gameral contractors 5           \$25,000 to \$49,999           \$50,000 to \$49,999           \$100,000 to \$199,999           \$200,000 to \$499,999           \$100,000 to \$499,999           \$100,000 to \$499,999           \$100,000 to \$499,999           \$100,000 and over           Building contractors 5           \$50,000 to \$49,999	81 124 167 163 108 134 616 75	2, 862 7, 987	3,039 8,794 23,307 51,519 77,752 477,464 455,523 2,828 7,730	34 272 230 426 430 6, 269 990 34 257	1,096 3,734 9,973 23,208 39,268 231,995 288,785 1,051	4,746 9,871 13,629 89,351 63,359 555	689 1,745 3,062 9,224 12,624 80,391 50,643 646 1,442	Size of business groups— Continued           Subcontractors	67 49 43 2	30, 256 1, 004 4, 705 6, 585 12, 971 1, 244 2, 787	407 707 682	5,903 10,821 1,244	1, 574 43 128 388 1, 015	543 1,418 1,987	787 1, 873 2, 936
\$50,000 to \$99,009 \$100,000 to \$199,099 \$200,000 to \$499,099 \$500,000 to \$999.999	126	19.555	19, 368 38, 967 59, 756	187 118 109	37, 539	6, 209 8, 444	4,962	BROOKLYN BOROUGH Classification of establish-	453	85,403	57,815	27, 588	22, 042	18,876	28, 207
\$500,000 to \$999,999 \$1,000,000 and over Subcontractors	1 540	327,168	326, 874	294	215,049	43, 358 113, 364	33, 251 144, 591	ments		d 100	e 100		# 700	20	120
\$110contractors \$25,000 to \$49,909 \$100,000 to \$199,909 \$200,000 to \$199,909 \$200,000 to \$409,909 \$500,000 to \$909,909 \$1,000,000 and over	403 421 295 236 76	352, 240 16, 974 30, 268 42, 130 72, 125 51, 453 139, 288	11, 103 20, 518 12, 872	31, 027 51, 607 38, 581	1,872 4,281 1.872	9,747	11, 525 16, 584 27, 031 19, 996	Operative builders General contractors Building Building not specialized Commercial building only Residential building only	105 79 46 11 22	27, 444 22, 479 1, 306 3, 599	37, 743 27, 261 22, 336 1, 326 3, 599	529 183 143 40	13, 651 10, 981 694 1, 976	8, 240 5, 089 4, 479 222 389	7, 890 4, 441 3, 613 278 549
BRONX BOROUGH Classification of establish-	274	54, 334	27, 918	26,416	11,746	13, 538	16, 723	Street paving Sewer, gas, water, conduit Drodging, river, harbor, etc. Railroad <sup>10</sup> Other classes <sup>20</sup>	853	4, 225 2, 208 386	3, 879 2, 208 380		75 7	820 148	1,061
<i>ments</i> Operative builders	. 6	4, 039	4, 039		3, 723					415			426 4	130	118
General contractors Building_not specialized Commercial building only Residential building only Street paving and highway Sewer, gas, water, conduit Foundation Other classes <sup>18</sup>	32 20 4 8	5, 639 683	8, 204 5, 532 683 1, 989 3, 377 1, 078 586	106 106	5, 258	915 716 112 87 997 412 220	1, 059 954 51 55 889 340 118	Subcontractors Carpentering and wood floor- ing Concreting Electrical Elevator construction Heating and plumbing Fleating and plumbing Plumbing	0 3 13 122 35	4,388	13, 890 180 44 965 6 7, 807 3, 202 4, 018	760 237 465 4 382	34 2 6 29 437 100	367 127 446 714 2,978 740	310 67 593 3, 209 7, 549 2, 226
Subcontractors Carpentering and wood floor- ing Concreting Electrical Heating and plumbing Heating and plumbing	218 19 6 9 49	30, 256 2, 449 707 876		26, 310 1, 137 502 830 3, 962		9, 064 953 280 272	12,932 814 201 300	Plumbing Plumbing_ and heating combined Masoury Painting and decorating Plostering and lathing Roofing and sheet-metal work, Roofing	14 22 6 36 10	978 1, 154 1, 275 1, 173 3, 918 646	527 505 600 358 610	451 649 675 815 3, 309 421	. 51	538 599 767 1,120 203	462 417 277 217 1, 727 242 969
Plumbing Plumbing and heating com- bined Masonry Painting and decorating Plastering and lathing Roofing and sheet metal work	- 32 - 8 - 14 - 6 - 8 - 23	3, 096 520 3, 138 335 511	609 2 365 109 51 402	2, 397 518 2, 773 226 400 2, 279	42 1 60 3 45 274 30	666 154 1, 437 147 199 695	225 1, 266 118 161 1, 050	Sheet-metal work Roofing and sheet metal combined Stonework Marble and tiling Excavating Ornamental iron	17     11     34     4     4	2, 200 1, 073 2, 023 2, 144 4, 384 310 2, 851	277 578 838 1, 010 357	796 1,445 1,306 3,374 310 2,404	6 164 608 82 	303 405 385 1,422 106 471	516 1, 055 717
Roofing Sheet metal work Roofing and sheet metal	. 10	1, 477	266	1, 211	142	433	529	Ornamental iron Metal work, n. e. s Other classes <sup>21</sup>	3 4	667 223		667 190	69 	111 61	62
combined		7734,1021,5914,0881,828569	52 45 322 90	728 4,102 1,591 3,766 1,737 569	102 15 108 143 163 65 	264 165 1, 514 721 805	757 316 1, 636 108 1, 873 1, 244 248	Size of business groups           General contractors <sup>1</sup> \$25,000 to \$40,999           \$50,000 to \$409,909           \$200,000 to \$109,909           \$200,000 to \$499,909           \$400,000 to \$499,909           \$400,000 to \$499,909           \$400,000 to \$499,909           \$100,000 to \$409,909	128 18 20 35 27 10 9	44, 454 092 2, 146 4, 777 8, 549 7, 366 20, 925	43, 925 692 2, 097 4, 643 8, 549 7, 366 20, 579	529 49 134 	20, 303 246 1, 054 2, 489 4, 736 3, 228 8, 550	$107 \\ 313 \\ 737 \\ 1,256 \\ 1,527 \end{cases}$	8, 035 176 383 733 1, 326 1, 411 4, 006
Size of business groups General contractors 5 	. 8 7 13 14 9	328 559 1, 980 4, 776 6, 212	324 559 1, 980 4, 674 6, 212	4 	186 277 698	46 109 558 1,070 455	566 1,905	Building contractors 4 \$25,000 to \$49,999 \$50,000 to \$49,909 \$100,000 to \$199,909 \$200,000 to \$499,909 \$000,000 to \$499,999 \$1,000,000 and over	24 28 22 7 6	33, 626 583 1, 742 3, 898 6, 948 4, 997 15, 458	e 1	183 49 134	19, 434 246 1, 043 2, 397 4, 543 3, 049 8, 156	179 467 762 779 2,858	1.11.27.4
Building contractors *	38 7 6 7 8 8	12, 350 281 481 1, 092 2, 373 5, 660 2, 462	12, 248 277 481 1, 092 2, 271 5, 660	106 4	4, 428	305	1, 059 38 98 112 181 441 190	Subcontractors	325 113 104 67 29 9 3	40, 949 4, 054 7, 525 9, 467 8, 398 5, 823 5, 682	13, 890 1, 569 2, 743 3, 468 4, 591 1, 519	3, 807	1, 739 104 153 847 804 302 29	1, 107 2, 264 2, 659 1, 809 1, 664	$1, 613 \\ 3, 182 \\ 4, 267 \\ 4, 211$

See footnotes at end of table.

# TABLE 1.-VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE-Continued

										<u></u>					
	establish-		OF CON		PRINC	IPAL EX TURES	PENDI-		establish-		OF CON N BUSIN		PRINC	IPAL EX TURES	PENDI-
AREA, CLASSIFICATION OF ESTAB- LISHMENNS, AND SIZE OF BUSI- NESS GROUPS	<u>5</u>	Total	Under general con- tract or di- rectly for owner		Sub- con- traet work let	Wages paid	Cost of ma- terials	AREA, CLASSIFICATION OF ESTAB- LISH MENTS, AND SIZE OF BUSI- NESS GROUPS	Number of est ments	Total	Under general con- tract or di- rectly for owner		Sub- con- tract work lot	Wages paid	Cost of ma- terials
MANHATTAN BOR- OUGH	1,993	700.000	005 400	100.00	000 000	104 000	100 574	QUEENS BOROUGH	228	63, 328	33, 483	29, 895	10, 497	15, 351	22, 884
Classification of establish-		182, 200	605, 428	186, 807	200, 808		183, 574	Classification of establish- ments							
ments Operative builders	31	25, 709	25,79		23, 096	680	533	Operative builders	10	3, 813			3, 313	94	53
General contractors. Building. Building not specialized. Commercial building only. Residential building only. Highway and grading. Bridge and culvert.	462 380 252 74 54 4	524, 285 372, 226 334, 600 17, 279 20, 347 2, 471 9, 652	517, 471 371, 584 333, 990 17, 247 20, 347	6, 813 642 610 32	247, 036 230, 317 208, 317 8, 937 13, 063 203	99, 532 55, 022 49, 292 3, 141 2, 590 516	88, 911 42, 296 37, 971 2, 399 1, 926 968	General contractors Building Building not specialized Commercial building only. Residential building only. Highway Street paving Sewer, gas, water, conduit Subway (other than build	$     \begin{array}{r}       63 \\       43 \\       20 \\       9 \\       14 \\       4 \\       5 \\       4     \end{array} $	$21, 321 \\7, 423 \\4, 474 \\1, 257 \\1, 692 \\1, 474 \\1, 750 \\2, 006 $	7,355 4,406 1,257	68 68  80	2,974 1,885 399 690 14 235	1.282	5, 742 1, 788 999 363 425 576 570 802
Street paving Sewer, gas, water, conduit Waterworks Dredging, river, harbor, etc	10	10,806 5,546 19,663	1, 933 6, 842 10, 233 5, 188 19, 663 24, 817	573 358	1, 627 332 849	2,681 2,081 5,812	$3,365 \\ 1,476 \\ 7,664$	Subway (other than build- ings) Other classes <sup>24</sup>	3 4	7, 463 1, 205	7, 463 1, 198	8	672 554	2, 814 129	1, 894 114
Dredging, river, harbor, etc. Railroad Central station, light and	14 8	19, 663 24, 880 7, 072	24,817 6,724	63 348	2, 248 679	6, 572 2, 265	4,678	Subcontractors Carpentering and wood floor-	155	38, 194	8, 496	1 1	· · · · · ·	9, 657	17, 039
power plant	8 17 4	21, 415 49, 955 598	48, 489 508	1, 486	174	92	15, 557 125	Concreting Electrical Heating and plumbing Heating and plumbing	12 5 55 11	1, 983 1, 148 5, 423 9, 861 2, 107	1,818 3,681 1,819	6, 181 289	831 114 12	403 484 1, 891 2, 104 886	680 453 1, 976 5, 611 1, 315
Subcontractors Oarpentering and wood floor- ing	í I	242, 236 4, 769		179, 994 3, 973	13, 736 485			Plumbing Plumbing and heating com- bined	35 9	6, 849 905	127	778	101 1	1, 500 218	3, 656 541
ing Concreting Electrical. Heating and plumbing Heating and plumbing Plumbing Plumbing Plumbing and heating combined Automatic sprinkler sys-	$\begin{array}{c} 42 \\ 116 \\ 14 \\ 248 \\ 61 \\ 3 \\ 150 \\ 31 \\ \end{array}$	17, 177 29, 549 15, 570 61, 632 24, 489	1,358 11,915 1,792 22,247 10,493 10,464 600	15, 819 17, 634 13, 778 39, 386 13, 997 1, 953 21, 147 1, 292	897 90 543 3, 905 3, 004 1 831 831	6, 517 12, 056 3, 530 17, 319 6, 780 565 9, 015	6, 355 11, 236 9, 511 29, 385 10, 436 073 16, 458 869	Masonry Plastering and lathing Roofing and shoet-metal work. Sheet-metal work Stoel erection Marble and tiling Excavating Ornamental fron Highway and grading Motal work, n. e. s.	4 5 14 7 7 6	535 1,008 1,470 785 685 1,680 1,341 5,407 716 5,472 857	330 424 160 127 33 195  286	205 584 1,310 658 052 1,485 1,341	103 81 39 42 175 78 145 15 480 38	207 536 489 249 240 229 554 1,441 249 557 215	246 203 581 343 238 731 207 2, 587 2, 932 298
tems. Masonry. Painting and decorating Glass and glazing. Plasteriug and lathing. Roofing and sheet-metal work. Roofing. Sheet-metal work.	28 119 12 48 43 16 14	11,704	7,922 2,255 129 1,298	3,782 9,604 1,328 18,328 3,101	61 381 370 4 1, 534 263 131 75	4, 918 5, 767 308	3.657 I	Size of business groups	72	610 682 25, 134 188	270  24, 937 188	340 682 197 76	7, 913 35 384	5, 694 245	329 244 5, 795 58 339
Roofing and sheet metal combined Steel erection Stonework Marble and tilling	13 13 12 47 10	805 14, 054 2, 951 11, 891 1, 094	584	430 12,288 2,367 10,122 1,072	57 69 51 47 11	263 2, 610 1, 180 4, 264 737	250 9,037 1,077 4,937	\$25,000 to \$49,999 \$50,000 to \$99,999. \$100,000 to \$199,999. \$200,000 to \$499,999. \$200,000 to \$499,999. \$1,000,000 at \$999,999 \$1,000,000 at \$999,99	19 20 9 4	1, 233 2, 734 6, 484 5, 912 8, 584	6, 484 5, 832		970 3, 307 2, 440 777	554 792 983 3, 669	492
Stonework Marble and tiling Wreaking Ornamental iron Soundproofing Flooring, n. e. S Other classes <sup>13</sup>	10 11 27 3 7 5 3	8, 141 2, 623 581	510 74		1, 189 192 5	3, 167 460 188	302 5,198	\$500,000 to \$999,999	15 4	11, 236 188 996 2, 398 4, 817 2, 837	2, 398 4, 817 2, 837	68 	6, 287 35 366 952 3, 202 1, 732	1, 376 51 159 430 353 374	1, 840 58 270 446 663 403
Size of business groups           General contractors <sup>4</sup>	779	549, 994 1, 678 4, 699 12, 892 30, 649 57, 660 442, 415	1, 648 4, 559 12, 807 30, 325 57, 310 436, 531	30 140 85 324 350 5,884	270, 132 544 1, 879 5, 573 13, 240 28, 884 220, 012		369	Subcontractors \$25,000 to \$49,999 \$50,000 to \$99,999 \$200,000 to \$499,999 \$200,000 to \$499,999 \$500,000 to \$409,999 \$500,000 to \$099,899 \$1,000,000 and over	155 38 36 34 33 8 6	38, 194 1, 414 2, 681 5, 083 9, 274 5, 155 14, 587	8, 496 344 653 1, 156 2, 868 593 2, 883	29, 698 1, 070 2, 028 3, 927 6, 406 4, 562 11, 704	$2,584 \\ 13 \\ 52 \\ 276 \\ 651 \\ 231 \\ 1,361$	9, 657 396 784 1, 507 2, 478 1, 398 3, 095	17, 039 611 1, 095 2, 268 3, 931 2, 216 6, 918
Building contractors 3	411	897, 935 1, 651 4, 569	397, 293 1, 621	642	258, 418	55,708	42, 828 365	RICHMOND BOROUGH.	37	6, 481	6, 230	251	771	1, 401	1, 888
\$00,000 to \$99,909 \$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 to \$999,999 \$1,000,000 and over	82 81 65 75	11,058 24,847 45,964 309 246	$     \begin{array}{r}       11, 605 \\       24, 831 \\       45, 855 \\       308 952     \end{array} $	140 53 16 109 294	1,875 5,310 12,714 28,059 204,911	889 2, 336 4, 788 6, 916 40, 395	30.926 1	Classification of establish- ments General contractors <sup>5</sup> Building	27 12	5, 875 1, 375 962	5, 857 1, 875	18	754 670	1, 245 171	1, 570 335 228
Subcontractors	840 252 210 144 131 57 46	242, 236 9, 334 15, 069 20, 882 41, 480 39, 229 116, 243	62, 242 3, 730 4, 820 5, 685 10, 910 10, 758 26, 340	179, 994 5, 604 10, 249 15, 197 30, 570 28, 471 89, 903	13, 736 164 465 861 1, 811 1, 339 9, 096	83, 871 3, 187 5, 212 7, 655 13, 300 16, 022 36, 495	94, 131 2, 994 5, 220 7, 065 14, 944 14, 009 49, 888	Building. Building not specialized <sup>5</sup> . Residential building only. Street paving. Dredging, river, harbor, etc. Other classes <sup>28</sup> . Subcontractors <sup>21</sup> .	6 6 4 5 10	962 412 2, 111 1, 771 619 605	962 412 2, 102 1, 764 617 372	 9	471 199 15 69 17	114 57 466 423 185 156	107 992 46 198

[Value expressed in thousands of dollars]

See footnotes at end of table.

à

#### TABLE 1.—VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE— Continued

[Values expressed in thousands of dollars]

	establish-		OF CONS I BUSINI		PRINCI	PAL EX TURES	PENDI-		establish-	VALUE TION	OF CONS BUSINI			PAL EXI TURES	'ENDI-
AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Number of esta ments	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages] paid	Cost of ma- terials	AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Number of esti ments	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of ma- terials
RICHMOND BOROUGH- Continued								SYRACUSE	99	17, 317	12, 696	4, 622	2, 709	4, 522	6, 146
Size of business groups								Classification of establish- ments							
General contractors <sup>8</sup>	6 9 4	5, 875 187 429 1, 154 1, 384 1, 131 1, 590	187 422 1,143 1,384 1,131	7 11	754 85 140 243 15 271	1, 245 20 98 253 381 130 363	45 90 372 578 480	General contractors. Building. Highway. Street paving. Sewer, cas, water, conduit Other classes <sup>20</sup>	6 4 4	1, 814 1, 182 1, 152 923	5, 692 1, 792 1, 182 1, 141 909	22  11 14	2, 568 1, 923 156 83 408	2, 764 1, 398 483 306 399 172	572 575 287 114
Bullding contractors <sup>8</sup> \$25,000 to \$49,909 \$50,000 to \$49,909 \$100,000 to \$199,090 \$200,000 to \$499,909 \$500,000 to \$099,909	12 4 3 4	510	159 199 510		670 85 124 190 271	18	41 35 151	Subcontractors Concreting and masonry Electrical. Heating and plumbing Plumbing Plumbing and heating com	- 3 6 - 28 - 8	2,052	141 464	$\begin{array}{ccc} 476\\ 1,281\\ 3&216\\ 1&779\end{array}$	9 24 13 1	218 410 61 246	844 1, 107 192 677
Subcontractors	4	208 287 111	372 80 182 111	128 105	11	48 69 44	122 146	bined Roofing Sheet metal work Steel crection Marble, tiling, and plastering Ornamental iron <sup>81</sup>		1, 094 771 823 685 1, 077 532	622 622 184	3 471 3 148 323 685 1 893 532	12 9 3 	824 228 97 97 473 103	455 276 180 361 296 301
ROCHESTER	140	28, 227	24, 284	3, 993	4, 406	0, 209	10,107	Other classes 32 Size of business groups		240	51	5 191		87	80
Classification of establish- ments								General contractors. \$25,000 to \$49,999	- 86	10, 768	10, 716 38	51	2, 568	2, 764	
General contractors Building Residential building only Highway Street paving Other classes <sup>28</sup>	.  39   32   7   6	14,577 13,919 658 1,868 3,014	14, 488 13, 830 658 1, 868 2, 993	88 88	4, 026 3, 811 215 48 9	4, 126 4, 021 104 648 1, 011	4, 544 4, 323 222 636 1, 079	\$60,000 to \$90,099 \$100,000 to \$109,999 \$200,000 to \$409,990 \$500,000 to \$909,999 \$1,000,000 and over		536 1,177 5,215	507 1, 177 5, 193 2, 402 1, 398	29	233 802 998 488	169 324 1, 371 519 363	200 307 1,741 513 387
	1	407 8, 361			23 300	1		Building contractors \$50,000 to \$99,999 \$100,000 to \$190,999	- 4	310 699	300 699	4	1, 923 41 177	73	138 217
Subcontractors Carpentering and wood floor- ing Electrical	-) 4	382 1,610	218 813			95 464	827	\$200,000 to \$490,009 \$500,000 to \$099,999 \$1,000,000 and over	. 7	2, 215 1, 073 1, 398	2, 218 1, 078 1, 399	3	749 468 488	281	246
Heating and plumbing Heating and pipe covering.	27	3, 251 1, 491	1,857	1,394 605	40	819 354 294	706	Subcontractors	63	6.551	1,980	4, 571	141	1 - 1 <sup>11</sup> -	2,997
Plumbing Plumbing and heating com- bined Masonry Painting and decorating Roofing and sheet-metal work		539 490 313	343 275 63	196 215 250 476	19 45 21	171 154 171 288	200 188 62 411	\$25,000 to \$49,999 \$60,000 to \$99,999 \$100,000 to \$199,999 \$200,000 to \$499,990 \$200,000 to \$499,999 \$500,000 to \$499,999	.  9	1,132 2,697	430 400 188 733 232	572 947 1,984	22 15 96	319 247	422 563 1,149
Roofing Sheet-metal work Steel erection <sup>11</sup>	8	985 385 599 427	208 211 230	87 889 191	11	197	251	UTICA	50	8, 564	7, 441	1, 124		2, 817	8,787
Marble, tiling, and plaster- ing Other classes <sup>29</sup>		767 136				216 32	303 55	Classification of establish- ments		y st					
Size of business groups								General contractors Building Street paving and highway	23 18 5	5, 883 2, 983	5,800	74 74	651	823	
General contractors \$25,000 to \$40,090 \$50,000 to \$490,909 \$100,000 to \$109,090 \$200,000 to \$499,999 \$500,000 to \$499,990		245 923 1,860 4,643	II 85f	67 22 15	50 200	73 269 517 1.399	656 1,437	Subcontractors Electrical Heating and plumbing Heating and piping	27 3 10 4	2,681 580 1,156	1,632 518	1,049 62 241	9	595	1,454 367 659
\$1,000,000 and over	- 5	8,300	8,300		2, 276		2, 573	Plumbing and heating com- bined Roofing	_ 6	840 226	118 34	192		39	115
Building contractors \$25,000 to \$49,909 \$50,000 to \$49,909 \$100,000 to \$499,909 \$200,000 to \$499,909 \$500,000 to \$399,909		202 824 1, 323 1, 869 2, 058	202 757 1,307 1,860 2,053	67	50 200 275 563	56 242 319 430 308	54 234 494 583 607	Roofing Steel erection <sup>38</sup> Other classes <sup>84</sup> Size of business groups General contractors	1.1		60 99 5, 809	188	659	93 106 1,722 30	71
\$1,000,000 and over Subcontractors	83 31 26 14 12	8, 361 1, 172 1, 764 1, 918 3, 507	4, 477 711 833 796	3, 884 461 931 1, 122	300 35 26 109	2, 343 346 589 560	3, 815 472 703 851	\$25,000 to \$49,999 \$50,000 to \$199,999 \$100,000 to \$199,999 \$200,000 to \$499,999 \$500,000 to \$999,999	- 3 - 8 - 3 - 6	123 533 392	118 464 392 2, 131 1, 529	60 	25 66 48 268 252	179 154 578	202 123 945 401

See footnotes at end of table.

#### TABLE 1 .- VALUE OF CONSTRUCTION BUSINESS DURING 1929, AND PRINCIPAL ITEMS OF EXPENDITURE ... Continued

[Values expressed in t	thousands of dollars]
------------------------	-----------------------

	stablish-		OF CONS N BUSINI		PRINC	IFAL EX TURES			establish-		OF CONS N BUSINI		PRINCI	IPAL EXI TURES	PENDI-
AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Number of est ments	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of ma- terials	AREA, CLASSIFICATION OF ESTAB- LISHMENTS, AND SIZE OF BUSI- NESS GROUPS	Number of est ments	Total	Under general con- tract or di- rectly for owner	Under sub- con- tract	Sub- con- tract work let	Wages paid	Cost of ma torials
UTICA-Continued								YONKERS-Continued			i				
Size of business groups- Continued								Classification of establish- ments-Continued			- 				
General contractors—Contd. Building contractors		2, 983 82 533 392 1, 286 690	77 464 392 1,286	5 69	651 25 60 48 260 252	179 154 841	29 202 123 522	Subcontractors—Continued. Roofing and sheet-metal work Roofing. Sheet-metal work. Steel erection Stonework and concreting Excavating. Other classes <sup>34</sup>	5 4 3 3	501 312 190 323 642 202 754	105 23 20 63 30	167 303 579 172	8 2 95 2	79 51 33	111 82 113 296 58
Subcontractors	9	2, 681 287 705 590 1, 099	71 372 91	216 333 499	30 5 20	80 229	94 294 318	Size of business groups           General contractors *           \$25,000 to \$40,909           \$50,000 to \$40,909           \$100,000 to \$109,909           \$200,000 to \$409,909           \$500,000 to \$409,909	96		4, 529 358 454	24		1, 112 81 114	1, 110 92 142
YONKERS	64	8,453	5, 960	2, 493	1, 723	2, 228	2, 730	\$200,000 to \$199,999 \$200,000 to \$499,999 \$500,000 to \$999,999	33	884 2, 264	884		340	218	162
Classification of establish- ments General contractors <sup>k</sup> Building not specialized <sup>k</sup> Residential building only Other classes <sup>33</sup> Subcontractors Heating and plumbing Heating and plumbing	21 11 10 5 38 10	744 1, 187 3, 901 1, 341	3, 356 2, 612 744 1, 172 1, 432 735	9 9 15 2, 469 606	1,451 1,253 198 82 190 77	750 545 205 363 1, 111 388	729 488 241 381 1, 620 650	Building contractors 5 \$25,000 to \$49,999. \$50,000 to \$49,999. \$100,000 to \$499,999. \$200,000 to \$499,999. \$500,000 to \$499,999. Subcontractors. \$25,000 to \$49,999. \$100,000 to \$49,999. \$100,000 to \$49,999.	21 8 6 2 3 2 38	3, 365 318 374 288 884 1, 501 3, 901 425 722	3, 356 318 365 288 884 1, 501 1, 432 141 182	9  2, 469 284 540		68 96 218 321 1, 111 138 208	72 122 84 162 289 1, 620 146 248
Plumbing Painting, decorating, glazing	733	142	71	71		51 51		\$200,000 to \$499,999	4	1, 298					535

 Painting, decorating, glasfig
 3
 158
 65
 72
 53

 <sup>1</sup> Includes Allegany; Cortland; Hamilton; Lewis; Madison; Schuyler; Seneca; Sullivan; and Yates, for which data can not be shown without revealing individual opera-tions. From areas other than those listed no reports were received from stabilishments which handled as much as \$25,000 business during 1929.

 <sup>2</sup> Figures are included: in respective gas, wate; conduit; waterworks; dredging, river, harbor, etc.; and rental of equipment, trucking, etc.

 <sup>4</sup> Includes bridget and ulveri; sawer, gas, water, conduit; dredging, river, harbor, etc.; and central station, light, and power plant.

 <sup>4</sup> Includes concreting, stell erection, and grading.

 <sup>6</sup> Includes bridget and culvert; dredging, river, harbor, etc.; and central station, light and power plant.

 <sup>6</sup> Includes bridget and culvert; dredging, river, harbor, etc.; and central station, light and power plant.

 <sup>6</sup> Includes bridget and culvert; dredging, river, harbor, etc., relifored; and central station, light and power plant.

 <sup>6</sup> Includes bridget and culvert; and subway (other than building).

 <sup>6</sup> Includes disting; and culvert; and subway (other than building).

 <sup>6</sup> Includes disting; and condation.

 <sup>6</sup> Includes disting; river, harbor, etc.; and redio tower, etc.

 <sup>6</sup> Includes disting and culvert; and subway (other than building).

 <sup>6</sup> Includes disting; and to foundation.

 <sup>6</sup> Includes disting and culvert; and subway (other than building).

# TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNERSHIP AND BY TYPE OF WORK

											<u> </u>		
		CONSTRUCTI	on bu	SINESS REP	ORTEI	) BY	×	CONSTRUCTION BUSINESS REPORTED BY-					
CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK		classes of blishments	tr	neral con- ractors 1	Subcontractors		CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	estal	classes of olishments	General con- tractors <sup>1</sup>		Subcontractors	
	Number reporting	Value	Number reporting	Value	Number reporting	Value		Number reporting	Value	Number reporting	Value	Number reporting	Value
NEW YORK		Dollars		Dollars		Dollars	NEW YORK-Continued						1.4
All construction business Distribution not reported	4, 372 367	1,323,724,150 62,317,264	1, 823 72	879, 766, 779 13, 002, 321	2, 549 295	443, 957, 371 49, 314, 943	All business under subcon- tract—Continued. Distributed by class—Con.		Dollars		Dollars		Dollars
Distributed by class of own- ership Private	4, 005 3, 650	1,261,406,886 888,027,277	1,751 1,466	866, 764, 458 555, 847, 437	2, 254 2, 184	394, 642, 428 332, 179, 840	Heating and plumbing Heating and piping Pipe covering	$\frac{317}{56}$	70, 219, 450 19, 471, 010 2, 540, 078	1	(2) (2) (2)	316 55	(2) (2) (2)
Quasi public or communi-	764 1,262	63, 585, 197 309, 794, 412	1 1	42, 883, 214 268, 033, 807			Plumbing Plumbing and heating combined	395 114	37, 880, 077 7, 847, 545			305 114	37, 880, 07 7, 847, 54
Public Distribution not re- ported	1, 202	14, 592, 111	51		70		Automatic temperature control	3	844,066			3	7, 847, 09 844, 06
Distributed by class of public ownership Federal	1, 141	295, 202, 301	588	257, 812, 414	. 553	37, 389, 887	Automatic sprinkler sys- tem	8 108	1,636,680 8,479,123	23	610,720	8 85	1,636,68 7,868,39
State County or township.	385 377	15,048,001 71,303,024 35,682,158 173,168,518	45 195 181	30,029,055	190 196	2,494,073 10,453,056 5,053,103	Glass and glazing	174 36 21	13, 662, 952 2, 725, 211 2, 468, 345 22, 318, 279	2 2 1	233, 827	$   \begin{bmatrix}     172 \\     34 \\     20   \end{bmatrix} $	18, 622, 68
Municipal All business under general con-	758			154, 379, 763	394	18,788,755	Flooring, n. e. s. Plastering and lathing Roofing and sheet-metal work	101	22, 318, 270 17, 635, 035 5, 800, 850		40.292	89	22, 213, 58 17, 594, 74
tract or directly for owners Distribution not reported	2, 914 34	14, 883, 609	19	10,890,764	15	122, 658, 905 3, 992, 935	Work Roofing Roofing and sheet metal combined Steel erection Stonowork Marble and tiling Warble and tiling	135 187	8, 353, 352	3	} 40, 292	$\left\{ egin{array}{c} 133 \\ 184 \end{array}  ight.$	}14, 119, 01
Distributed by class Building Distribution not re-	2, 880 2, 480	978, 214, 105 715, 234, 135	$1,804 \\ 1,429$	859, 548, 135 604, 451, 572	1, 076 1, 051	118,665,970 110,782,563	combined Steel erection	46 88 44	3, 474, 833 21, 062, 725 7, 250, 127 25, 395, 715 1, 394, 710 7, 487, 241 14, 425, 744 1, 344, 718 145, 672	2	(2)	40 86 ( 42	3, 474, 83 (²)
ported	179	29, 597, 534		18,744,282		10,853,252	Marble and tiling Wrecking.	161 27 92	25, 395, 715 1, 394, 710	2 2 30	} 13,021 4,279 1,220,818	24	32, 638, 82
Commercial Educational	$2,301 \\ 1,004 \\ 464$	685, 636, 601 205, 235, 085 73, 263, 011 33, 701, 477	1, 337 596 236	585, 707, 290 187, 464, 937 64, 776, 493 31, 142, 603	408 228 94	17,770,148	Wrecking Excavating Ornamental iron Highway	100 12	14, 425, 744 1, 344, 718	7		100 5 [ 1	6, 266, 4 14, 425, 7 782, 50
Hotel Hospital and institu- tional	157 345	41, 960, 858	162	31, 142, 603 38, 038, 521 39, 081, 707		3,922,337	Highway Bridge and culvert Railroad Grading	100 12 2 1 9	203, 881	$\frac{1}{3}$	132, 175	{ā	229, 38
Manufacturing Military and naval Public: Courts, jails,	333 41	49, 267, 303 2, 475, 163	142 20	39, 081, 707 2, 132, 744	191 21	10, 185, 596 342, 419	Grading Street paving Sewer, gas, water, conduit. Dam and reservoir	5 11 2	033, 424 676, 062 63, 540	$\begin{cases} 3 \\ 6 \\ 1 \\ 2 \end{cases}$	(2) 419, 510	2 5 ( 1	256, 55
etc Religious and memo-	160 360	9, 713, 716 21, 001, 304	81 183	8,690,951	79 177		Dredging, river harbor,	2 3 7	492, 353	12 0	104,024	$\left\{ \begin{array}{c} 1\\ 1 \end{array} \right.$	451,26
rial Residential Social and recreational	1,600 220 39	200, 548, 427 19, 962, 479 1, 905, 292	122	157,087,871 17,835,134	722 98 21	$\substack{1,959,140\\43,460,556\\2,127,345\\125,263}$	etc Soundproofing Foundation	4 19 14	308, 131 16, 427, 753 1, 264, 592	5	816, 179	4	308, 13 15, 611, 57 1, 264, 59
Air transport Rail and water trans- portation Miscellaneous	47	5, 839, 410 20, 763, 076	18 26	5, 589, 510 13, 044, 632		249,900	Foundation Motal work, n. e. s Rental of equipment, trucking, etc Miscellaneous, n. e. s	11	306,907	4	29, 595	777	277, 31 29, 32
Highway and street Water power development.	387 308 9	20, 763, 076 83, 038, 194 1, 413, 075 6, 665, 274	207 295 9	82,805,135 1.413.075	13	7, 718, 444 233, 059	ALBANY		29, 324				20,02
Railroad and car line Subway, other than build- ings	28 26	6, 665, 274 66, 273, 592 95, 597, 815	23 26	6, 569, 193	5	96,081	All construction business	72 6	12, 918, 737 1, 224, 880	36 1	9, 093, 827 520, 340	36 5	3, 824, 91 704, 54
ings. Public works and utilities. Distribution not re- ported.	330 6	95, 597, 815 679, 336	259 6	66, 273, 592 89, 683, 250 679, 336	71	5,914,565	Distributed by class of ownership	66	11, 693, 857	35	8, 573, 487	31	3, 120, 37
Distributed by class	324 82	94, 918, 479 12, 821, 518	253	89,003,914 11,026,113	71 12	5,914,565 1,795,405	Private Quasi public or community. Public	53 15 38	4, 974, 941 565, 345 6, 153, 571	26 4 20	3,427,982 267,126 4,878,379	27 11 18	1, 546, 95 298, 21 1, 275, 19
Bridge, tunnel, etc Central station, light and power plant Dealer plant	54	24, 930, 146	29	21, 914, 774	25	3,015,372	Public. Distribution not re- ported	5	1, 263, 676	3	876, 188	2	387, 48
Dock, picr, retaining wall, etc	55	7, 932, 403	44	7, 328, 708	11	603, 695	Distributed by class of public ownership State	33 17	4, 889, 895 2, 483, 727 893, 388	17 9	4, 002, 191 2, 057, 537 553, 757 1, 390, 897	16 8	887, 70 426, 19 339, 63 121, 88
tion and land drain- age River and harbor im-	4	123, 649	4	123, 649	••••		County or township Municipal	15 19	893, 388 1, 512, 780	11 11	553, 757 1, 390, 897	8 8	339, 63 121, 88
Refuse disposal plant Sewage disposal and	19 14	14, 511, 676 1, 084, 101	18 12	(2) (2)	$\frac{1}{2}$	(2) (2)	All business under general con- tract or directly for owners Distribution not reported	57 2	10, 513, 712 37, 239	36	8, 962, 296	21 2	1, 551, 41 37, 23
drainage Park, grounds, etc	103 30 74	9, 324, 959 666, 258 21, 205, 583	88 24 55	9, 162, 129 650, 423 21, 010, 665	15 6 19	162, 830 15, 835 194, 918	Distributed by class Building Distribution not re-	55 41	10, 476, 473 6, 275, 697	36 24	8, 962, 296 5, 156, 567	19 17	1, 514, 17 1, 119, 13
Water supply Telephone line and system Radio tower, etc	4	947, 105	4	947, 105			Distribution not re- ported Distributed by class	3	707,800	2 22	671, 796 4, 484, 771 1, 873, 103	1 16	36, 00 1, 083, 12
Miscellaneous	28 10 92	1, 371, 081 728, 216 9, 263, 804	{ 19 8 63	1, 267, 766 8, 352, 318	9	103, 315 1, 639, 702	Commercial	38 22 8 3	5, 567, 897 2, 117, 303 302, 361 92, 838	13 3 2)	184, 528	9 5 (1)	${}^{1,083,12}_{244,20}_{117,83}$
Miscellaneous, n. e. s. <sup>3</sup> All business under subcon-							Hotel Hospital and institu- tional Manufacturing	12 7	915, 831 173, 131	6	803, 717 108, 566	6	204, 95 64, 56
tract Distribution not reported		330, 626, 346 16, 758, 980	123 5	2, 795, 378	49	321, 298, 466 13, 963, 602	Manufacturing Military and naval Public: Courts, jails,	1	115, 658	( · ĭ	(2) (2)		
Carpentering and wood-	2, 041 117	313, 867, 366 8, 541, 231	118 31	452, 501	5.4	8,088,730 19,011,772	etc. Religious and memorial Residential	12 12 26	275, 268 1, 078, 876 104, 665	6 13 3 1 6	217, 469 878, 321 ( <sup>2</sup> )	6 13	( <sup>2</sup> ) 57, 79 200, 55 ( <sup>2</sup> )
flooring. Concreting	112	19, 862, 499 26, 252, 318	21 1	850, 727			Social and recreational.	43					

See footnotes at end of table.

## TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNERSHIP AND BY TYPE OF WORK—Continued

		CONSTRUCT	ION B	USINESS REP	ORTE	D B <b>Y</b> —		CONSTRUCTION BUSINESS REPORTED BY-						
CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK		l classes of blishments	Ge	neral con- ractors <sup>1</sup>	Subcontractors		CLASS OF OWNERSHIP AND TYPE		ll classes of ablishments	General con- tractors 1		Subcontractors		
	Number reporting	Valuo	Number reporting	Value	Number reporting	Value	OF CONSTRUCTION WORK	Number	Value	Number reporting	Value	Number reporting	Value	
ALBANY-Continued			<u> </u>				BUFFALO-Continued	<u> </u>	· · · · · ·			<u> </u>		
All business under general contract or directly for own- ers-Continued. Distributed by class-Con. Public works and utilities. Bridge, tunnel, etc Central station, light and power plant Dock, plar, retaining	16 5 3	Dollars 1, 927, 009 606, 560 150, 250	11 2 2	388, 473	5   3   1	Dollar* 395,047 } 368,537	All business under general contract or directly for own- ers-Continued. Distributed by class-Con. Building-Continued. Distributed by class- Con. Social and recreational.		Dollars 276,802	5	Dollars 176, 571	14	Dollars 100, 231	
wail, etc. River and harbor im- provement. Sewago disposal and drainage. Water supply. Park grounds, etc. Telephone line and sys-	1 3 3 2 3 1	} 260, 379		(2)	1	(2) (2)	Air transport Rail and water trans- portation Highway and street Public works and utilities. Bridge, tunnel, etc Coutral station, light	83	753, 644 1, 217, 449 7, 826, 650 3, 399, 892	3 6 16 11	888, 576 433, 091 7, 826, 650	$\begin{cases} 0 \\ 4 \\ 27 \\ 8 \\ 27 \\ 8 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 1 \\ 1$	68, 273 784, 358 906, 338	
Tolephone line and sys- tem	1 4 10 1 1	670, 448 2, 373, 707		2, 373, 707	i	(2)	and power plant. Dock, pler, retaining wall, etc. River and harbor im- provements Sewaga disposal and	3 7 1	837, 476	{ 6 { 1	1, 439, 131	1 11	795, 895 35, 841	
Distribution not reported Distributed by class Concreting Heating and plumbing Heating and plumbing Pipe covering	31 1 30 4 6 1	2, 405, 025 40, 000 2, 365, 025 203, 404 564, 960	2  2 	(2) (2) (2)	29 1 28 4 ( 6	(2) 40,000 (2) 203,404 564,960	drainage Water supply Park grounds, etc Miscellaneous Miscellaneous * All business under subcontract.	4 4 1 2 2 4 134	$ \left. \begin{array}{c} 31,298 \\ 864,405 \\ 15,287,883 \end{array} \right. $	$\begin{cases} \\ \\ 2 \\ 2 \\ 5 \end{cases}$	(2) (2) 50, 629	$\begin{pmatrix} 2 \\ 4 \\ 1 \\ 2 \end{pmatrix}$	43, 304 31, 298 (?) 15, 237, 254	
Automatic temperature control	1 6 5	176, 098 212, 987 208, 442		(2) (2)		388, 862 176, 098 212, 087 ( <sup>3</sup> ) ( <sup>2</sup> )	Distribution not reported Distributed by class Carpentering and wood flooring Concreting. Masonry Stonework	8 131 6 4 2	ໄ) ຄຸດ ຄຸດ	5	50, 629 11, 846 11, 981	3	115, 705 15, 121, 549 476, 034 528, 643	
Sheet-metal work Roofing and sheet metal combined Steel croction Marble and tiling Wreking	3 1 3 1 1	172, 000 582, 000	   	(*)	4 3 1 3 1	(*) 135, 172 172, 000 582, 000 (*) (*)	Electrical Elevator construction Heating and plumbing Heating and piping Automatic temperature control Pipe covering	16 3 23 1 5	1,970,664 2,484,843 3,531,677 } 1,714,830	 	( <sup>2</sup> )	16 8 23	1, 970, 664 2, 484, 843 ( <sup>2</sup> ) 1, 714, 830 ( <sup>2</sup> )	
Excavating Highway Grading Other classes 4 BUFFALO	1 1 4	207, 896 213, 336	{ 	(2)	1 4	(*) 213, 336	Plumbing and heating combined A utomatic sprinkler system Plainting and decorating Glass and glazing	1 22 2 10 2	1, 562, 257			$\begin{bmatrix} 1 \\ 22 \\ 2 \\ 10 \end{bmatrix}$	(2) 1, 562, 257 (2) (1) (2) (2)	
All construction business	$254 \\ 17$	59, 773, 529 3, 546, 181	88 2	37, 057, 066 567, 833	$166 \\ 15$	22, 716, 643 2, 978, 348	Plastering and lathing Roofing and sheet-metal work	6	670, 132 1, 420, 612	1	(2) (2)	1 5		
Distributed by class of ownership Private Quasi public or community Public Distribution not re- ported	237 208 60 98 7	56, 227, 348 33, 784, 117 2, 368, 243 20, 074, 988 382, 701	86 64 15 42 3	36, 489, 233 18, 793, 175 1, 523, 238 16, 172, 820 210, 951	151 144 45 56 4	19, 738, 115 14, 990, 942 845, 005 3, 902, 168 171, 750	Roofing	13 12 6 7 7 4 7	677, 878 437, 593 305, 141 1, 251, 489	  1	(2)	13 12	1, 420, 612 677, 878 437, 593 305, 141 1, 251, 489 670, 753 ( <sup>3</sup> ) 297, 164	
Distributed by class of public ownership Federal State County or township Municipal	91 13 37 36 61	19, 692, 287 250, 048 10, 697, 882 1, 387, 172 7, 357, 185	30 3 12 8 22	15, 961, 869 116, 186 9, 103, 870 914, 852 5, 826, 961	52 10 25 28 39	3, 730, 418 133, 862 1, 594, 012 472, 320 1, 530, 224	Sewer, gas, water, conduit. Metal work, n. e. s. Flooring, n. e. s. Rontal of equipment, trucking, etc.	3 1 2 3 4 2 2	175, 285 358, 032 213, 777 272, 758		(2)	$     \begin{bmatrix}       3 \\       1 \\       2     \end{bmatrix}     $ $     \begin{bmatrix}       3 \\       1 \\       4     \end{bmatrix}     $	175, 235 358, 032 213, 777 273, 758	
All business under general con- tract or directly for owners Distribution not reported	173 3	44, 485, 646 1, 184, 319	88 1	37, 006, 437 372, 000	85 2	7, 479, 209 812, 319	Other classes 6	2	250, 048	1	(2)	2∫ 3	(2) (2) (2)	
Building Distribution not re- ported	12	43, 301, 327 31, 310, 380 873, 620	87 66 3	36, 634, 437 25, 464, 536 347, 974	83 81 9	6, 666, 890 5, 745, 844 525, 646	Distribution not reported	180	1,001,775,499 40, 272, 614		49,535, 155 1, 2, 779, 459		2, 240,344 7, 493, 155	
Distributed by class Commercial Educational Hotel Hospital and institu- tional Manufacturing	135 71 38 11 29 48	30, 336, 760 5, 789, 779 3, 512, 545 68, 226 3, 785, 100 6, 007, 489	30 14 2 10	25, 116, 562 4, 675, 070 3, 082, 285 3, 705, 984	10	5, 220, 198 1, 114, 709 430, 260 147, 342	Private	333	961, 502, 885 713, 861, 617 41, 707, 584 205, 933, 684 5, 328, 201	645 4 86 222 1		343 27 247 1 285 2	1, 467, 987 4, 794, 676 8, 484, 526	
Military and naval Public: Courts, jails, etc	4 14 34 90	6, 007, 489 10, 384 1, 723, 761 806, 067 6, 182, 309	22 1 6 13 89	5, 021, 965 1, 610, 635 759, 511 4, 762, 874	26 3 8 21 51	985, 524 123, 510 46, 556 1, 419, 435	Distributed by class of public ownership Federal	466 78 119	5, 328, 321 200, 605, 363 14, 165, 170 30, 395, 896 17, 063, 698 138, 980, 509	212 17 28 1 41 2	2, 576, 923 74, 872, 235 11, 887, 393 24, 177, 346 3, 659, 394 25, 148, 102	254 2 50 78 56	2, 751, 398 5, 733, 128 2, 277, 777 6, 218, 550 3, 404, 304 3, 832, 497	

# TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNERSHIP AND BY TYPE OF WORK—Continued

		CONSTRUCTIO	ON BU	SINESS REPO	RTED	вт—		CONSTRUCTION BUSINESS REPORTED BY-					
CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	All estal	classes of olishments	Ger tr	eral con- actors <sup>1</sup>	Subcontractors		CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK			General con- tractors <sup>1</sup>		Subcontractors	
	Number reporting	Value	Number reporting	Value	Number reporting	Value		Number reporting	Value	Number reporting	Value	Number reporting	Value
NEW YORK CITY-Con.							NEW YORK CITY-Con.						
All business under general con- tract or directly for owners Distribution not reported	14	Dollars 730, 818, 816 10, 870, 943	777	Dollars 641, 872, 322 7, 837, 167	594 10	Dollars 88, 946, 494 3, 033, 776	All business under subcon- tract—Continued. Distributed by class—Con. Sewer, gas, water, conduit.	5	Dollars 496, 591	3	Dollars	(2	Dollars
Distributed by class Building Distribution not re- ported	1, 357 1, 213 74	719, 947, 873 536, 625, 721 18, 407, 817	639	634, 035, 155 456, 189, 686 10, 458, 393	584 574 41	80, 436, 035	Bridge, culvert, and rail- road	22		$\left\{ \begin{array}{c} 2\\ 1 \end{array} \right.$		   1	
Distributed by class Commercial Educational	1, 139	518, 217, 904 176, 352, 481 45, 318, 586	606 306 83	445, 731, 293 162, 791, 852 39, 903, 130	533 217 76	72, 486, 611 13, 560, 629 5, 415, 456	etc Foundation Metal work, n. e. s Rental of equipment.	8	468, 652 16, 232, 862 907, 783	4		8	-
Hotel Hospital and institu- tional Manufacturing	79 152 142	32, 156, 328 30, 267, 120 36, 103, 033	35 72 58	29, 748, 088 27, 295, 343 28, 543, 074	44 80	2,971,777 7,559,959	trucking, etc Flooring, n. e. s Sound proofing Miscellancous, n. e. s	12 12 2 3	188, 511 <b>1</b> , 902, 781 284, 335		(2) (2)		(2) (2) { 284, 33
Military and naval Public: Courts, jails, etc Religious and memo-	23 52	2, 381, 928 5, 300, 191	27	4, 872, 306	25	427, 885	BRONX BOROUGH	274	54, 334, 018	50	24, 078, 338	8 218	30, 255, 68
rial Residential Social and recreational	135 709 87 12	139, 990, 365 16, 352, 937	89 329 53 7	15, 308, 972 108, 297, 428 14, 635, 875 954, 385	- 34	31, 692, 937 1, 717, 062	All construction business Distribution not reported Distributed by class of own-	. 15	1, 884, 286		144, 080	0 14 3 204	1, 740, 20 28, 515, 47
Air transport Ball and water trans- portation Miscellaneous Highway and street	60	26, 613, 617	62 58	4, 722, 710 6, 579, 971 33, 074, 669	1 2	4, 751, 290	ership Private Quasi public or community Public Distribution not re-	241	36, 272, 420 629, 029	43 1 21	}10, 749, 098 13, 185, 160	$3 \begin{cases} 198 \\ 25 \\ 34 \end{cases}$	}26, 152, 35 2, 363, 12
Water-power development. Railroad and car line Public works and utilities. Bridgo, tunnel, etc Control station	22 130 22	77, 832, 207	103	73, 482, 987	33	i 4, 349, 220	Distributed by class of public ownership	4		20	450, 318	7 31	2, 284, 81
Bridge, tunnel, ste Central station, light and power plant Doek, pier, retaining wall, etc Flood control, irrigation	. 28 . 31		22	6, 602, 304	1		Federal State County or township Municipal		203, 960 817, 168 13, 992, 524	1 S	525, 65 12, 203, 19	11 6	
Refuse disposal plant Park, grounds, etc River and harbor im-	ī	910, 399			l	( <sup>2</sup> ) ( <sup>2</sup> )	All business under general contract or directly for own- ers	105			23, 972, 83	8 49	
provements. Sewage disposal and drainage Water supply	. 37	5, 288, 490	- 32			105, 993 143, 606	Distribution not reported Distributed by class Building. Distributionnotreported	103	27, 864, 132 16, 958, 262			8 47	3, 891, 2 3, 891, 2
Telephone line and sys- tem				al ·	11 1		Distributed by class Commercial Educational Hospital and institu-	83	16,079,244	3		4 44 4 9 9 3	351.2
Miscellaneous Air transport work Subway, other than build- dings Miscellaneous, n. e. s. <sup>7</sup>	- 20	66, 150, 980	21	168, 484 66, 150, 980 2 4, 968, 345	)	3 1, 011, 576	Hospital and institu- tional Manufacturing Public:Courts, jalls, etc Religious and memo-	4	76, 262		( <sup>2</sup> ) 2 2 159, 35	$2 \left\{ \begin{array}{c} 2\\ 2\\ 3\\ 3 \end{array} \right\}$	(°) } 15,7
All business under subcon- tract Distribution not reported	$_{11.252}$	2 270, 956, 683 14, 664, 479		2,755,27.	2	4 263, 293, 850 3 11, 909, 208	rial Residential Social and recreational	- 4 - 55 - 1	002 001	2  {			
Distributed by class Carpentering and wood flooring	- 1, 220 - 7(			1	1	1 251, 384, 642 5 6, 882, 606 4 17, 659, 729	Miscellaneous_ Public works and utilities_ Sewage disposal and drainage_ Control station_light			11	1 (2) 5 1, 123, 44 4 803, 46	4	
flooring Concreting Electrical Elevator construction Heating and plumbing Heating and plumbing Pipe covering		10, 979, 303 10, 788, 250 19, 788, 250 49, 055, 273	3 	4 247, 38 663, 620	11 1 1 14	5 6, 882, 606 4 17, 659, 729 1 20, 979, 303 5 19, 788, 250 4 40, 055, 271 1 12, 801, 089 3 2, 211, 625 2 20, 274, 080	Central station, light and power plant Water supply Miscellaneous Highway and street Subway, other than build- ing.	- 1	319, 978 3, 122, 076	3	$\left. \begin{array}{c} 1\\2\\1\\1\\3\\3\\3\\3\\1\\2\\3\\3\\3\\1\\2\\2\\0\\7\\3\\3\\1\\2\\2\\0\\7\\3\\2\\2\\0\\7\\3\\2\\2\\0\\2\\0\\2\\2\\0\\2\\2\\0\\2\\0\\2\\0\\2\\0\\2\\0$		
Plumbing and heating	- 210	3 2, 211, 620 29, 274, 080	1		21 21 3		Subway, other than build- ings Miscellaneous, n. e. s	- 1		le .	2 1 } 6,660,35	0	
combined Automatic sprinkler sys- tem Masonry Painting and decorating	6	4 1, 547, 69 0 6, 603, 41 5 11, 371, 31	3	8 205, 74	7 <u>5</u> 11	4 1, 547, 696 2 6, 397, 671 5 11, 371, 316	All business under subcon- tract	- 196	1,077,424	<u> </u>	2 ( <sup>2</sup> ) 2 (•)	194	1,077,4
Glass and glazing Plastering and lathing Roofing and sheet-metal work	- 6	2, 199, 69 9 20, 222, 19 11, 116, 56	5	1 ( <sup>2</sup> ) 5 58, 12		2 20, 154, 070 11, 116, 565	Distributed by class Carpentering and wood flooring Concreting		1, 179, 747		1 (2) 1 (2)	11	5 (2) 7 (2) 1 (2)
Roofing Sheet-metal work Roofing and sheet meta	4 7	8 3, 148, 48 2 5, 970, 77 2 1, 997, 30	5		- 4 - 7 - 2	2 5,970,773 2 1,997,307	Heating and plumbing		2, 416, 594				$\left\{\begin{array}{c} 3\\1\\3\\.\end{array}\right\}$ 2, 416, 4 3, 958, 4
combined Steel crection Stonework Marble and tiling Wrecking Excavating and grading.	11	4 6,927,72 7 21,734,09	5	1 (²) 1 (²) 4 812, 20	- 3 - 11 - 1 0 3	4 6, 927, 725 6 (²) 7 1, 326, 297	Plue covering Plumbing Plumbing and heating combined	- 26	2, 418, 88 432, 98	8		20	432,
Excavating and grading Ornamental iron Highway and street pav- ing	- <sup>7</sup>	7 1, 326, 29 4 6, 035, 68 9 13, 486, 48 8 1, 757, 25		4 812, 20  4 1, 291, 07	- 7	9 13, 486, 431 4 466, 178	Masonry Painting and decorating.			4	I (2)		$\left\{\begin{array}{c} 3\\5\\2\\2\end{array}\right\}$ 1, 503,

Ê

## TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNERSHIP AND BY TYPE OF WORK—Continued

		CONSTRUCTI	on bu	SINESS REP	ORTEI	) BY			CONSTRUCTIO	ON BU	SINESS REP(	ORTED	BY—
CLASS OF OWNERSHIF AND TYPE	Allesta	classes of blishments		neral con- actors <sup>1</sup>	Sub	contractors	CLASS OF OWNERSHIP AND TYPE		classes of blishments		neral con- ractors 1	Subo	contractors
OF CONSTRUCTION WORK	Number reporting	Value	Number reporting	Value	Number reporting	Value	OF CONSTRUCTION WORE	Number reporting	Value	Number reporting	Value	Number reporting	Value
BRONX BOROUGH-Contd.							BROOKLYN BOROUGH-Con.						
All business under subcon- tract—Continued. Distributed by class—Con. Plastering and latbing Roofing and sheet metal	Ð	Dollars 490, 659			8	Dollars (2)	All business under subcon- tract—Continued. Distributed by class—Con. Heating and plumbing Heating and piping		Dollars 5, 857, 833 1, 410, 660		Dollars		Dollars 5, 857, 833 1, 410, 660
work Roofing Sheet-metal work Roofing and sheet-metal	6 11	393, 095 1, 111, 243			6 11	2, 278, 518 393, 095 1, 111, 243	Pipe covering Plumbing Plumbing and heating combined	4 53 7		4		4 53 7	12, 392
combined Steel erection Stonework Marble and tiling Excavating and wrecking	7 15 8 21 9	733. 921		(2)	· 8	774, 180 1, 827, 060 783, 921 4, 101, 744 ( <sup>2</sup> )	Masonry	9	758, 167 814, 599			9 15 4	627, 062 758, 167
Ornamental rion Metal work, n. e. s Flooring, n. e. s	24 3	3, 227, 259 150, 569 569, 496			21 8 24 3 5	(2) 8, 227, 259 150, 569 569, 496	raincing, decrating, and glazing Plastering and lathing Roofing and sheet-metal work Roofing and sheet metal combined Steel erection Steel erection	 16 20	3, 454, 212 407, 682 2, 280, 294			16 20	3, 454, 212 407, 682 2, 280, 294
BROOKLYN BOROUGH All construction business Distribution not reported	• 453 29	85, 403, 199 2, 961, 244	128	44, 454, 010 879, 617	325 24	40, 949, 189 2, 081, 627	combined Steel erection Stonework	7 18 9 30	766, 236 1, 739, 961 1, 307, 136			7 18 9 30	766, 236 1, 739, 961 1, 307, 186 3, 373, 605
Distributed by class of own- ership Private. Quasi publicor community.	424 394	82, 441, 955 58, 603, 991 4, 604, 068			301 294		Steel effection Stonework Marble and tiling Wrecking Excavating Ornamental iron Metal work, n. e. s Other classes <sup>8</sup>	30 5 23 3	2, 250, 846 417, 403			231	91, 238 231, 689 2, 250, 846
Distribution not report-	52 84 7	19, 233, 896	32	43, 574, 393 25, 044, 177 2, 823, 071 15, 707, 145	39 52 7	38, 807, 562 33, 559, 814 1, 780, 997 3, 526, 751 304, 357		0 4	462, 314	ī	(2)	3	417, 403 ( <sup>3</sup> )
ed Distributed by class of		304, 357					MANHATTAN BOROUGH All construction business	1, 333	792, 229, 509	403	549, 093, 407 1, 675, 862	840	242, 236, 102 32, 614, 267
public ownership Federal State County or township Municipal	77 12 15 10 61	18, 929, 539 148, 074 2, 379, 391 3, 063, 347 13, 338, 727	32 2 6 8	15, 707, 145 1, 013, 591 3, 038, 698 11, 654, 856	$\left\{ \begin{array}{c} 45\\ 10\\ 9\\ 4\\ 36\end{array} \right.$	24, 649	Distribution not reported Distributed by class of own- ership	125 1, 208	34, 200, 129 757, 939, 380 574, 490, 472		1, 675, 862 548, 317, 545 393, 618, 488		32, 614, 267 209, 621, 835 180, 871, 984
All business under general con- tract or directly for owners_ Distribution not reported	275	57, 814, 714 44, 295		43, 925, 096		13, 889, 618 44, 295	Privato Qussi public or communi- ty Public. Distribution not re-	1, 124 216 280	33, 184, 948 150, 263, 960	1 1	22, 972, 095 131, 726, 962		10, 212, 853 18, 536, 998
Distributed by class Building Distribution not report-	274 251	57, 770, 419 47, 243, 125	128 105		$\frac{1}{146}$	13, 845, 323	Distribution not re- ported Distributed by class of public ownership		3, 236, 738		1, 251, 447		1,985,291
ed Distributed by class Commercial	13 238 75	1, 529, 235 45, 713, 890 9, 631, 347	- 6 99 35	988, 346 32, 600, 454 8, 525, 321	7 139 40	540, 889 13, 113, 436 1, 106, 026	public ownership Federal State County or township Municipal	261 57 88 65	147,027,222 12,908,369 26,369,815 11,117,162	122 23 32 27	130, 475, 515 10, 884, 759 22, 565, 728 8, 318, 622 88, 700, 406	139 34 56 38	16, 551, 707 2, 023, 610 3, 804, 087 2, 798, 540 7, 925, 470
Educational Hotel Hospital and institu- tional	26 7 26	7, 876, 345 244, 892	35 9 2 12	1, 567, 324	ע בי בי		Municipal All business under general contract or directly for	181	96, 681, 876	84	88, 700, 406	97	7, 925, 470
Manufacturing Military and naval Public: Courts, jails,	29 1 8	1, 594, 470 1, 369, 730 557, 951	8́ ∫5	, 794, 601 	21 1 3	575, 129 64, 556	owners Distribution not reported Distributed by class	832 10 822	605, 422, 702 8, 377, 856 597, 044, 936		543, 180, 347 7, 837, 107 535, 343, 180	6	62, 242, 445 540, 689 61, 701, 756
etc. Religious and memorial. Residential. Social and recreational.	27 176 14	1, 349, 934 19, 743, 841 1, 050, 113	11	1, 150, 233	16 112 8	199, 701 7, 806, 284 85, 242	Building Distribution not re- ported	51	452, 882, 610 14, 661, 664	420	395, 937, 019 7, 327, 453	327 32	56, 945, 591 7, 334, 211
Air transport Rail-and-water trans- portation Miscellaneous Highway and street	1 2 25 10	26, 708 2, 268, 559 4, 746, 896	 8 10	612, 380 4, 746, 896	$\left\{ \begin{array}{c} 1\\ 2\\ 17\end{array} \right.$	26, 708 1, 656, 179	Distributed by class Commercial Educational Hotel	696 376 116 68	438, 220, 946 159, 083, 771 33, 276, 228 31, 895, 267	401 231 64 32	388, 609, 566 148, 791, 319 29, 502, 357 29, 604, 829	295 145 52 36	49, 611, 380 10, 292, 452 3, 773, 871 2, 290, 438
Railroad and car line Subways, other than build- ings. Public works and utilities	6 1 22 3	2, 845, 048 2, 896, 153 235, 698	7	(2) (2) 2, 719, 752	2 2 7 1	(2) (2) 176, 401	Hotel Hospital and institu- tional Manufacturing Military and naval	113 101 21	27, 796, 590 34, 286, 928 2, 327, 278		25, 158, 744 27, 333, 094 2, 076, 353	59 57 11	2, 637, 855 6, 953, 834 250, 925
Bridge, tunnel, etc Central station, light	3	235, 698 193, 142	2 2	( <sup>2</sup> ) ( <sup>2</sup> )	1	(2) (2)	Public: Courts, jails, etc Religious and me-	35 92	4, 538, 779	18	4, 152, 793	. 17	285, 986 1, 210, 205
Dock, pier, retaining wall, etc	6 1	- 338, 344	티피	2, 025, 363	2	17, 245	morial Residential Social and recreational Air transport Rail and water trans-	392 70 9	14, 965, 680 101, 095, 839 15, 283, 837 951, 182	200 46 6	949, 715	192 24 3	1, 210, 205 17, 657, 280 1, 624, 222 1, 467
Water supply Park, grounds, etc	8 6 2 3	1, 704, 264 297, 100 127, 605	7 2 2 1	391, 667 ·		33, 038	Miscellaneous Highway and street Water power development.	19 89 24 2	4, 894, 862 7, 824, 746 13, 386, 762	${ \begin{array}{c} 12 \\ 46 \\ 23 \\ 2 \\ 12 \end{array} }$	4, 722, 716 5, 464, 047 ( <sup>2</sup> ) ( <sup>2</sup> )	7 43 1	172, 146 2, 360, 699 (²)
Air transport work Miscellaneous, n. e. s All business under subcontract.	1 8 238	39, 197 27, 588, 485 192, 797	$\left\{\begin{array}{c}1\\1\\6\end{array}\right.$	(2) (2) 528, 914	2 232	(²) 27, 059, 571	Railroad and car line Public works and utilities Bridge, tunnel, etc Central station, light and power plant	2 15 84 18	5, 440, 553 68, 829, 043 8, 048, 099	60 15	5, 357, 472 65, 020, 703 6, 866, 205	3 24 3	83, 081 3, 808, 340 1, 181, 894
Distributed by class Carpentering and wood-	4 234	192, 797 27, 395, 688 949, 533	1 5 4	40, 000 488, 914	3 229	152, 797 26, 906, 774	Dock, pier, retaining wall, etc	22 20 8	21, 981, 394 6, 511, 225 562, 924	13	20, 202, 071 5, 035, 478 (2)	11 7 1 1	1, 779, 323 575, 747 ( <sup>2</sup> )
flooring Concreting Electrical Elevator construction	14 4 9 3	211, 717		(2)	10 4 9 3	(2) 211, 717 465, 741 4, 382, 632	Park, grounds, etc River and harbor im- provement	3 10	87, 912 12, 186, 123	2 2 10	(2) (2) 12, 186, 123		(2) (2)

See footnotes at end of table.

-

# TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNERSHIP AND BY TYPE OF WORK—Continued

		CONSTRUCTI	ON BU	SINESS REP	ORTEI	) вү—		1	CONSTRUCTIO	ON BU	BINESS REPO	RTED	вү—
CLASS OF OWNERSHIP AND TYPE	All esta	classes of blishments	Gei tr	neral con- actors 1	Sub	contractors	CLASS OF OWNERSHIP AND TYPE		classes of olishments	Ger tr	neral con- actors 1	Subo	ontractors
OF CONSTRUCTION WORK	Number reporting	Value	Number reporting	Value	Number reporting	Value	OF CONSTRUCTION WORK	Number reporting	Value	Number reporting	Value	Number reporting	Value
MANHATTAN BOROUGH- Continued			-				QUEENS BOROUGH-Contd.			<u> </u>	·	-	
All business under general contract or directly for owners-Continued. Distributed by class-Con. Public works and utilities -Continued.							All business under general contract or directly for owners—Continued. Distributed by class—Con. Building—Continued Distributed by class— Continued.		Dollars		Dollars		Dollars
Sewage disposal and drainage Water supply Telephone line and sys-	15 10 1	Dollars 1, 171, 626 17, 483, 355	12 12		3	Dollars 78, 889 112, 713	Military and naval Public: Courts, jails, etc. Social and recreational Balifour, and mo		15, 410	$\begin{cases} 1 \\ \cdots \\ 1 \end{cases}$	( <sup>2</sup> )	 1	(2) (2) (2)
tem Radio tower, etc Miscollaneous Subway, other than build- ings Air transport work Miscellaneous, n. e. s. <sup>7</sup>	1 1 8 19 2 21	50, 642, 912	10 19	50, 642, 912	13		morial Residential Air transport Miscellaneous Flighway and street Subway (other than build-	15	3, 322, 485	11	} 431, 566 3, 322, 485	1 1	)
All business under subcontract. Distribution not reported Distributed by class Carpentering and wood	678 14 604	173, 965, 564	$\frac{2}{30}$	4, 097, 789	12 634	179, 993, 657 10, 125, 882 169, 867, 775	Public works and utilities Bridge, tunnel, etc Contral station. light and power plant Dock. pier. rataining	2	465, 202		(2)	2  1	(2) (2)
flooring Concreting Electrical Elevator construction Heating and plumbing Heating and plumbing Pipe covering	85 10	17, 592, 105 13, 815, 478 31, 993, 147	0 	577, 683	88 10 65	16, 408, 251 17, 592, 105 13, 815, 478 31, 993, 147 8, 816, 776	Dock, pier, retaining wall, etc. Refuse disposal plant Sewage disposal and drainage Park, grounds, etc Water supply	1	1, 908, 354	1 1	198, 395 (²) (2) 53, 921	1	(2)
Plumbing Plumbing and heating combined Automatic sprinkler system	18 103 17 4	1, 248, 237 1, 547, 696			13 103 17 4	1, 248, 237	Miscellaneous Air transport work. Railroad and car lines. Miscellaneous, n. c. s. All business under subcontract.	1 1 1 5	232, 926	$   \begin{bmatrix}     1 \\     1 \\     1 \\     2 \\     5   \end{bmatrix} $	87, 191	{ <u>3</u> 12ð	145, 735 29, 697, 513
Masonry Painting and decorating Glass and glazing Plastering and lathing Roofing and sheet metal work	32 95 16 52	3, 918, 996 9, 207, 080 1, 656, 586 18, 322, 157 3, 526, 368	6  1 4	(2) 33, 925	26 95 15 48		Distribution not reported Distributed by class Carpentering and wood flooring	3 127 11	553, 105 29, 341, 523 980, 862 741, 813	5 1 2	197, 115 (2)	3 122 10 ∫ 4	553, 105 29, 144, 408 ( <sup>2</sup> )
Roofing Sheet-metal work Roofing and sheet metal combined	20 29 7 16	1, 809, 400 1, 288, 254 428, 708 12, 411, 662			20 29 7 16	1, 288, 254 428, 708 12, 411, 662	Concreting Masonry Electrical Heating and plumbing Heating and plping Pipe covering Pipe covering	5 8 21 3 25	403, 456 2, 052, 003 7, 088, 207 1, 471, 830 85, 782 4, 753, 089			1 4 8 21 3 25	2,052,003
Stonework Marble and tiling Wreeking Ornamental iron Street paving	11 47 13 16 24 2 2	2, 405, 085 10, 241, 105 1, 234, 059 4, 743, 002 2, 386, 755 } 1, 258, 392	1	(2)	11 46 13 14 24	(2) 1, 234, 059 (2)	Plumbing and heating combined	6 5 4	777, 506 385, 672 594, 780	1		6 5 3	777, 506 385, 672 ( <sup>2</sup> )
Street paving Sewer, gas, water, conduit. Dredging, river, harbor, etc Foundation Flooring, n. e. 8. Other classes 9.	2 4 14 6 7	452, 868	3 4 1	(2) 812, 511	$\begin{bmatrix} 1\\10\\5\\5 \end{bmatrix}$	(2) 15, 281, 156 } 1, 332, 184	Roofing and sheet-metal work	6 13 7 6 18	1, 857, 467 538, 302 1, 319, 165 1, 619, 302 2, 481, 583 3, 982, 644	  1	(2)	6 13 6 6 18	1, 857, 467 538, 802 1, 319, 165 (?) 2, 481, 583 3, 982, 644
QUEENS BOROUGH All construction business Distribution not reported Distributed by class of	228 11	63, 328, 102 1, 075, 572		25, 133, 907 79, 900		38, 194, 195 905, 672	Excavating Ornamental iron Highway	3 8 3 2 1 3	492, 965 55, 089	]	(2) (2)	$\begin{cases} 3\\ 8\\ 2\\ 1\\ 2\\ 3\\ 3\\ 3 \end{cases}$	257, 949 5, 621, 571 ( <sup>2</sup> ) 55, 089 ( <sup>2</sup> )
of ownership Privato Quasi public or commu- nity Public Distribution not report-	217 199 35 69	62, 252, 530 42, 374, 034 2, 825, 954 17, 052, 542	7	25, 054, 007 11, 322, 838 639, 157 13, 092, 012	145 140 28 42	37, 198, 523 31, 051, 196 2, 186, 797 3, 960, 580	Grading Sewer, gas, water, conduit. Metal work, n. e, s. <sup>10</sup> Other classes <sup>11</sup> RICHMOND BOROUGH All construction business	3 4 87	138, 778 342, 811 244, 571 6, 480, 671	1	(²) 5, 875, 493	3 3 10 1	605, 178
ed Distributed by class of public ownership Federal State	9 60 5 10	1, 158, 124 15, 894, 418 80, 539 1, 505, 590	2	809, 686 12, 282, 326 592, 339	6 36 3 8	1 202,120	Distribution not reported Distributed by class of own- ership Private Quasi public or community. Public	1 36 30 4 19	6, 419, 288 2, 120, 700 463, 585 3, 835, 003	27 22 3 15	5, 875, 493 2, 137, 614 3, 737, 879	9 { 8 1	61, 383 543, 795 446, 671 97, 124
County or township Municipal. All business under general contract or directly for owners. Distribution not reported	12 47 125	1, 809, 611 12, 498, 678 33, 433, 474	18	1, 624, 101 10, 065, 886 24, 936, 792	7 29 53	185, 510 2, 432, 792 8, 496, 682	Distribution not reported. Distributed by class of public ownership Federal	2 17 21 2	94, 477 3, 740, 526 1, 221, 732	$\frac{1}{14}$	3, 678, 402 (2) (2) (2) (2) (2)	4  3 1 1	62, 124 (2) (2) (2) (2)
Distributed by class Building Distribution not report- ed	2 123 105 3	2, 414, 055 31, 019, 419 17, 754, 327 1, 337, 900	56 3	24, 936, 792 12, 181, 914 1, 337, 900	2 51 49	2, 414, 055 6, 082, 627 5, 572, 413	Municipal. All business under general con-	13 33 20 6	2, 518, 794 6, 229, 661 1, 787, 397 375, 158	12 27 14 3	(2) 5, 857, 249 1, 414, 985 326, 727	1 6 3	(2) 372, 412 372, 412 48, 431
Distributed by class Commercial Educational Hotel Hospital and institu- tional Manufacturing	102 43 8 4 4 7	16, 416, 427 4, 667, 621 1, 301, 258 16, 169 53, 297 366, 313	2	40, 010	49 20 3 (3 2 4	5, 572, 413 1, 762, 510 53, 716 23, 523 29, 086	Building Commerciel Educational Religious and memorial Hospital and institutional Manufacturing Public: Courts, jails, etc Residential Miscellaneous.	2) 4 1 3) 17 4	67, 850 234, 743 159, 668 897, 990 51, 988	Ϋ́n	1, 392, 253 (2) (2) 766, 205 (2)		(2) (2) (2) (2) (2)

#### TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNERSHIP AND BY TYPE OF WORK—Continued

									10110201000	N 877-	NESS DEBOT		37-
		CONSTRUCTI	ON BU	SINESS REPO	ORTEL	о вү— 			CONSTRUCTIO	1			
CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	All estal	classes of olishments	Ger tr	ieral con- actors <sup>1</sup>	Sub	contractors	CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	esta	classes of blishments	tı	neral con- ractors <sup>1</sup>		ontractors
	Number reporting	Value	Number reporting	Value	Number reporting	Value		Number reporting	Value	Number reporting	Value	Number reporting	Value
RICHMOND BOROUGH—Con. All business under general con-							ROCHESTER—Continued All business under subcon- tract—Continued.				н Ма		
tract or directly for owners— Continued. Highway and streets Public works and utilities	6 10	Dollars 2, 084, 569 2, 357, 095	6 10	Dollars 2, 084, 569 2, 357, 695		Dollars	Heating and plumbing- Continued. Plumbing and heating combined	4	Dollars 235, 544		Dollars	4	Dollars 235, 544
Dock, pier, retaining wall, etc. River and harbor improve-	2	1, 763, 831	2	1, 763, 831			Painting and decorating Glass and glazing Roofing and sheet-metal work.	1	547 <u>467</u>			$\left\{ \begin{array}{c} 5\\1 \end{array} \right.$	<pre> 295, 633 547, 457 </pre>
ment Refuse disposal plant Park, grounds, etc Sewage disposal and drain-	2 1 1	65, 255	$\begin{vmatrix} 2\\ 1\\ 1\\ 1 \end{vmatrix}$	65, 255			Sheet metal work	10 2 2	178, 040 369, 417 } 191, 717			$\{ \begin{array}{c} 8\\ 10\\ 2\\ 2\\ 4\\ 4 \end{array} \}$	547, 457 178, 040 369, 417 } 191, 717
age Water supply	1 3					000 700	Marble and tiling Other classes <sup>13</sup>	4 3	300, 720 68, 447	2	(2)	4 1	300, 720 (²)
All business under subcontract- Electrical	10 1 1		3 	18, 244	7 1 1	232, 706 (²) (²)	SYRACUSE All construction business Distribution not reported	99 6	17, 317, 471 269, 943		10, 766, 482	63 6	6, 550, 989 269, 943
ing, etc Heating and plumbing Plumbing	1 		1 1	(2)		157, 766 58, 184	Distributed by class of ownership	93 80	17, 047, 528 8, 716, 656	36	10, 766, 482	57 56	6, 281, 046 4, 447, 731
Heating and piping Plumbing and heating combined Excavating	2	} 99-582	1 e - 1		2 2	99, 582	Private Quasi public or community. Public Distribution not reported	80 29 53 3	I 1 814 805	7 24	5, 511, 768	22 29 2	829,103 1,004,209
Waterworks Dredging, river, harbor, etc.		} 13,244	$\left\{ \begin{array}{c} 1\\ 1 \end{array} \right\}$	(2) (2) (2)			Distributed by class of public ownership Federal	50 3	6, 362, 929 6, 753	23		1 3	927, 161 6, 753
ROCHESTER All construction business	140	28, 227, 137	57	19, 866, 026	83	8, 361, 111	State County or township	24 17	2, 276, 404 447, 812		252, 949	13 13 20	330, 724
Distributed by class of own-	14	2, 514, 108	5		9	1, 045, 470	Municipal All business under general contract or directly for	35	3, 631, 960	10 10	0,201,100	20	094,021
ership Private Quasi public or community	. 116	14, 869, 453	52 44 15	9, 922, 865	72	7, 315, 641 4, 946, 588 787, 105	owners Distribution not reported	64 1	602, 792	2   1		<u></u>	
Public Distribution not reported	. 63	2,400,048 8,443,528 308,159	28 1	6, 861, 580 215, 631	35	1, 581, 948 92, 528	Distributed by class Building Distribution not reported.	63 49 3	$\begin{array}{r} 12,092,993\\ 8,219,043\\ 639,622 \end{array}$	35 23	6, 315, 398	28 26 2	1, 979, 809 1, 903, 645 119, 967
Distributed by class of public ownership Federal State	-1 2	$\left. \begin{array}{c} 8,135,309\\ 3,152,589 \end{array} \right\}$	11/ 1	2, 278, 187	$\begin{cases} 1\\ 19 \end{cases}$	074 409	Distributed by class Commercial Educational	46	7, 579, 421 2, 690, 793	22	5, 795, 743 2, 178, 337 1, 389, 159	24 14 9	1, 783, 678 512, 456 115, 059
County or township Municipal	. 33	1, 135, 091	15	1, 049, 080	18	86,011	Hotel Hospital and institu-	6	40, 775 391, 840		(²) 364, 864	4	(2) 26, 976
All business under general con- tract or directly for owners. Distribution not reported	110	1, 066, 523	2			)	tional Manufacturing Military and naval Public: Courts, jails,		887,850	)   5   {	586, 963	6 - 1	300, 887 (²)
Distributed by class Building Distribution not re-	. 91		38	13, 496. 789	53		etc	. 29	351, 471 1, 114, 285	il 8	(4) 341, 550 491, 868	21	9, 921 622, 417
ported Distributed by class Commercial	83	16, 649, 249 3, 147, 831	34 15	12, 644, 667 2, 516, 171	49	4,004,582 631,660	Air transport Rail and water trans- portation Miscellaneous	4	103, 552	1 2	192, 217		
Educational Hotel Hospital and Institu- tional	- 31	5, 309, 797 9, 956		4, 630, 430	20 1	679, 367 123, 188	Public works and utilities	10	307, 119 2, 277, 130 1, 321, 300		1, 321, 300	1	(2)
Manufacturing Military and naval Public: Courts, jails,		2, 291, 340	10 [	, 1, 839, 112		452, 228	Distribution not reported Distributed by class Sewage disposal and	-	872, 638	<u>s</u> c			
etc Religiousandmemorial	- 12 - 24 - 63	449, 331	10 10 23	353, 947		95, 384	drainage Water supply Other classes <sup>14</sup>	3	77, 131		il 168, 031		
Residential Social and recreational Air transport Rail and water trans-	18	930, 681 54, 503	5 1	779, 260	) 13 ( 8	151, 421	Water power development Railroad and car line Miscellaneous, n. e. s		.[]}	I		2	(2)
portation Miscellaneous Highway and street	- 5 - 21	62, 941 513, 216 4, 386, 161	11	299, 123	1 2		All business under subcontract. Carpentering and wood floor-			5 4	50, 500	1	
Public works and utilities. Bridge, tunnel, etc Sewage disposal and	. 11	492, 219 94, 159	8	451, 759 94, 159	) 3 	40, 460	ing Concreting Masonry Floctrice		114, 622 540, 379	11 1	(2)		
drainage Central station, light and power plant Other classes 12	- 43	110, 831	11	287, 229  70, 371	18	40, 460	Concreting Masonry Electrical Heating and plumbing Heating and piping Pipe covering Pipe covering	10	1, 229, 850 421, 457	3 7 		<u>[</u>	$\left. \begin{array}{c} 1,229,856\\ 421,457 \end{array} \right\}$
Air transport work Subway, other than build-	- 1	470 944	    	355, 495	[ 1	114, 749	Pipe covering Plumbing combined Painting and decorating Glass and glazing Plastering and lathing Marble and tiling Roofing and sheet-metal	12	286, 148				286, 14
ings Miscollaneous, n. e. s. <sup>7</sup> All business under subcontract	- 8	J	÷	].	11	2	Painting and decorating Glass and glazing Plastering and lathing		893, 399	11		$\left\{ \begin{array}{c} 1\\ 2\\ 2\\ 3\\ 3\end{array} \right\}$	} 95, 159 } 893, 399
Carpentering and wood		232, 121		· · · · ·		3 (2)	Marble and tiling Roofing and sheet-metal work	- 3	455, 830	l		. 3	455, 83
Concreting Masonry Electrical		798, 185	1	(2) (2) (2)	} 4 12		Roofing Sheet-metal work	5		7		5	231, 82 224, 00
Electrical Heating and plumbing Heating and piping Pipe covering		1, 322, 314				1, 322, 314	Steel erection	- 4	} 1, 101, 49 <i>l</i>	5			) 1, 101, 49 ( <sup>7</sup> )
Automatic sprinkler sys-		503, 765			11	503, 765	Broavating Highway Grading Other classes <sup>18</sup>		169, 174		L (2) L (2) 2 (2)		(2) 2 3, 55
tems	-1 2	4)	И .	J	11 3	9J	I Officer classes "	-1 9	n <i>41,1</i> 0	M ( ) (	Ber (O )	∎ <sub>La</sub> tad	4

## TABLE 2.—CONSTRUCTION BUSINESS OF REPORTING ESTABLISHMENTS DURING 1929, BY CLASS OF OWNERSHIP AND BY TYPE OF WORK—Continued

		CONSTRUCTI	ON BU	SINESS REP	ORTED	ВҮ			CONSTRUCTIO	on bu	SINESS REPO	ORTED	В Ү
CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK	estal	classes of plishments	Ger ti	neral con- ractors 1	Sub	contractors	CLASS OF OWNERSHIP AND TYPE OF CONSTRUCTION WORK		classes of blishments	Ger ti	neral con- ractors 1	Subo	contractors
OF CONSTRUCTION WORK	Number reporting	Value	Number reporting	Value	Number reporting	Value		Number reporting	Value	Number reporting	Value	Number reporting	Value
UTICA All construction business Distribution not reported	50 4	Dollars 8, 564, 165 360, 689	23 1	Dollars 5, 883, 030 50, 129	27 3	Dollars 2, 681, 135 310, 560	YONKERS All construction business Distribution not reported	64 6	<i>Dollars</i> 8, 453, 089 1, 471, 860	26 2	Dollars 4, 552, 205 1, 146, 505	38 4	Dollars 3, 900, 884 325, 355
Distributed by class of ownership Private Quasi public or community. Public Distribution not reported.	46 38 20 23 1	8, 203, 476 3, 052, 843 1, 190, 016 3, 960, 617 19, 053	22 15 9 12 1	1, 636, 032 960, 556	11	2, 370, 575 1, 416, 811 229, 460 724, 304	Distributed by class of ownership Quasi public or com- munity Public. Distribution not reported.	58 54 13 22	6, 981, 229 4, 151, 692 518, 363 2, 311, 174	21 2 9	<pre>1, 732, 136 1, 673, 564</pre>	83 11 13	3, 575, 429 2, 937, 919 687, 610
Distributed by class of public ownership Federal State County or township Municipal	$22 \\ 1 \\ 14 \\ 8 \\ 16 \\ 16$	3, 941, 564 1, 538, 523 609, 647 1, 798, 394	3	<b>3,</b> 217, 260 <b>1,</b> 390, 324 362, 238 <b>1,</b> 464, 698	11	724, 304 148, 199 247, 409 328, 696	Distribution not reported. Distributed by class of public ownership Federal	2 20 1 1 8	226, 757 2, 084, 417 488, 764	1	176, 757	12 12 1 1 4	50,000
All business under general contract or directly for owners Distribution not reported Distributed by class	36 	7, 440, 643 50, 129 7, 390, 514	$\frac{1}{22}$	5, 808, 539 50, 129 5, 758, 410	 13	1, 632, 104	Municipal All business under general contract or directly for owners	18 44	1, 595, 653 5, 960, 122	6 20	1, 092, 975 4, 528, 556	12 18	502, 678
Building Distribution not reported. Distributed by class Commercial	30 1 29 19	4, 241, 817 95, 657 4, 146, 160 973, 753	$     \begin{array}{r}             17 \\             1 \\           $	2, 611, 807 95, 657 2, 516, 150 009, 979	13  13 10	1, 630, 010 1, 630, 010 363, 774	Building Distribution not reported Distributed by class Commercial	41 3 38 9	4, 757, 109 1, 577, 991 3, 179, 208 293, 636	20 23 2 21	3, 453, 957 1, 073, 170 2, 380, 787 230, 066	18 1 17	1, 303, 242 504, 821 798, 421
Educational Hotel Hospital and institu- tional Manufacturing Military and naval Public: Courts, jails, etc.	15 4 14 9 2 7	1, 021, 041 17, 960 699, 495 575, 662 173, 528	5 1 7 3 1 2	> 55, 328	10 3 7 6 1 5	312, 759 ( <sup>2</sup> ) 282, 523 185, 630 118, 200	Educational Hospital and institu- tional. Manufacturing Public: Courts, jails, etc. Religious and memorial. Residential.	7 3 3 4 28	725, 225 123, 059 51, 492 70, 859 83, 139 1, 647, 150	2 2 2 17	644, 545 (2) (2) (2) (2) (2) 1, 181, 088	1 3 1 2 11	63, 570 80, 680 ( <sup>2</sup> ) 51, 492 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> ) 466, 062
Religious and memorial. Residential. Social and recreational. Rail and water trans- portation. Miscellaneous.	11 16 6	185, 707 370, 433 38, 057 90, 524	3 6 1	149, 000 170, 857 (²)	8 10 5	36, 707 190, 576 ( <sup>2</sup> ) ( <sup>2</sup> ) ( <sup>2</sup> )	Social and recreational Miscellanaous Public works and utilities Bridge, tunnel, etc Park, grounds, etc Water supply Sewage disposal and drain-	1 6 3 1 1 2	184, 648 631, 221 172, 295	$ \left\{\begin{array}{c} 1\\ 3\\ -1\\ 1\\ 2 \end{array}\right\} $		{} 	106, 725
Highway and street. Public works and utilities. Bridge, tunnel, etc. Refuse disposal plant Sewage disposal and	1 4 5 7 4 1	2, 655, 279 406, 302 254, 000 151, 700	1 5 4 4	(2) 2, 655, 279 (2) 254, 060 151, 700	2	(2)	Age Highway and street Miscellaneous, n. e. s All business under subcontract.	3 5 2 34	458, 926 571, 702 2, 492, 967	3 4 1 2	458, 926 (2) (2) (2)	1 1 32	(2) (2) (2)
drainage Park, grounds, etc Water supply Railroad and car line Air transport work	2 2 1 1 1 1 2	632 87, 026	{ { { 1 1	(2) (2) (2) (2)	2 1 1	632	Carpentering and wood flooring Electrical Painting and decorating Glass and glazing	2 2 1 1 1 2 2	219, 774	1    	(2)	1 2 1	(2) (2) (2) (2) (2)
Miscellaneous, n. e. s All business under subcontract. Distribution not reported Distributed by class	21 1 20	1, 123, 522 65, 000 1, 058, 522		(2) 74, 491 	1 18 1 17 17	(2) 1, 049, 031 65, 000 984, 031 (2)	Stonework Marble and tiling Heating and plumbing Heating and plping Pipe covering	$\left. \begin{array}{c} 1\\2\\2\\4\\1\\1\end{array} \right\}$	606, 103	-		$\begin{pmatrix} 1 \\ 2 \\ 2 \\ - 4 \\ 1 \end{pmatrix}$	760, 192 606, 103 415, 415
Concreting Masonry Plastering and lathing Marble and tiling Heating and plumbing Heating and piping	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	123, 018 170, 194 33, 370		(2) (2) (2) (2) (2)	1	(2) (2) (2) (2) (2) (2)	Roofing and sheet-metal work Roofing Sheet metal work	4 	224, 710			4 8 5	190, 688 373, 210 224, 710
Pipe covering Plumbing Plumbing and heating combined Roofing and sheet-metal	1   1   3	136, 824	\ -  -		$   \begin{bmatrix}     2 \\     1 \\     1 \\     3   \end{bmatrix} $	136, 824	Roofing and sheet metal combined Steel erection Excavating Ornamental iron	1 ] 3 4 4	148, 500 . 234, 939 . 186, 749 112, 000 .	-  -	(2)	1) 3 3 4	148, 500 234, 939 ( <sup>2</sup> ) 112, 000
work	0 5 2 2 2 2 2 2 2 2 2 3	240, 877 167, 795 73, 082 364, 122 64, 578 95, 733	1 ] 	(2) (2) (2) (2) (2) (2) (2)	5 4 2 2 1 2	(2) (2) (3) (3) (3) (4) (2) (2) (2)							

Includes general contractors contractors contractors, fooring,
 <sup>14</sup> Includes establishments reporting the following types of work: General contractors, sewer, gas, water, conduit, 1; rental of equipment, 1. Subcontractors, flooring,
 <sup>15</sup> Includes establishments reporting the following types of work: General contractors, sewer, gas, water, conduit, 1; rental of equipment, 1. Subcontractors, flooring,

n. e. s. 2. <sup>16</sup> Includes establishments reporting the following types of work: General contractors, carpentering, and wood flooring, 1; subcontractors, carpentering and wood flooring. 1; electrical, 1.

127100-33-53

## TABLE 3.--CONSTRUCTION BUSINESS DURING 1929, BY LOCATION

CLASSIFICATION OF ESTAB- LISHMENTS	Establishments reporting	Total	In home city	In home State	Outside home State	CLASSIFICATION OF ESTAB- LISHMENTS	Establishments reporting	Total	In home city	In home State	Outside home State
NEW YORK	4, 240	Dollars 1,274,495,188	Dollars 861,497,946	Dollars 1,099,472,439	Dollars 175,022,749	BUFFALO	248	Dollars 56, 671, 606	Dollars 33, 151, 867	Dollars 51, 608, 682	Dollars 5, 062, <del>924</del>
Operative builders	1	,,	( · · · )	1	í í	General contractors <sup>8</sup> Building Building not specialized <sup>8</sup> Residential building	87 63 50	24, 663, 048	15,399,388	83, 432, 897 23, 580, 940 21, 442, 690	3, 219, 444 1, 082, 108 1, 082, 108
Building Building not specialized. * Commercial building	1, 243 820	552, 398, 229 478, 124, 235	509, 772, 595 369, 426, 470 313, 082, 745	472, 205, 585 402, 842, 950	131, 194, 283 80, 192, 644 75, 281, 285	Residential building only Highway	13	2, 138, 250		2, 138, 250 3, 703, 498	
Manufacturing building	117	22, 997, 927 1, 306, 821	18, 706, 382 919, 909	208, 856, 667 932, 209		Street paving. Sewer, gas, water, conduit. Other classes 9	6	2,680,816	2, 669, 728 851, 097	2, 680, 816 1, 471, 186 1, 996, 457	
only Residential building only History	299 132		36.717.434	47. 573. 759	2, 395, 487	Subcontractors Carpentering and wood	161	20, 019, 265		18, 175, 785	10, 000 1, 843, 480
Highway Bridge and oulvert Grading Street paving Street paving Street paving Sever, gas, water, conduit. Dam and reservoir Weterworks	24 23 96	19 200 702	1 4 094 7011	7, 509, 531	5, 800, 171	Concreting Electrical	54	236, 790	179, 488	600, 449 235, 290 2, 640, 748	7,918 1,500
Sewer, gas, water, conduit. Dam and reservoir.		1,658,686	1, 588, 935 28, 928, 688 8, 745, 346 167, 912	1,608,686	1, 959, 099 50, 000	Electrical Elevator construction <sup>10</sup> Heating and plumbing Heating and piping <sup>4</sup>	19 52 52	2,760,143	630,092	1, 408, 667 6, 180, 362	1, 351, 476 160, 616
Waterworks Dredging, river, harbor, etc. Bailroad.	30			10, 885, 597 8, 639, 974 3, 937, 162		Plumbing and heating	28	2, 865, 206		2, 901, 529 2, 830, 934	132, 344 34, 272
Central station: light and	. 8		1 1	1, 586, 571		combined Masonry and stone work Painting, decorating, and	7 5		333, 893	447, 899 344, 876	
Refuse disposal plant Subway (other than build-	13	22, 915, 075 497, 018	75, 195	21, 162, 732 110, 572	387, 046	glazing Plastering and lathing Roofing and sheet-metal work	12 4	730, 239 693, 279	496, 777		
Other classes <sup>1</sup>	28	66, 222, 779 1, 380, 735	609, 525	66, 078, 382 1, 139, 428		Sheet metal work	27 14 6	2, 305, 729 1, 139, 312 463, 293	1,077,272	2, 296, 804 1, 139, 312 454, 368	
Subcontractors Carpentering and wood- flooring	2, 464 98		310, 622, 836 10, 357, 551			Roofing and sheet metal combined Steel erection Marble and tiling	7 4	703, 124 674, 920		703, 124 674, 920	33, 032
flooring. Concreting Electrical Elevator construction	24	19, 388, 899 45, 290, 541 24, 427, 677	13, 572, 782 32, 350, 948 19, 027, 608	16, 706, 470 39, 230, 585 21, 545, 191	6,059,956 2,882,486	Metal work, n. e. S	7 4 7 8 3 6	739, 681 411, 357 291, 225	340,011 244,155	284,659	33, 032 6, 566 63, 185
Heating and plumbing Heating and piping Pipe covering	898 204 11	$\begin{array}{c} 11,712,286\\ 19,388,899\\ 45,290,541\\ 24,427,677\\ 118,096,997\\ 34,585,605\\ 2,578,994\\ 65,073,151 \end{array}$	07, 829, 298 27, 044, 538 2, 038, 068	113, 808, 818 33, 136, 851 2, 472, 761	4,288,179 1,448,754	Other classes "		-,,,	454, 398	967, 486	
Plumbing Plumbing and heating combined	482 192		56, 876, 388 10, 193, 007	2, 472, 761 63, 256, 390 12, 633, 734	1, 816, 761 360, 928	NEW YORK CITY Operative builders	2, 253  69		689, 998, 366 38, 213, 540	805, 413, 683 30, 252, 202	
Automatic temperature control Automatic sprinkler sys-	3	844, 066		690, 471	153, 595	General contractors Building	691 534	602, 810, 015 412, 093, 394	399, 570, 262 280, 742, 935 242, 716, 535	480, 745, 900 336, 587, 516 292, 008, 881	122, 064, 115 75, 505, 878
tems Masonry Painting and decorating	98 198	13, 423, 546	14, 584, 438	1, 618, 611 16, 455, 737 12, 840, 399	401, 908 1, 803, 904 583, 147	Building not specialized. Commercial building only	329 98		242, 716, 535 16, 378, 833	292, 008, 881 18, 444, 644	71, 110, 642 2, 141, 260
Glass and glazing Plastering and lathing Roofing and sheet-metal	28 80	2, 728, 363 22, 906, 877	2, 546, 196 18, 681, 004	2, 673, 858 21, 945, 623	55, 005 961, 254	Manufacturing building only Residential building	4	909, 003	522, 091	534, 391	374, 612
work Roofing Sheet-metal work	237 101 76	22, 716, 976 10, 391, 112 7, 477, 612	16, 140, 274 6, 251, 535 6, 498, 994	20, 728, 053 8, 663, 405 7, 315, 003	$\begin{array}{c} 1,988,923\\ 1,727,707\\ 162,609 \end{array}$	only Highway Bridge and culvort Grading	103 8 6	3, 973, 162 10, 057, 887	21, 125, 476 885, 252 3, 697, 215	25, 599, 600 3, 706, 351 4, 388, 716	1, 879, 364 266, 811 5, 669, 171
Roofing and sheet metal combined	60 66	4, 848, 252	3, 389, 745	4, 749, 645	98, 607 1. 546, 440	Street paying	3 36 18	239, 954 22, 088, 405 10, 838, 055	185, 351 17, 481, 082 5, 466, 453	239, 954 19, 033, 904 9, 273, 956 8, 822, 010	3, 054, 501 1, 564, 099
Stonework Marble and tiling Wrecking	88 158 13	7, 552, 833 28, 189, 628 1, 108, 303	6, 381, 949 21, 269, 954 1, 000, 323 11, 071, 006 9, 360, 979	7, 134, 596 26, 714, 254 1, 012, 823	418, 237 1, 475, 374 95, 480	Sewer, gas, water, conduit. Waterworks Dredging, river, harbor, etc.	11	18, 919, 594	8, 308, 610	7, 261, 225	19, 109, 411
Hyperpeting	47	11, 847, 849 15, 705, 541 1, 190, 193	11,071,006 9,360,979 639,605	11, 730, 061 13, 285, 790 1, 097, 424	117,788	Railroad Foundation Central station, light and	20 11 6	8,095,088 1,519,503	2, 878, 028 1, 519, 503	3, 873, 521	4, 221, 567
Ornamental iron Highway Grading Sound proofing Foundation	6 4 3 11	19, 902, 501	216, 599	235, 918	000 00	power plant Refuse disposal plant Subway (other than build-	9 3	21, 462, 780 497, 618	7, 977, 927 75, 195	19, 710, 443 110, 572	1, 752, 343 387, 046
Foundation Metal work, n. e. s Flooring, n. e. s Other classes 3	14 17 6	1, 623, 782 2, 794, 119 939, 928	1 1. 131. 583	5, 472, 910 1, 477, 218 2, 183, 450 539, 992	146, 566 610, 669 3 99, 936	Ings) Other classes <sup>12</sup>	23 3	66, 222, 779 431, 154	65, 736, 023 132, 002	66, 078, 382 139, 847	144, 397 291, 307
ALBANY			745-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-			Subcontractors Carpentering and wood flooring	1., 493 71	326, 167, 792 9, 857, 576	252, 214, 564 8, 645, 343	285, 415, 531 9, 297, 564	560 019
General contractors Building	35 21	8,978,827 5,174,819	6, 085, 594	8, 561, 586		Concreting Electrical Elevator construction	51 144 18	17, 815, 270 35, 869, 051 21, 545, 989	8, 645, 343 12, 885, 230 24, 975, 675 18, 458, 865 69, 645, 817 18, 413, 636 1, 934, 252 44, 332, 217	$\begin{array}{c} 5,29,304\\ 15,140,341\\ 29,959,473\\ 20,014,339\\ 76,073,141\\ 21,643,314\\ 1,984,252\\ 47,079,707 \end{array}$	2,665,929 5,909,578 1,581,650
Building not specialized. Commercial building	15 3	4, 240, 702 574, 059	3, 255, 834 574, 059	4, 240, 702		Heating and plumbing Heating and piping <sup>13</sup> Pipe covering	466 108 6	79, 633, 103 23, 109, 819 2, 069, 252	69, 645, 817 18, 413, 636 1, 934, 252	76, 073, 141 21, 643, 314 1, 984, 252	3, 559, 962 1, 466, 505 85, 000
only Residential building only Highway	8	360,058 951,850	360, 058		57, 241	Plumbing Plumbing and heating combined	286 63			47, 079, 707 4, 037, 564	1, 565, 930 83, 862
Highway Street paving Other classes <sup>1</sup>	5 6	1, 210, 135 1, 642, 023	951, 461 944, 182	1,282,023	360,000	Automatic sprinkler sys- tems			and the second second		358, 665
Subcontractors Electrical Heating and plumbing	34     4     15	3, 543, 903 232, 758 1, 375, 388	$1,935,783 \\ 222,758 \\ 1,116,913 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	3,452,477 232,758 1,375,389	91, 426	Masonry Painting and decorating Glass and glazing Plastering and lathing	136 18 64		8, 954, 360 2, 064, 750 17, 730, 301	13, 616, 719 9, 490, 120 2, 091, 900 19, 931, 812	495, 034 55, 005 930, 743
Heating and piping s Plumbing	6 9 5	846, 755 528, 633 306, 680	588, 280 528, 633 285, 395	846,755 528,633		Roofing and sheet-metal work Boofing		13, 187, 961 5, 578, 704 5, 322, 172			1, 869, 280 1, 660, 716
Roofing and decorating Roofing and sheet-metal work		343, 705 1, 285, 372	158, 542	3, 452, 477 232, 758 1, 375, 388 846, 756 528, 633 306, 680 341, 376 1, 196, 276	2, 330 80, 004	Roofing Sheet-metal work Roofing and sheet metal combined	1	5, 322, 172 2, 287, 085			147, 180 61, 887
See footnotes at end of		1, 200, 3720	100	1, 100, 270	00,000 I	Compression and a second s					
· · · · ·											en de la composition

## TABLE 3.-CONSTRUCTION BUSINESS DURING 1929, BY LOCATION-Continued

	1						10				
CLASSIFICATION OF ESTAB- LISHMENTS	Establishments reporting	Total	In home city	In home State	Outside home State	CLASSIFICATION OF ESTAB- LISHMENTS	Establishments reporteing	Total	In home city	In home State	Outside home State
NEW YORK CITY- Continued.						BROOKLYN BOR- OUGH-Continued,					
Subcontractors-Continued. Steel erection	43 34 118 11 20 83 3 3	Dollars 16, 980, 322 7, 208, 184 24, 105, 654, 972, 301 10, 758, 832 14, 928, 678 856, 870 581, 236		Dollars 15, 540, 180 6, 790, 684 22, 762, 784 876, 821 10, 641, 044 12, 515, 567 817, 330 482, 236 5, 235, 054	Dollars 1, 440, 142 417, 500 1, 342, 870 95, 480 117, 788 2, 413, 111 39, 540 99, 000 14, 429, 591	Subcontractors—Continued. Stonework	11 34 4 24 3 6	Dollars 2, 144, 439 4, 384, 241 810, 388 2, 850, 540 667, 035 884, 163	Dollars 1, 814, 477 2, 951, 940 295, 388 2, 112, 792 369, 388 371, 663	Dollars 2, 144, 439 4, 202, 503 310, 388 2, 736, 436 527, 036 384, 163	181, 738
Foundation Metal work, n. e. s Flooring, n. e. s	10 9 11	1,067,945 2,339,492	770, 298	927, 945 1, 738, 779	140,000 600,713	MANHATTAN BOR- OUGH					
Other classes 14	3	543, 962	144, 026	144, 026	399, 936	Operative builders General contractors	450		25, 044, 525 328, 590, 674		
BRONX BOROUGH		53, 233, 798 3, 799, 244		52, 702, 727 3, 799, 244	531,071	Building Building not specialized Commercial building	371 243	308, 295, 024 330, 669, 188	243, 442, 678 215, 279, 765	397, 858, 479 292, 981, 577 259, 349, 365	75, 313, 447 71, 319, 823
Operative builders	50	20, 039, 094				Residential building only	74 54	17, 278, 898 20, 346, 938 2, 471, 037	13,682,924 14,479,989	15, 164, 638 18, 467, 574 2, 204, 226	2, 114, 260 1, 879, 364
Building Building not specialized Commercial building	32 20	8, 310, 984 5, 638, 794 683, 355	7, 533, 220 4, 861, 030 683, 355	19, 981, 828 8, 253, 718 5, 581, 528 683, 355	57, 266 57, 266 57, 266	Bridge and culvert.	4	9, 651, 749 10, 806, 229 5, 546, 472	3, 291, 077 6, 573, 021 3, 529, 590	3,082,578 7,751,728	1 5 660:171
only Residential building only Street paving and highway. Sewer, gas, water, conduit	8	683, 355 1, 988, 835 3, 377, 076 1, 077, 623	2,872,961	1, 988, 835 3, 377, 076 1, 077, 623		Waterworks Drodging, river, harbor, oto Railroad Central station, light and	7 12 8	18, 236, 972 24, 130, 692 7, 071, 507	7, 844, 588	1	10, 065, 326 18, 356, 649 3, 971, 567
Foundation Other classes <sup>15</sup>	I. 1	585, 740 6, 687, 671	[ [	6, 687, 671		Central station, light and power plant Subway (other than build-	. 8				1, 752, 343
Subcontractors Carpentering and wood flooring Concreting	212 19	29, 395, 460 2, 448, 509		28, 921, 655 2 448 509	473, 805	Other classes <sup>21</sup>	17	49, 954, 981 597, 969	49, 810, 584 178, 817	49, 810, 584	144, 397 411, 307
Concreting Electrical	15 5 9 46	442, 363 875, 753 4, 324, 754	442, 363 810, 053	442, 363 875, 753	473, 805	Subcontractors. Carpontering and wood	809	222, 382, 877	166, 688, 950	186, 882, 961	35, 499, 916
Electrical Heating and plumbing Heating and pipe cover- ing		1, 139, 881 2, 743, 429	(	1, 139, 881		flooring Concreting Electrical	82 40 114	4,768,837	4, 313, 591 11, 729, 347	4, 495, 301 13, 944, 458 23, 088, 773	2, 665, 929
Plumbing Plumbing and heating combined	30	2, 743, 429 441, 444	2, 685, 547 355, 269	2, 743, 429		Heating and plumbing	14 242	15, 570, 354 52, 836, 965	14, 009, 953 44, 529, 884	14, 950, 239 49, 385, 422	0.401.043
Painting and decorating	14 5 8	8, 138, 286 231, 097 511, 437	8, 138, 286 231, 097	3, 188, 286 231, 097 511, 437		Heating and piping <sup>13</sup> Pipe covering Plumbing Plumbing and heating	57 3 148	4, 708, 837 16, 650, 387 28, 318, 282 15, 570, 354 52, 836, 965 16, 114, 435 1, 952, 545 31, 191, 011	12, 168, 649 1, 817, 545 27, 689, 981	14, 751, 488 1, 867, 545 20, 625, 080	1, 362, 947 85, 000 1, 565, 931
Plastering and lathing Roofing and sheet-metal work		2, 620, 067	503, 987 2, 485, 390	2, 566, 223	53, 844	Plumbing and heating combined Automatic sprinkler systems	31	1, 892, 005		1, 813, 005	19.44
work. Roofing and sheet motal combined. Stonework. Marble and tiling. Excavating. Ornamental iron Metal work, n. c. S. <sup>16</sup> Other classes <sup>17</sup> .	6 10	416, 531 1, 477, 373	1, 447, 373	1	53, 844	Masonry	3 27 109	$\substack{1,\ 686,\ 969\\10,\ 428,\ 947\\8,\ 478,\ 674}$	1, 308, 304 8, 002, 888 7, 483, 074 1, 374, 646	1, 328, 304 8, 789, 909 7, 986, 480	358, 665 1, 639, 038 492, 194
combined steel erection	6 10 7	726, 163 1, 523, 029 772, 544	625, 663 1, 481, 429 680, 594	672, 319 1, 513, 029 772, 544	53, 844 10, 000	Glass and glazing Plastering and lathing	$12 \\ 46$	1, 456, 801 18, 785, 348	1, 374, 646 15, 777, 306	1, 401, 790 17, 854, 605	55, 005 930, 743
Marble and tiling Excavating	21 8	4, 101, 744 1, 590, 991	3, 862, 727 1, 500, 991	8, 954, 173 1, 590, 991		Roofing and sneet-metal work Roofing	42 15	5, 678, 417 3, 852, 429	3, 399, 090 1, 752, 793 899, 648	4, 008, 062 2, 237, 246 973, 048	1, 670, 355 1, 615, 183
Metal work, n. e. s. <sup>16</sup> Flooring, n. e. s.	26 5 5	4, 087, 763 1, 827, 598 569, 496	8, 539, 851 1, 827, 598 526, 084	3, 835, 215 1, 827, 598 559, 654	202, 548 9, 842	Sheet metal work Roofing and sheet metal combined	14 13	J, 020, 877 805, 811	748 840	707 788	-47, 629 7, 543
Other classes 17	4	330, 029	330, 029	330, 029		Painting and decorating Glass and glazing Plastering and lathing Noofing and sheet-metal work Roofing and sheet metal combined. Steel erection Stonework Marble and tiling Warble and tiling	13 12 12 43	12, 554, 429 2, 950, 579 10, 177, 264 806, 001	10, 843, 236 2, 287, 172	11, 136, 623 2, 534, 916	1, 417, 806 415, 663
BROOKLYN BOR- OUGH	443	82, 292, 001	67, 855, 078	80, 475, 405	1, 816, 596	Wrecking. Excavating. Ornamental iron. Sound proofing. Flooring, n. e. S. Other classes <sup>22</sup>	43 9 11	806, 001 8, 140, 998	7 019 2070	9, 240, 846 770, 521 8, 023, 210	936, 418 95, 480 117, 788
Operative builders	22 103	5, 881, 905	5, 795, 613	5, 881, 905	207 258	Ornamental iron Sound proofing Foundation	26 3 7	8, 140, 998 2, 518, 180 581, 236 19, 498, 057 1, 562, 996 560, 125	1, 835, 723 357, 230 8, 700, 056 852, 763	2, 486, 784 482, 236 5, 068, 466	95, 480 117, 788 31, 396 99, 000 14, 429, 591 528, 871 309, 936
Building Building not specialized Commercial building	77 45	37, 566, 451 26, 738, 755 22, 333, 275	81, 077, 807 22, 978, 986 18, 797, 901	37, 269, 193 26, 723, 755 22, 333, 275	15, 000	Flooring, n. e. s Other classes <sup>22</sup>	7 5 3	1, 562, 996 560, 125	852, 763 160, 189	1, 034, 125 160, 189	528, 871 899, 936
Residential building only	$     \begin{array}{c}       11 \\       21     \end{array} $	$\begin{array}{c}1,366,366\\3,039,114\\4,224,505\\2,208,385\end{array}$	$\begin{array}{c} 1,278,074\\ 2,903,011\\ 4,224,505\\ 254,318 \end{array}$	$\begin{array}{c}1,351,366\\3,039,114\\4,224,505\\2,208,385\end{array}$	15,000	QUEENS BOROUGH Operative builders	216	59, 953, 670 3, 813, 158	46, 257, 041	56, 067, 257 3, 813, 158	3, 886, 413
Sewer, gas, water, conduit. Dredging, river, harbor,	0 5					General contractors	62		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		637, 211
etc Railroad <sup>18</sup> Other classes <sup>19</sup>	3 6 4	385, 680 3, 594, 246 414, 880	368, 130 2, 869, 246 382, 622	385, 680 3, 344, 246 382, 622	250, 000 32, 258	Building Building not specialized Commercial building	43 20	· · · · · · · · · · · · · · · · · · ·	16, 593, 698 5, 462, 461 3, 386, 827	20, 562, 669 7, 302, 876 4, 366, 001	and the second second
Subcontractors Carpentering and wood	318	38, 843, 645	30, 981, 658	37, 324, 307	1, 519, 338	Only Residential building only	9 14 4	$\begin{array}{c} 1,257,285\\ 1,691,590\\ 1,473,747\\ 1,750,026\\ 2,005,575 \end{array}$	734, 480 1, 341, 154 540, 427	1, 245, 285 1, 691, 590 1, 473, 747	
flooring Electrical Elevator construction	$9 \\ 12 \\ 3$	940, 111 1, 167, 809 4, 388, 405	664, 197 1, 100, 963	901, 586 1, 167, 809 3, 478, 960	38, 525	Highway	5 4	1, 750, 020 2, 005, 575	1, 750, 026 935, 575	1, 750, 026 1, 755, 575	250, 000
Heating and plumbing	119 34	940, 111 1, 167, 809 4, 388, 495 13, 057, 021 3, 864, 946 8, 412, 092	664, 197 1, 100, 963 2, 261, 772 11, 985, 748 3, 552, 314 7, 668, 623	901, 586 1, 167, 809 3, 476, 960 13, 051, 739 3, 864, 526 8, 412, 092	911, 535 5, 282 420	Other classes 23	3 3	7, 462, 921 1, 084, 570	7, 120, 562 784, 647	7, 462, 921 817, 524	267, 046
Plumbing and heating combined	72 13				4, 862	Subcontractors Carpentering and wood	144	34, 940, 632	26, 138, 185	31, 691, 430	3, 249, 202
Painting and decorating Plastering and lathing Roofing and sheet-metal	14 22 5	779, 983 1, 153, 557 1, 275, 383 557, 766	764, 811 1, 103, 706 1, 240, 189 557, 766		350 2, 840	Concreting Electrical Heating and plumbing Heating and pipe cover-	11 4 8 51	1, 700, 119 561, 070 5, 423, 207 8, 928, 185	1, 313, 507 552, 070 3, 743, 138 8, 513, 940	1, 452, 168 561, 070 4, 743, 138 8, 825, 047	247, 951 680, 069 103, 138
Roofing Roofing and sheet metal	35 10 14	3, 540, 168 645, 804 2, 199, 693	2, 923, 677 592, 383 1, 905, 873	3, 415, 204 620, 396 2, 100, 137	124, 964 25, 408 99, 556	Heating and pipe cover- ing Plumbing_and heating combined	11 32	2, 107, 264 6, 095, 451	1, 720, 130 6, 084, 411	2, 004, 126 6, 095, 451	103, 138
combined	11 17	694, 671 2, 022, 529	425, 421 1, 227, 992	694, 671 2, 022, 529	· · · · · · · · · · · · · · · · · · ·	Combined Masonry	8 4	725, 470 535, 317	709, 399 367, 745	725, 470 535, 317	
See footnotes at end of	table										

#### TABLE 3.—CONSTRUCTION BUSINESS DURING 1929, BY LOCATION—Continued

CLASSIFICATION OF ESTAB- LISIMENTS	Establishments reporting	Total	In home city	In home State	Outside home State	CLASSIFICATION OF ESTAB- LISPMENTS	Establishments reporteing	Total	In home city	In home State	Outside home State
QUEENS BOROUGH- Continued. Subcontractors-Contd. Plastering and lathing- Roofing and sheet metal work. Subcontractors Stonework. Marbie and tiling. Excavating. Ornamental iron Highway and grading. Other classes <sup>24</sup> RICHMOND BOR- OUGH. General contractors <sup>8</sup> Building. Building not specialized Residential building only Street paving. Dredging, river, harbor etc.	6 7 4 19 5 7 8 6 87 27 12 6 6	2, 110, 569	636,059 1, 343,650 678,559 620,539 4,930,521 1,374,590 902,103 412,487 2,110,560	5, 717, 906 5, 122, 73 1, 374, 594 962, 10 412, 48 2, 110, 569	20, 125 20, 125 12, 336 1, 837 67, 143 2, 39, 540 62, 000 762, 762 1, 752, 762 3,	SYRACUSE General contractors Building Highway Street paving Other classes <sup>30</sup> Outer classes <sup>30</sup> Subcontractors Concreting and masonry Electrical Heating and plumbing Heating and plumbing Flumbing Plumbing and heating combined Roofing and sheet-metal work Sheet-metal work Steel erection Marble, tiling, and plaster- ing Ornamental iron <sup>30</sup> Other classes <sup>31</sup>	63 6 28 8 17 3 9 6 3 3	359, 320 1, 242, 743 449, 780 771, 136 322, 994 685, 244 1, 076, 694 531, 736	1, 181, 876 506, 822 652, 018 4, 485, 737 167, 305 610, 093 1, 672, 883 333, 020 1, 009, 705 209, 558 582, 098 355, 919 227, 079 520, 702 576, 059 227, 835 8, 771, 539	449, 780 1, 094, 130 771, 136 322, 99 685, 24 1, 076, 69 531, 730 245, 94 8, 406, 894	
61C Other classes <sup>26</sup> Subcontractors <sup>26</sup> ROCHESTER General contractors	_ 10 _ 135	26, 749, 920	561, 178 20, 889, 717	619, 076 595, 17 26, 668, 09	0 8 10,000 6 81,824	General contractors Building Street paving and highway. Subcontractors Electrical	26	2, 982, 75 2, 900, 279 2, 523, 869 580, 110 1, 156, 470	841,219           1,305,810           3           362,200           469,128	5, 883, 03 2, 982, 75 2, 900, 27 2, 523, 86 580, 11 1, 156, 47 816, 76	0 
Building Building not specialize Residential building onl Highway Street paving Other classes <sup>27</sup>	. 37 1. 30 y. 7 . 5	13, 624, 960 12, 966, 57, 658, 39 1, 630, 61 3, 014, 27 406, 51		400, 51	6 25,000 5 25,000 1 6 5 5	Steel erection \$2         Other classes \$3         YONKERS         General contractors \$	63	273, 43 287, 69 7, 649, 51 3, 748, 63 2, 561, 88	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 w 000 07	3 3 9 
Subcontractors Carpentering and wood flooring Electrical Heating and plumbing Heating and pipe cover ing Plumbing and heatin combined		382, 39           1, 452, 49           3, 250, 58           1, 491, 06           1, 220, 89           3, 538, 62	2 357, 30 7 1, 077, 19 2 2, 608, 68 4 1, 260, 55 949, 25	2 382, 39 3 1, 420, 83 3 3, 241, 61 7 1, 491, 06 2 1, 211, 91 7 538, 62	22 31, 662 11 8, 971 34 19 8, 971	Building Building not specialized <sup>8</sup> Residential building only Other classes <sup>34</sup> Subcontractors Heating and plumbing Heating and pipe cover- ing Plumbing Painting, decorating, and		1, 817, 87, 87, 0           744, 01           1, 186, 74           3, 900, 88           1, 341, 04           1, 198, 61           1, 192, 42	1, 283, 266           570, 895           647, 943           4         2, 657, 456           3         973, 933           9         841, 816           4         132, 624	3, 888, 24 1, 341, 04 1, 108, 61 142, 42	a 12, 63 1 3 
Masonry Roofing and sheet-metr work. Sheet-metal work. Steel erection <sup>10</sup> Painting and decorating. Marble tiling and plaster ing. Other classes <sup>18</sup>		984, 61	8 895, 50 4 371, 17 4 524, 33 5 299, 94 4 299, 45 2 240, 52	$\begin{array}{ccccccc} 7 & 984, 61 \\ 4 & 385, 17 \\ 3 & 599, 42 \\ 8 & 427, 06 \\ 1 & 312, 95 \\ 0, & 637, 46 \end{array}$	18, 197 18 18 18 14 14 24 24 20 20 	Roofing and sheet-metal work Roofing Sheet-metal work Steel erection Stonework and concreting_	-	3         138, 20           5         501, 19           5         311, 61           4         189, 58           3         323, 18           3         641, 82           3         201, 50           7         753, 92	7         361, 320           0         302, 610           7         58, 710           9         144, 930           17         429, 075           10         174, 000	489, 19 311, 01 177, 58 323, 18 641, 10 201, 50	0 37 12,00 39 63
<ul> <li>Includes fibe covering,</li> <li>Includes concreting;</li> <li>Includes concreting;</li> <li>Includes operative bit includes bridge and (</li> <li>Includes bridge and (</li> <li>Includes cornamental</li> <li>Includes dam and ret</li> <li>Includes automatie t</li> <li>Includes contral, sever, gas,</li> <li>Includes contral stati</li> <li>Includes contral stati</li> </ul>	work; ulvert; g; and . s. steel er ilders. ulvert; iron. . s.; hi ervoir; empera water, on, ligi structi	telephone 1 ; sewer, gas, automatic t ection; marl dredging, r ghway; sew and radio t ture contro. conduit; wa nt and powe on.	Ine and syst: water, cond emperature ole and tilin iver, harbor er, gas, wate ower, etc. terworks; an r plant; and	em; and rad uit; waterw uit; dredgin; control. g; and gradin , etc.; railroa r, conduit; a d dredging, subway (oth	no tower. orks; dreedgin g, river, harb ag. ad; and centr and foundatio river, harbor aer than built	, etc. dings).		quipment, t l power plan	rucking, etc. t.		
<sup>29</sup> Includes bridge and <sup>30</sup> Includes metal work, <sup>21</sup> Includes carpenterin <sup>34</sup> Includes carpenterin <sup>35</sup> Includes elevator con	ver, has ervoir; umbin struction ulvert; n. e. s y and w struction	bor, etc.; fo ewer, gas, w waterworks g; plumbing and sewer, on; glass and ; grading; da yood flooring on; and orna	undation; an ater, condui ; and refuse and heating gas, water, d l glazing; an m and reser ; painting a mental iron	Id refuse disp t; foundation disposal plan conduit. d flooring, n. voir; and wa ad decoration	posal plant. 2; metal work and marble a . e. s. terworks. g; glass and g	er, etc. ;, n. e. s.; and flooring, n. e. s. nd tiling. lazing; grading; and flooring, n. d tiling; and excavating. antal iron; and metal work, n. e	e. s.				

#### TABLE 4.-CONSTRUCTION BUSINESS OUTSIDE HOME STATE, BY LOCATION

	LOCATI	ON REPORTED	BY-		LOCATI	ON REPORTED	вү—
STATE OR COUNTRY	All classes of establishments	General con- tractors	Subcon- tractors	STATE OR COUNTRY	All classes of establishments	General con- tractors	Subcon- tractors
NEW YORK				NEW YORK CITY			
Total distributed by State or country 1	\$175, 022, 749	\$131, 297, 935	\$43, 724, 814	Total distributed by State or country 4	\$162, 816, 376	\$122, 064, 115	\$40, 752, 261
Alabama	560, 123	526, 123	34, 000 104, 764	A labama. A rkansas.	560, 123 271, 111	526, 123 166, 347	34,000
Arkansas California Connecticut	271, 111 3, 986, 374 17, 795, 955	526, 123 166, 347 2, 645, 810 15, 188, 890 489, 060	1, 340, 564 2, 607, 065 2, 736 2, 355, 806	California. Connecticut	3, 986, 374	2, 645, 810 13, 315, 969	34, 000 104, 764 1, 340, 564 2, 160, 821
Delaware District of Columbia	491, 796		2,001,000	Delaware District of Columbia	491, 796 2, 489, 986	489,060	2, 736 2, 355, 800
Florida	. 741,510	543, 414	1 198, 199	Florida. Georgia	741.510	543, 414 86, 356	198, 096
Georgia Illinois Indiana	7, 414, 755 2, 387, 578	543, 414 543, 414 86, 356 6, 493, 285 2, 164, 144	72, 448 921, 470 223, 434	Illinois Indiana	7, 340, 497	6, 419, 353 2, 112, 020	921, 144 222, 934
Iowa	96, 126	208 641	223, 434 12, 528 14, 995	Towa Kansas	95, 926	83, 398 208, 641	12, 529 14, 997
Kansas Kentucky		12, 208 2, 135, 192 1, 250, 734	20, 885 50, 292	Kentucky Louisiana	33, 093 2, 185, 484	12,208	20,885
Maine.	1, 296, 742	1, 259, 734 771, 836	37,008	Maine Maryland Massichusetts	1, 286, 761 2, 388, 621	1, 259, 734 763, 380 5, 680, 196 2, 160, 740	27, 027 1, 625, 235
Massachusetts	2, 397, 071 8, 597, 155 4, 559, 639	6, 244, 901 2, 179, 740	1, 625, 235 2, 352, 254 2, 379, 899			5, 680, 196 2, 160, 740	27, 027 1, 625, 235 2, 310, 799 2, 379, 899
Mississioni	160, 202 445, 790	156, 364 401, 899	3,838	Minnesota Mississippi Missouri	3, 838 445, 790	401.899	43, 891
Kentucky Louislana Maino Maryland Massachusetts Michigan Minnosota Missisippi Missouri Nebraska New Hampshire New Jarsey New Maxico North Carolina North Carolina North Dakota	1, 280, 241 72, 925	956, 627 4, 551	323, 614 68, 374 32, 080 13, 892, 666	Missouri Nebraska	1, 250, 341 72, 925	926, 727 4, 551	323, 614 68, 374
New Hampshire	49, 583 67, 204, 523	17,503 53,311,857	32, 080 13, 892, 666	New Hampshire New Jersey	31, 974 66, 584, 889	2, 503 53, 014, 974	29, 471 13, 569, 915
New Mexico	12, 684 1, 177, 739	12, 684 1, 033, 697	144, 042	New Mexico North Carolina	12, 684 1, 132, 739	12, 684 988, 697	144,042
North Dakota Ohio	58, 170 2, 181, 476	58, 176 845, 873	1, 835, 603 22, 607	New Hampshire. New Hampshire. New Jersey. New Mexico. North Carolina. North Dakota.	58, 176 1, 803, 738	58, 176 631, 254	1, 172, 48
Oklahoma	58, 314	35, 707	7,471			35, 707	1, 172, 48 22, 60 7, 471
Öregon Pennsylvania Rhode Island	2, 315, 742	16, 352, 017 2, 147, 386	5, 469, 480 168, 356	Oregon Pennsylvania Rhode Island	18, 444, 403 2, 099, 742	14, 660, 588 1, 931, 386 95, 704	3, 783, 81 168, 35
South Carolina South Dakota	148, 767	107, 204 3, 449	41, 563	South Dakota	132, 267	3,449	36, 56
Tennessee Texas	367, 838 1, 451, 023	339, 159 1, 229, 544	28,679 221,479	Tennessee	367, 838 1, 451, 023	330, 159 1, 229, 544	28, 67 221, 47
Utah Vermont	6, 290 765, 832	724.878	6, 290 40, 954	Utah Vermont	6, 290 53, 989	41, 045	6, 290 12, 944
Virginia Washington	1,619,074 7,500	1, 451, 409	167, 665 7, 500	Virginia Washington West Virginia	53, 989 1, 227, 455 7, 500	1, 060, 083	167, 372 7, 500
West Virginia	1, 152, 598	1, 002, 718 62, 881	149,880 154,271	West Virginia Wisconsin		732, 260 62, 881 1, 933, 250	56, 233 154, 271
Wisconsin Other States, n. s Canal Zone	9, 240, 682 1, 776	62, 881 4, 508, 994	4, 731, 688 1, 776	Other States, n. s. Canal Zone	6, 522, 372 1, 776		4, 589, 116 1, 776
Hawaii Porto Rico	114, 412 5, 107	114, 412	5, 107	Wisconsin. Other States, n. s. Canal Zone. Hawali. Porto Rico.	114, 412 5, 107	114, 412	5, 107
Canada Mexico	1,703,709	1, 659, 438 766, 300	44, 271 717	Canada Mexico Colombia	1,020,000	1, 615, 000 766, 300	13, 890 717 1, 248, 833
Colombia Venezuela	1, 248, 833 516, 031		1, 248, 833 516, 031	Venezuela	010,031		516,031 6,910
ChinaJapan	6, 910 1, 303, 857	1, 303, 857 1, 355, 892	6, 910	China Japan Foreign, n. s	6, 910 1, 303, 857	1, 303, 857 1, 355, 892	485, 699
Foreign, n. s	1, 841, 591	1, 355, 892	485, 690	b oreign, n. s	1, 841, 591	1,000,002	400,000
ALBANY				BRONX BOROUGH			-
Total distributed by State ?	508, 667	417, 241	91, 426	Total distributed by State 4	531, 071	57, 266	473, 805
Connecticut Massachusetts	270, 000 6, 000	260, 000 6, 000	10, 000	Connecticut Massachusetts	8,816 15,522		8,810 15,522
New Jersey Pennsylvania	1 90.000 II	90, 000 57, 241		New Jersey Ohio	203, 890 50, 000	55, 000	148, 890 50, 000
Vermont Other States, n. s	25, 330	4, 000	21, 330 60, 096	Pennsylvania Other States, n. s	50, 577 202, 266	2, 266	50, 577 200, 000
			,	BROOKLYN BOROUGH			
BUFFALO			1 545 400	Total distributed by State 4	1, 816, 596	297, 258	1, 519, 338
Total distributed by State or country 3	5, 062, 924	3, 219, 444	1, 843, 480	Connecticut	139,015		139,015
Illinois Indiana	74, 258 500	73, 932	326 500	District of Columbia Massachusetts	10, 650 985		10, 650 985
Iowa. Maine	200 9, 981	200	9, 981 35, 157	Missouri New Jersey	42,000 691,198	297, 258	42,000 393,938 12,215 10,844 909,691
Massachusetts Michigan	19,000	19, 000 156, 364		Pennsylvania Rhode Island	12, 215 10, 844		10,844
Minnesota Missouri	156, 364 51, 025	156, 364 51, 025	00A 6	Other States, n. s	909, 691		909, 091
New Hampshire	2,609 59,654	 01 10#	2, 609 59, 654 163, 119	MANHATTAN BOROUGH			
Ohio. Pennsylvania	1, 933, 859	21, 120 505, 251	1, 428, 608 293	Total distributed by State or country 7	155, 819, 534	120, 319, 618	35, 499, 916
Virginia. West Virginia.	364, 105	$\begin{array}{c} 21,125\\ 505,251\\ 391,326\\ 270,458\\ 1,720,763\\ 10,000\end{array}$	93.647	Alabama Arkansas	560, 123 271, 111	526, 123 116, 347	34,000 104,764
Other States, n. s Canada	40, 381	1, 720, 763	19, 205 30, 381	California	3, 986, 374	2, 645, 810	1, 340, 564

See footnotes at end of table.

#### TABLE 4.-CONSTRUCTION BUSINESS OUTSIDE HOME STATE, BY LOCATION-Continued

	LOCATI	ON REPORTED	вт-		LOCATIO	ON REPORTED	ВҮ
STATE OR COUNTRY	All classes of establishments	General con- tractors	Subcon- tractors	STATE OR COUNTRY	All classes of establishments	General con- tractors	Subcon- tractors
MANHATTAN BOROUGH-Contd.			<u>`</u>	MANHATTAN BOROUGH-Contd.			
Potal distributed by State or country-		and the second		Total distributed by State or country- Continued.	,		
Continued. Connecticut	\$15, 210, 865	\$13, 315, 917	\$1, 894, 948	China	\$6, 910		\$6, 91
Delaware	491, 796	489,060	2,736	Japan Foreign, n. s	1, 303, 857 1, 841, 591	\$1, 303, 857 1, 355, 892	485, 69
District of Columbia	2, 479, 336 741, 510	134, 180 543, 414	2, 345, 156 198, 096	Foreign, n. s	1, 641, 081	1, 000, 002	<b>400, U</b>
Georgia	158, 804	86, 356	72,448	QUEENS BOROUGH			
Georgia Illinois	6, 660, 497	6, 419, 353	241 144	Total distributed by State 8	3, 886, 413	037, 211	3, 249, 2
Indiana		2, 112, 020 83, 398	222, 934 12, 528	-			
Iowa Kansas	223, 636	208, 641	14, 995	Connecticut	118, 094 680, 000	52	118, 0 680, 0
Kentucky	.1 33, 093	12,208	14, 995 20, 885	Illinois Massachusetts		104, 295	26, 0
Louisiana	2, 185, 484	2, 135, 192	50, 292 27, 027	New Jersey		525, 813	592, 1 22, 0
Maine.	1, 286, 761 2, 388, 621	1, 259, 734 763, 386	1 625 225	New Jersey North Carolina	22,000		22, 0
Maryland. Massachusetts.	7, 844, 193	5 575 901	1, 625, 235 2, 268, 292	Ohio.	175 700, 415	175	695, 1
Michigan	4, 540, 639	2, 160, 740	2, 379, 899	Pennsylvania Rhode Island	1, 612	5, 264 1, 612	0001
Michigan Minnesota Mississippi	3,838		3, 838	Vermont	8,000		8,
Mississippi Missouri	445,790 1,208,341	401, 899 926, 727	43, 891 281, 614	Other States, n. s	1, 107, 871		1, 107,
Mahraelta	79 025	4, 551	68, 374	DEGRINGNE DODOHOU			
New Hampshire	72, 925 31, 974	2,503	29,471	RICHMOND BOROUGH			
New Jersey	64, 045, 199	51, 620, 250 12, 684	12, 424, 949	Total distributed by State 9	762, 762	752, 762	10,
New Hampshire New Jersey New Mexico North Carolina	12,684 1,110,739	988, 697	122,042	Now Jarsov	526, 653	516, 653	10,
North Dakota	58, 176	58,176		New Jersey Pennsylvania	236, 109	236, 109	
Ohio	1, 753, 563	631.079	1, 122, 484 22, 607				
Oklahoma		35, 707	22,607	ROCHESTER			
Oregon	7,471	14, 419, 215	7, 471 3, 025, 872	Total distributed by State 18	81, 824	25, 000	56,
Pennsylvania Rhode Island	2, 087, 286	1, 929, 774	157.512	Connecticut	7,825		7,
South Carolina	132,267	1, 929, 774 95, 704	36, 563	Ohio	20,000	20,000	
South Dakota	3,449	3,449	28, 679	Pennsylvania	37, 808	5,000	32,
Tennessee Texas	367,838	339, 159 1, 229, 544	28, 079	Pennsylvania Other States, n. s	. 16, 191		- 16,
Utah	6, 290	1, 220, 011	6, 290	SYRACUSE			
Vermont	45, 989	41,045	4,944			<b>POD 000</b>	
Virginia	1, 227, 455	1, 060, 083	167, 372	Total distributed by State "	. 323, 382	323, 382	
Washington. West Virginia	7, 500 788, 493	732, 260	7, 500 56, 233	Indiana	52, 124	52, 124	
Wisconsin	_ 217, 152	732, 260 62, 881	154, 271	Indiana North Carolina	45,000	45,000	
Other States, n. s Canal Zone	4, 302, 544	1, 930, 990	2, 371, 554	Ohio	. 152.369	152, 369	
Canal Zone	1,776 114,412	114, 412	1, 776	Pennsylvania	73, 889	73,889	<del>-</del>
Hawaii Porto Rico	5, 107	114, 412	5, 107	YONKERS			
Canada	1, 628, 890	1. 615. 000	13,890	Total distributed by State 12	12, 637		12,
Mexico	767,017		717				10
Colombia.	1, 248, 833		1, 248, 833	Connecticut	12,020		12,
Venezuela	- \$510,031		φατο, 310	New Jersey	- 017		
Mexico Colombia Venezuela	- 767, 017 1, 248, 833 \$516, 031	<u>  </u>	717 1, 248, 833 \$516, 310	Connecticut New Jersey			-

All classes, 545—General contractors, 217; subcontractors, 323.
All classes, 84—General contractors, 3; subcontractors, 5.
All classes, 26—General contractors, 155; subcontractors, 15.
All classes, 10—General contractors, 155; subcontractors, 253.
All classes, 12—General contractors, 155; subcontractors, 22.
All classes, 45—General contractors, 143; subcontractors, 204.
All classes, 46—General contractors, 15; subcontractors, 204.
All classes, 46—General contractors, 15; subcontractors, 204.
All classes, 46—General contractors, 15; subcontractors, 204.
All classes, 46—General contractors, 3; subcontractors, 15.
All classes, 40—General contractors, 3; subcontractors, 1.
All classes, 40—General contractors, 3; subcontractors, 1.
All classes, 40—General contractors, 3.
All classes, 25—General contractors, 3.
All classes, 25—General contractors, 3.
All classes, 40—General contractors, 3.

 $r_{\rm e}$ 

÷ŝ

#### TABLE 5.-NUMBER AND SALARIES OF PROPRIETORS, FIRM MEMBERS, AND SALARIED EMPLOYEES: 1929

		PROPI	RIETOR	S AND FIRM				SALARIED	EMPLOY	EES				
CLASSIFICATION OF ESTABLISHMENTS	Estab- lish- ments report-	Re-	Re	eceiving alaries		salaried ployees	Officer	s and clerical staff		intendents, men, etc.	Numb	er repor sex	ted, by	Sex
	ing	ing no salary	Num- ber	Total an- nual salaries	Total num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Total	Male	Fe- male	not re- port- ed
NEW YORK		1, 527	1,050	\$4, 254, 841	20, 368	\$68, 751, 621	12, 514	\$44, 819, 204	7, 854	\$24, 432, 417	18, 264	15, 079	3, 185	2, 104
Operative builders	1	22	8	18,946	244	862, 343	133	505, 708	111	356, 635	195	160	35	49
General contractors	$\begin{array}{c} 1, 237\\ 821\\ 113\\ 27\\ 821\\ 113\\ 7\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 137\\ 206\\ 201\\ 11\\ 11\\ 11\\ 18\\ 15\\ 20\\ 205\\ 201\\ 201\\ 201\\ 201\\ 201\\ 201\\ 201\\ 201$	713         538           3555         22           158         87           6         12           2         2           3         34           591         3           792         38           166         66           3         344           591         109           75         5           5         5           13         3           2         2           40         102           420         60           60         20           22         13           3         344           40         102           2         2           440         102           20         60           60         3           13         3           2         2           40         11           8         1           2         3           3         3           13         1           1         1           2         3           3         3	679         30           111         79           1300         56           555         55           555         56           561         22           122         9           9         9           9         4           32         32           11         77           22         3           21         11           10         8           4         3           31         1	1, 671, 465 1, 208, 718 878, 870 39, 200 201, 148 265, 381 355, 860 5, 200 67, 000 59, 648 5, 200 17, 088 7, 800 2, 504, 430 113, 325 64, 008 302, 827 111, 143, 325 64, 068 302, 827 111, 143 2, 604, 430 113, 325 64, 068 302, 827 111, 146 648, 705 326, 021 100, 709 149, 068 30, 837 106, 709 149, 068 30, 837 106, 709 149, 068 31, 404 48, 210 54, 167 63, 921 7, 986 7, 200 74, 241 74, 241 74, 500 3, 500 10, 220 3, 500 10, 220 3, 500 10, 220 3, 500 10, 220 3, 500 10, 220 3, 500	$\begin{array}{c} 11, 276 \\ 6, 702 \\ 5, 405 \\ 702 \\ 837 \\ 123 \\ 2550 \\ 123 \\ 2550 \\ 123 \\ 2550 \\ 123 \\ 214 \\ 2550 \\ 118 \\ 215 \\ 202 \\ 214 \\ 2, 440 \\ 204 \\ 1, 000 \\ 204 \\ 1, 170 \\ 369 \\ 200 \\ 214 \\ 2, 440 \\ 204 \\ 1, 170 \\ 369 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 218 \\ 185 \\ 100 \\ 200 \\ 201 \\ 100 \\ 200 \\ 201 \\ 100 \\ 200 \\ 201 \\ 200 \\ 201 \\ 200 \\ 201 \\ 200 \\ 201 \\ 200 \\ 201 \\ 200 \\ 201 \\ 200 \\ 201 \\ 200 \\ $	30, 390, 507 24, 432, 686 20, 665, 707 24, 432, 686 20, 665, 707 24, 432, 686 24, 432, 686 242, 094 41, 100, 629 443, 481, 357 1, 227, 500 1, 489, 357 1, 237, 500 28, 498, 771 827, 406 3, 502, 844 6, 601 62, 458 8, 502, 844 6, 900 28, 498, 771 827, 406 1, 06, 458 8, 603, 506 28, 498, 771 827, 406 1, 06, 458 8, 603, 506 2, 814, 850 02, 234, 2349 3, 519, 108 5, 605, 506 2, 814, 850 02, 234, 210 3, 854, 812 0, 228, 210 101, 446 115, 680 1, 016, 633 1, 107, 222 1, 135, 680 1, 001, 633 1, 107, 222 1, 135, 680 1, 001, 633 1, 107, 222 1, 288, 101 1, 005, 588 1, 500, 589 1, 001, 904 1, 005, 581 1, 001, 904 1, 005, 581 1, 001, 904 1, 005, 581 1, 001, 904 1, 005, 581 1, 77, 050 63, 792 7, 113 7, 050 63, 792 7, 228, 117 7, 050 63, 792 7, 228, 117 7, 050 63, 792 7, 113 7, 050 63, 792 2, 117 7, 050 63, 792 2, 000 2, 00	$\begin{array}{c} 5,989\\ 3,878\\ 3,004\\ 3,878\\ 3,062\\ 1172\\ 267\\ 611\\ 306\\ 281\\ 172\\ 308\\ 106\\ 308\\ 106\\ 108\\ 108\\ 108\\ 108\\ 108\\ 108\\ 108\\ 108$	23, 460, 960 15, 465, 832 12, 705, 417 320, 238, 417 1, 200, 238 1, 316, 121 1, 005, 400 1, 316, 121 1, 005, 400 1, 316, 121 1, 005, 400 1, 310, 125 604, 000 18, 820 824, 500 784, 388 272, 014 103, 363 503, 775 20, 835 1, 880, 142 20, 843, 530 20, 343, 530 1, 004, 655 2, 024, 541 402, 318 730, 003 1, 021, 767 2, 004, 656 95, 242 2, 772, 788 393, 486 98, 879 1, 104, 475 400, 003 1, 305, 783 3842, 888 138, 247 113, 200 54, 873 138, 247 113, 200 242, 676 228, 517 134, 282 101, 058 76, 717 35, 761 195, 159 76, 717 35, 761 195, 159 78 76, 717 35, 761 195, 159 78 78 76, 717 35, 761 195, 159 78 76, 717 35, 761 195, 159 78 78 76, 717 35, 761 195, 159 78 78 78 78 78 78 78 78 78 78	$\begin{array}{c} 5,286\\ 2,824\\ 2,372\\ 2,372\\ 2,372\\ 333\\ 15\\ 502\\ 602\\ 38\\ 242\\ 242\\ 242\\ 242\\ 242\\ 242\\ 242\\ 24$	15, 920, 547 9, 106, 804 7, 708, 659 446, 072 14, 061 887, 292 1, 175, 147 159, 013 83, 368 1, 003, 426 556, 620 81, 508 604, 851 543, 121 228, 153 12, 705 520, 030 44, 623 1, 913, 702 25, 580 8, 155, 235 247, 7569 864, 567 239, 167 1, 886, 947 546, 989 931, 020 1, 682, 024 1, 082, 024 1, 020 336, 180 36, 180 352, 190 0, 1518, 920 336, 183 36, 180 36, 180 352, 190 0, 558, 055 37, 157 500, 831 240, 963 324, 947 14, 107 8, 240 152, 084 445, 955 37, 157 500, 831 240, 963 329, 041 225, 024 90, 668 88, 556 11, 107 22, 174 80, 202 104, 017 22, 107 80, 202 104, 017 22, 174 80, 202 104, 017 22, 174 80, 202 104, 017 22, 174 80, 202 104, 017 22, 174 80, 202 104 105 20, 000 105 20, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10, 000 10,	$\begin{array}{c} 10,083\\ 5,977\\ 4,827\\ 4,70\\ 17\\ 603\\ 782\\ 107\\ 782\\ 107\\ 782\\ 107\\ 782\\ 107\\ 782\\ 107\\ 782\\ 107\\ 107\\ 107\\ 107\\ 107\\ 311\\ 316\\ 214\\ 214\\ 214\\ 214\\ 214\\ 214\\ 214\\ 214$	$\begin{array}{c} 8, 622\\ 5, 026\\ 4, 100\\ 368\\ 14\\ 57\\ 527\\ 527\\ 527\\ 527\\ 348\\ 41\\ 434\\ 210\\ 106\\ 613\\ 14\\ 434\\ 210\\ 106\\ 613\\ 14\\ 431\\ 210\\ 106\\ 613\\ 14\\ 431\\ 210\\ 106\\ 613\\ 14\\ 431\\ 210\\ 106\\ 102\\ 248\\ 278\\ 880\\ 010\\ 159\\ 120\\ 248\\ 278\\ 880\\ 010\\ 159\\ 120\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 55\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 228\\ 239\\ 5\\ 5\\ 6\\ 182\\ 21\\ 184\\ 111\\ 153\\ 3\\ 18\\ 28\\ 73\\ 3\\ 3\\ 199\\ 111\\ 8\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ $		$1, 192 \\ 725 \\ 7$
Other classes <sup>6</sup>	4	2	1	3, 900	33	26, 223 105, 085	16 8 15	19, 424 50, 345	3 18	6, 799 54, 740	4 33	2 29	24	7
BUFFALO	248 87 63 49 14 10 6 3 5	4		142, 304 40, 295 40, 295 40, 295	1, 216 568 348 314 34 92 06 23 39	<b>3</b> , <b>598</b> , <b>155</b> <b>1</b> , 990, 584 <b>1</b> , 236, 289 <b>1</b> , 148, 855 87, 434 275, 887 274, 820 61, 070 142, 618	781 283 102 170 22 30 28 15 18	2, 646, 990 1, 251, 600 805, 560 739, 680 65, 880 136, 060 186, 873 42, 010 81, 097	485 285 156 144 12 62 38 8 21	1, 261, 165 738, 984 430, 729 409, 175 21, 554 139, 827 87, 947 19, 060 61, 421	1, 107 528 329 296 33 85 63 12 39	229 477 290 264 26 82 59 12 34	178 51 39 32 7 3 4 5	109 40 19 18 1 7 3 11

# 

		PROFF	METOR	S AND FIRM SERS		•		SALAR	IED EMP	LOYEES				
CLASSIFICATION OF ESTABLISHMENTS	Estab- lish- ments r port-	Re- ceiv-		eceiving alaries		salaried ployees		and clerical staff		intendents, men, etc.	Numb	er report sex	ed, by	Sex not
	ing	ing no salary	Num- ber	Total an- nual salaries	Total num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Total	Male	Fe- male	re- port- ed
BUFFALO-Continued														
Subcontractors. Carpentering and wood flooring Concreting. Electrical. Electrical. Heating and plumbing. Heating and plumbing ' Plumbing. Plumbing and heating combined Masoury and stonework. Painting, decorating, and glazing Plastering and lathing. Roofing and sheet-metal work. Roofing and sheet metal combined Sheet-metal work. Roofing and sheet metal combined	28 7 5 12 4 27 14	42 1 2 6 16 6 8 2 2 6 	$31 \\ 3 \\ 1 \\ \\ 17 \\ 3 \\ 12 \\ 2 \\ \\ 1 \\ \\ 1 \\ 3 \\ 1 \\ 1 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$\begin{array}{c} \$102,009\\ 8,003\\ 1,500\\ \hline \\ 60,506\\ 10,469\\ 43,117\\ \hline \\ 2,405\\ \hline \\ 19,930\\ 3,120\\ 11,360\\ 5,450\\ \end{array}$		$\begin{array}{c} \$1, 907, 571\\ 83, 5684\\ 8, 356\\ 414, 228\\ 68, 354\\ 527, 251\\ 240, 180\\ 250, 113\\ 36, 949\\ 49, 900\\ 64, 336\\ 71, 386\\ 249, 030\\ 112, 445\\ 72, 743\\ 63, 842\\ 182, 332\\ \end{array}$	448 12 1 890 13 129 43 71 15 8 19 21 74 36 16 22 29	\$1, 305, 390 32, 607 1, 820 327, 426 38, 585 426, 832 199, 859 190, 024 36, 949 31, 900 5, 179 43, 095 174, 209 83, 806 43, 169 47, 174 122, 035	200 11 1 28 12 41 15 26 5 9 10 31 14 11 6 11 11 15 15 15 15 15 15 15 15	$\begin{array}{c} \$512, 181\\ 23, 177\\ 1, 536\\ 86, 802\\ 29, 760\\ 100, 419\\ 40, 330\\ 60, 089\\ \hline 18, 000\\ 19, 157\\ 28, 291\\ 74, 821\\ 28, 579\\ 20, 574\\ 10, 008\\ 40, 297\\ \end{array}$	$\begin{array}{c} 579\\ 23\\ 111\\ 21\\ 147\\ 54\\ 81\\ 12\\ 13\\ 24\\ 31\\ 92\\ 47\\ 21\\ 24\\ 25\\ 21\end{array}$	$\begin{array}{c} 452\\ 18\\ 1\\ 80\\ 18\\ 112\\ 42\\ 61\\ 9\\ 12\\ 19\\ 22\\ 73\\ 35\\ 18\\ 20\\ 22\end{array}$	127 5 1 31 35 12 20 0 3 1 5 9 19 12 3 4 3 4 3 4 3 5 9 10 10 10 10 10 10 10 10 10 10	$\begin{array}{c} 60\\ 6\\ 4\\ 23\\ 4\\ 16\\ 3\\$
Marble and tiling Excavating and wrecking Metal work, n. e.s Other classes 11	6 8 3 6	4	3 1	6, 240 3, 425	21 20 5 48	45, 018 51, 069 10, 972 134, 468	19 11 2 21	39, 935 33, 760 2, 806 75, 087	2 9 3 27	5, 083 17, 336 8, 112 59, 381	21 16 5 48	16 13 3 43	5 3 2 5	4
NEW YORK CITY	2, 228	č24	407	1, 763, 158	18, 798	51, 216, 484	8, 502	33, 509, 897	5, 296	17, 708, 587	12, 407	10, 274	2, 133	1, 391
Operative builders	56	7			188	714, 920	107	441, 955	81	272, 965	160	130	' 30	28
General contractors	$\begin{array}{c} 529\\ 382\\ 94\\ 4\\ 99\\ 8\\ 6\\ 36\\ 18\\ 12\\ 21\\ 10\\ 10\\ 3\\ 23\\ 4\\ 4\end{array}$	133 117 67 17 32  4 3 1 5  2  384	74 65 47 6 	7, 800 5, 200	7, 582 4, 526 3, 710 442 18 356 78 56 310 274 516 307 114 25 432 18 913 13 6, 028	$\begin{array}{c} 28, 180, 400\\ 17, 824, 618\\ 14, 978, 565\\ 1, 618, 540\\ 564, 844\\ 1, 171, 029\\ 219, 224\\ 1, 277, 365\\ 1, 285, 347\\ 768, 203\\ 1, 385, 645\\ 1, 215, 972\\ 406, 147\\ 116, 068\\ 863, 227\\ 65, 458\\ 3, 802, 844\\ 422, 291\\ 22, 321, 155\\ \end{array}$	4,284 2,696 2,160 88 199 28 32 132 110 207 147 49 21 369 8 337 8 4,161	$\begin{array}{c} 17, 308, 233\\ 11, 601, 348\\ 9, 673, 162\\ 1, 197, 233\\ 24, 691\\ 706, 272\\ 89, 857\\ 707, 382\\ 714, 016\\ 830, 016\\ 786, 290\\ 703, 750\\ 202, 689\\ 103, 363\\ 520, 195\\ 20, 835\\ 1, 880, 142\\ 29, 350\\ 15, 759, 709\end{array}$	$\begin{array}{c} 3,348\\ 1,830\\ 1,550\\ 113\\ 10\\ 157\\ 50\\ 24\\ 178\\ 104\\ 219\\ 160\\ 65\\ 4\\ 63\\ 10\\ 576\\ 5\\ 1,867\\ \end{array}$	$\begin{array}{c} 10,872,176\\ 6,223,270\\ 5,305,413\\ 421,307\\ 121,933\\ 464,757\\ 129,367\\ 769,983\\ 577,331\\ 388,187\\ 567,355\\ 512,222\\ 223,458\\ 12,705\\ 163,032\\ 44,623\\ 1,913,702\\ 12,941\\ 6,561,446\end{array}$	6, 781 4, 067 3, 302 6 334 73 6 34 73 73 751 284 401 207 107 402 401 207 107 402 75, 466	5,747 3,413 2,809 334 4 266 67 45 204 245 407 188 103 13 287 15 603 7 4,397	1,034 403 01 2 68 0 20 24 84 10 111 4 145 58 	801 459 408 17 12 20 5 20 5 20 5 20 5 20 20 5 20 5 20
Subcontractors. Carpentering and woodflooring. Concreting Electrical. Heating and plumbing. Heating and plumbing Plumbing and plumbing and Plumbing and heating combined. Automatic sprinkler system. Masonry. Painting and decorating. Glass and glazing. Plastering and lathing. Sheet-metal work. Roofing and sheet-metal work. Roofing and sheet-metal combined. Stonework. Marble and tiling. Wrecking. Excavating. Ornamental iron. Higbway and grading. Flourdation. Metal work, n. e. s. Thooring, n. e. s.	$\begin{smallmatrix} 143\\17\\466\\110\\5\\287\\61\\3\\50\\145\\15\\15\\15\\15\\165\\110\\388\\41\\44\\28\\118\\118\\12\\266\\38\\41\\31\\12\\26\\38\\8\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\9\\$	384         23         3           23         3         1           13         157         78           20         60         1           104         25         22           60         1         1           14         1         10         10           19         5         6         12           22         2         2         2	335         17           7         7           40         0           11         19           25         3           71         10           43         6           17         25           9         11           5         3           8         3           20         3           3         3           17         25           9         11           5         3           3         3           20         3           3         3           17         7           25         9           11         5           3         3           17         7           11	1, 606, 769 48, 408 177, 100 2, 680 481, 353 108, 421 11, 146 281, 851 79, 985 40, 245 175, 511 26, 337 79, 083 71, 057 24, 810 027, 810 18, 437 15, 600 23, 580 75, 155 12, 381 63, 921 4, 200	$\begin{smallmatrix} 6, 226\\ 213\\ 307\\ 733\\ 183\\ 546\\ 546\\ 546\\ 546\\ 546\\ 546\\ 546\\ 546$	$\begin{array}{c} 22, 321, 130\\ 680, 459\\ 1, 205, 904\\ 2, 609, 637\\ 618, 783\\ 5, 671, 899\\ 2, 166, 007\\ 177, 638\\ 907, 950\\ 2907, 950\\ 104, 748\\ 852, 942\\ 903, 954\\ 1775, 289\\ 1, 301, 987\\ 1, 724, 954\\ 903, 954\\ 1775, 289\\ 1, 301, 987\\ 1, 724, 954\\ 903, 954\\ 105, 123\\ 305, 650\\ 1, 634, 308\\ 105, 073\\ 1, 015, 144\\ 980, 877\\ 143, 814\\ 726, 934\\ 114, 423\\ 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 147, 045\\ 72, 728\\ 143, 144, 143\\ 144, 143\\ 144, 143\\ 147, 045\\ 72, 728\\ 143, 144\\ 144, 143\\ 144, 142\\ 145, 144\\ 144, 145\\ 147, 045\\ 72, 728\\ 143, 144\\ 144, 142\\ 147, 045\\ 72, 728\\ 144\\ 144, 144\\ 145\\ 147, 045\\ 72, 728\\ 144\\ 144, 145\\ 147, 045\\ 72, 728\\ 144\\ 144, 145\\ 147, 045\\ 72, 728\\ 144\\ 144, 144\\ 144, 145\\ 144, 142\\ 144, 145\\ 144$	$\begin{array}{c c} 148 \\ 179 \\ 538 \\ 124 \\ 1,176 \\ 446 \\ 29 \\ 586 \\ 95 \\ 90 \end{array}$	$\begin{array}{c} 10, 703, 709\\ +72, 772\\ 855, 961\\ 1, 934, 094\\ +418, 735\\ 4, 209, 658\\ 1, 971, 961\\ 159, 518\\ 159, 518\\ 100, 418, 384\\ 727, 604\\ +148, 857\\ 944, 245\\ 1, 411, 523\\ 838, 025\\ 350, 027\\ 253, 471\\ 727, 973\\ 240, 456\\ 1, 232, 819\\ 2528, 592\\ 754, 700\\ 120, 024\\ 183, 170\\ 84, 348\\ 91, 290\\ 60, 488\\ \end{array}$	$\begin{array}{c} 1,807\\65\\128\\195\\59\\200\\100\\100\\100\\100\\100\\100\\100\\100\\100$		$ \begin{array}{c} 188\\ 188\\ 2692\\ 2697\\ 183\\ 1,403\\ 531\\ 300\\ 710\\ 109\\ 23\\ 220\\ 220\\ 223\\ 220\\ 283\\ 8337\\ 135\\ 110\\ 83\\ 230\\ 84\\ 430\\ 223\\ 230\\ 84\\ 430\\ 223\\ 250\\ 45\\ 5\\ 184\\ 223\\ 250\\ 45\\ 5\\ 184\\ 222\\ 300\\ 45\\ 184\\ 222\\ 300\\ 45\\ 184\\ 222\\ 184\\ 184\\ 222\\ 184\\ 222\\ 184\\ 222\\ 184\\ 222\\ 184\\ 222\\ 184\\ 222\\ 18$		$\begin{array}{c} 1, 352\\ 352\\ 52\\ 52\\ 52\\ 52\\ 73\\ 533\\ 108\\ 8\\ 108\\ 8\\ 108\\ 8\\ 108\\ 8\\ 108\\ 8\\ 108\\ 27\\ 20\\ 27\\ 8\\ 106\\ 6\\ 6\\ 19\\ 20\\ 27\\ 8\\ 106\\ 6\\ 19\\ 31\\ 4\\ 12\\ 3\\ 10\\ 3\\ 10\\ 3\\ 10\\ 3\\ 10\\ 10\\ 3\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10$	22:22 22:26 13:30 11 4 9 9 9 11 1 1 1 1 1 1 1 1 1 1 1 1 1
BRONX BOROUGH. Operative builders. General contractors. Building. Building not specialized. Commercial building only. Residential building only. Street paving and highway. Sewer, gas, water, conduit. Foundation	4			124, 207	842 17 213 92 05 7 20 51 15 11 15 11 44	2, 971, 065 66, 066 874, 977 280, 622 213, 517 17, 783 58, 822 238, 645 85, 567 61, 053 199, 490	590 9 128 56 39 5 12 26 12 26 12 9 25	586, 148 188, 207 138, 492 11, 283 38, 432 158, 745 76, 667 52, 553	252 8 85 30 26 2 8 25 3 2 19	850, 482 42, 550 288, 829 101, 415 75, 025 6, 500 19, 890 79, 900 8, 900 9, 100 89, 514	79 52 7 20 51 15 11	623 10 177 70 47 4 19 46 12 9 40	121 1 23 9 5 3 1 5 3 2 4	

See footnotes at end of table.

ł

#### TABLE 5.—NUMBER AND SALARIES OF PROPRIETORS, FIRM MEMBERS, AND SALARIED EMPLOYEES: 1929— Continued

											×			
		PROPRIETORS AND FIRM MEMBERS					SALAR	IED EMI	LOYEES					
CLASSIFICATION OF ESTABLISHMENTS	Estab- lish- ments report-	Re- ceiv-		alaries		salaried ployees	Officer	s and clerical staff		intendents, men, etc.	Numb	er repor	ted, by	Sex
	ing	ing no salary	Num- ber	Total an- nual salaries	Total num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Total	Male	Fe- male	re- port- ed
BRONX BOROUGH-Continued														
Subcontractors	$\begin{array}{c} 208\\ 18\\ 6\\ 9\\ 48\\ 82\\ 8\\ 32\\ 8\\ 14\\ 6\\ 6\\ 8\\ 22\\ 6\\ 9\\ 7\\ 10\\ 4\\ 21\\ 10\\ 23\\ 5\\ 5\\ 5\\ 5\end{array}$	50 7 1 2 4 3 3 3  3 7 4 1  1		10,400	612 35 18 19 101 14 4 8 13 89 48 48 27 39 9 73 39 9 73 321 103 21 103 21	$\begin{array}{r} \$2,030,022\\71,502\\47,658\\43,430\\207,277\\28,595\\237,768\\30,924\\172,937\\16,187\\38,300\\262,185\\33,310\\16,187\\16,187\\28,504\\452,214\\26,770\\288,504\\482,383\\406,920\\61,093\\38,402\\28,402\\\end{array}$	453 18 11 14 80 12 55 55 6 8 06 0 10 38 10 38 8 56 10 10 38 11 12 77 6 13 14 14 14 14 14 12 13 14 14 14 14 12 13 13 16 16 16 16 16 16 16 16 16 16		$159 \\ 17 \\ 7 \\ 21 \\ 2 \\ 17 \\ 2 \\ 14 \\ 2 \\ 5 \\ 23 \\ 4 \\ 4 \\ 9 \\ 6 \\ 1 \\ 17 \\ 10 \\ 28 \\ 4 \\ 4 \\ 17 \\ 10 \\ 28 \\ 4 \\ 4 \\ 17 \\ 10 \\ 28 \\ 4 \\ 4 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\$	\$519, 103 42, 402 18, 900 12, 232 08, 560 6, 750 16, 300 15, 560 02, 681 8, 857 30, 900 22, 924 23, 620 3, 120 66, 785 34, 220 84, 123 15, 050	$\begin{array}{c} 527\\ 29\\ 15\\ 19\\ 82\\ 14\\ 57\\ 11\\ 36\\ 8\\ 9\\ 81\\ 14\\ 45\\ 22\\ 30\\ 9\\ 65\\ 10\\ 10\\ 86\\ 10\\ 10\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14\\ 14$	$\begin{array}{c} 430\\ 24\\ 15\\ 8\\ 8\\ 41\\ 6\\ 31\\ 4\\ 8\\ 63\\ 39\\ 16\\ 26\\ 26\\ 26\\ 26\\ 13\\ 799\\ 17\\ 9\\ 8\end{array}$	97 5 27 6 16 5 5 4 4 1 8 6 6 6 4 10 3 7 2 5 5	85 6 3 10 15 4 5 4 8 3 5 9 9 8 5 17 17
Other classes <sup>17</sup>	3 431	120		382, 028	9 1, 345	31, 200 4, 845, 175	937	27, 700 8, 018, 701	1 408	3, 500 1, 326, 474	9 1, 214	991	1 228	131
Operative builders	17				45	153, 061	84	114, 861	11	38, 700	34	28	6	11
General contractors Building Commercial building only Residential building only Street paving Sewer, gas, water, conduit Dredging, river, harbor, etc Railroad <sup>16</sup>		20 19 12 3 4 1	20 12 7 3 	87, 595 56, 635 35, 200 13, 500 7, 845 13, 800 9, 360 7, 800	500 286 209 26 51 71 35 15 86 7	$\begin{matrix} 1,732,323\\985,267\\767,408\\83,775\\134,084\\323,137\\51,568\\32,571\\324,327\\15,453\end{matrix}$	270 177 122 10 36 32 14 7 35 5	$\begin{matrix} 1,006,288\\594,609\\435,030\\59,635\\90,934\\195,579\\31,878\\18,971\\154,003\\11,198\end{matrix}$	230 109 87 15 30 21 8 51 2	726, 035 390, 668 332, 378 24, 140 34, 150 127, 558 10, 690 13, 000 170, 264 4, 255	474 263 187 26 50 71 35 15 80 4	409 218 159 17 42 65 31 15 77 3	65 45 28 9 8 6 4 9 1	26 23 22 1  3
Subcontractors. Carpentering and woodflooring. Concreting. Electrical. Electrical. Heating and plumbing. Heating and plping. Plumbing and heating combined. Masonry. Painting, and decorating. Plastering and lathing. Roofing and sheet-metal work: Roofing and sheet-metal work: Roofing and sheet-metal work. Roofing and sheet-metal work. Roofing and sheet-metal combined. Steel creedion. Stonework. Marble and tiling. Excavating. Ornamental iron. Other classes <sup>10</sup> .	$\begin{array}{c} 312\\ 8\\ 3\\ 13\\ 120\\ 35\\ 72\\ 13\\ 21\\ 13\\ 21\\ 13\\ 21\\ 13\\ 12\\ 16\\ 334\\ 12\\ 16\\ 10\\ 33\\ 4\\ 22\\ 6\end{array}$	$ \begin{array}{c} 100\\ 6\\$	85 5 34 13 15 6 4 8 1 12 3 9 9 9 9 9 3 8 1	294, 433 223, 350 105, 693 42, 046 45, 692 17, 855 13, 545 28, 900 5, 200 31, 674 9, 404 22, 210 	800 80 849 16 200 155 21 121 121 137 233 413 433 433 433 433 988 111 755 15	$\begin{array}{c} 2,459,791\\ 85,315\\ 24,850\\ 104,204\\ 56,555\\ 796,126\\ 246,930\\ 471,774\\ 77,422\\ 15,179\\ 105,800\\ 16,583\\ 323,748\\ 72,102\\ 122,480\\ 145,213\\ 142,000\\ 124,400\\ 244,100\\ 244,100\\ 244,000\\ 244,000\\ 41,800 \end{array}$	$\begin{array}{c} 633\\ 18\\ 5\\ 400\\ 8\\ 222\\ 78\\ 125\\ 100\\ 2\\ 27\\ 5\\ 80\\ 200\\ 322\\ 37\\ 322\\ 80\\ 11\\ 11\\ 59\\ 6\end{array}$	$\begin{matrix} 1, 898, 052\\ 44, 602\\ 18, 850\\ 137, 421\\ 19, 220\\ 655, 194\\ 213, 371\\ 368, 225\\ 73, 598\\ 1, 356\\ 94, 106\\ 8, 443\\ 265, 074\\ 94, 106\\ 8, 443\\ 265, 074\\ 92, 580\\ 106, 669\\ 118, 020\\ 98, 656\\ 233, 175\\ 24, 170\\ 165, 984\\ 14, 272\end{matrix}$	167 12 3 9 8 44 12 30 2 5 5 2 2 18 3 9 6 5 5 2 18 3 9 6 8 10 17 17 10 9	561, 739 40, 713 6, 500 20, 843 37, 335 140, 032 83, 559 103, 559 103, 559 103, 549 13, 823 11, 700 8, 140 58, 674 21, 817 27, 193 43, 404 60, 866 58, 022 27, 594	78 6 72 12	59 6 66 9	152 6 22 68 22 41 1 8 1 1 8 1 1 8 5 6 3 3 19	94 22 3 14 14 20 9 3 8 7 3 20 5 3 3 20 5 3 3 20 5 3 3
MANHATTAN BOROUGH	·	281	222	1,088,153	11,077	40, 217, 008	6,816 54	25, 842, 720 241, 200	4, 201 59	14, 374, 288	10,068	8, 312	1,756	1,009
Operative builders	13	1		258, 433 268, 433 282, 808 8, 200 17, 425	113 6, 394 3, 980 3, 357 378 250 44 47 129 197 504 273 82 273 822 427 693 18	$\begin{array}{r} 420,475\\ 24,015,842\\ 15,917,918\\ 3,691,330\\ 1,375,633\\ 850,9513\\ 128,713\\ 249,138\\ 506,074\\ 4548,808\\ 1,362,848\\ 1,107,904\\ 385,327\\ 672,923\\ 3,090,764\\ 55,925\end{array}$	54 3, 589 2, 361 1, 942 283 123 11 28 53 71 291 125 367 245 12	241, 200 14, 786, 123 10, 376, 590 8, 870, 995 1, 027, 548 478, 047 39, 740 193, 338 258, 169 231, 111 769, 716 629, 730 218, 369 617, 328 1, 511, 342 40, 700	2, 805 1, 629 1, 415 90 124 33 19 76 126 213 148 47 60 448 6	$\begin{array}{c} 170, 273\\ 9, 220, 710\\ 5, 541, 328\\ 4, 820, 335\\ 372, 908\\ 88, 973\\ 55, 800\\ 247, 915\\ 317, 197\\ 583, 132\\ 478, 174\\ 166, 958\\ 155, 595\\ 1, 576, 422\\ 15, 225\\ \end{array}$	5,670 3,582 2,984 301 237 44 42 103 192 482 103 192 482 173 82 427 531 12	4,780 3,011 2,539 287 185 42 38 100 178 399 157 75 283 487 10	890 571 445 74 52 2 4 4 3 14 83 16 7 7 144 44 2	724 398 373 12 13 5 26 5 22 100 
Subcontractors	$31 \\ 42 \\ 113 \\ 13 \\ 237 \\ 58 \\ 3 \\ 144 \\ 29$	197 8 2 15 2 66 10 46 10	177 7 28 1 55 7 1 39 8	$\begin{array}{c} 807,720\\ 32,819\\ 40,908\\ 116,560\\ 2,680\\ 270,089\\ 51,582\\ 5,000\\ 175,332\\ 38,175\\ \end{array}$	4, 570 113 250 634 159 1, 011 403 30 482 68 28	$\begin{matrix} 15,780,691\\ 395,176\\ 1,110,451\\ 2,183,794\\ 535,215\\ 3,956,435\\ 1,737,615\\ 168,078\\ 1,764,571\\ 181,423\\ 104,748 \end{matrix}$	3, 173 90 145 464 111 750 326 26 829 49 20	$\begin{array}{c} 10, 815, 397\\ 806, 556\\ 738, 166\\ 1, 592, 772\\ 385, 052\\ 2, 944, 737\\ 1, 424, 721\\ 153, 518\\ 1, 169, 738\\ 120, 260\\ 76, 500 \end{array}$	$1, 397 \\ 23 \\ 105 \\ 170 \\ 48 \\ 261 \\ 77 \\ 4 \\ 153 \\ 19 \\ 8$	$\begin{array}{c} \textbf{4, 965, 294} \\ \textbf{88, 620} \\ \textbf{372, 285} \\ \textbf{591, 022} \\ \textbf{150, 163} \\ \textbf{1, 011, 608} \\ \textbf{312, 894} \\ \textbf{14, 560} \\ \textbf{594, 833} \\ \textbf{61, 163} \\ \textbf{28, 248} \end{array}$	4, 298 107 230 578 159 949 396 30 434 66 23	$\begin{array}{c} 3,454\\ 90\\ 184\\ 444\\ 136\\ 724\\ 325\\ 22\\ 313\\ 42\\ 22\end{array}$	844 17 46 134 23 225 71 18 121 24 1	272 6 20 56 7 48 2 5

See footnotes at end of table.

127100-33-54

#### TABLE 5.—NUMBER AND SALARIES OF PROPRIETORS, FIRM MEMBERS, AND SALARIED EMPLOYEES: 1929— Continued

		PROPI	HETOR MEME	S AND FIRM BERS			• • • •	SALAR	IED EMI	PLOYEES		<u></u>		
CLASSIFICATION OF ESTABLISHMENTS	Estab- lish- ments report-	Re- ceiv-	Re	eceiving alaries		salaried ployees		and clerical staff		intendents, men, etc.	Numb	er repor sex	ted, by	Sex
	ing	ing no salary	Num- ber	Total an- nual salaries	Total num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Total	Male	Fe- male	re- port- ed
MANHATTAN BOROUGH—Continued Subcontractors—Continued. Masonry— Painting and decorating. Class and glaing Plastering and lathing Roofing and sheet metal work. Roofing and sheet metal work. Sheet-metal work. Roofing and sheet metal combined Stonework Marble and tiling. Wrecking. Excavating Ornamental iron. Flooring, n. 6. 8. Other classes <sup>22</sup>	$\begin{array}{c} 28\\118\\10\\46\\41\\16\\14\\11\\12\\10\\46\\10\\10\\11\\26\\5\\5\\5\\5\end{array}$	5 50 1 6 10 1 7 2 1 5 8 5 5 9 1 1 2	3 33 6 11 8 2 2 4 3 11 	\$11, 700 140, 545 25, 337 57, 145 23, 550 5, 600 12, 760 23, 580 28, 668 	173 278 35 275 630 574 31 25 153 39 206 38 188 89 180 35 24	620, 024 871, 961 125, 148 1, 298, 853 1, 021, 162 804, 128 134, 933 82, 101 544, 039 150, 768 828, 008 93, 947 853, 571 264, 168 740, 593 105, 523 81, 850	58 201 30 172 565 518 24 23 132 22 198 29 70 69 932 15 20	\$263, 403 624, 121 109, 916 874, 811 880, 384 706, 373 112, 810 71, 701 431, 006 76, 718 597, 170 67, 209 416, 830 209, 378 173, 170 52, 888 62, 110	115 77 5 103 65 56 7 2 21 17 68 9 118 20 148 20 4	\$356, 621 247, 840 15, 232 424, 042 131, 778 98, 755 22, 623 10, 400 113, 033 74, 050 230, 838 20, 738 20, 738 436, 741 54, 790 567, 428 52, 035 19, 740	167 248 34 258 617 564 25 142 28 256 24 28 257 185 74 180 35 24	$150 \\ 181 \\ 24 \\ 456 \\ 21 \\ 17 \\ 127 \\ 24 \\ 185 \\ 22 \\ 170 \\ 59 \\ 108 \\ 80 \\ 19 \\ 19 \\ 108 \\ 80 \\ 19 \\ 108 \\ 19 \\ 108 $	$     \begin{array}{r}       17 \\       67 \\       10 \\       355 \\       123 \\       108 \\       71 \\       5 \\       15 \\       15 \\       15 \\       15 \\       15 \\       15 \\       15 \\       15 \\       5 \\       5 \\       5 \\       5 \\       5   \end{array} $	6 30 1 17 13 10 3  11 11 11 11 3 15 
QUEENS BOROUGH Operative builders	$\begin{array}{c} & & 6 \\ & & 61 \\ & & 41 \\ & & 19 \\ & & 9 \\ & & 13 \\ & & 4 \\ & & 5 \\ & & 4 \\ & & 3 \\ & & 4 \\ & & 148 \\ & & 148 \\ & & 4 \\ & & 111 \\ & & 36 \\ & & 88 \\ & & 4 \\ & & 5 \\ & & 13 \\ & & 7 \\ & & 6 \\ & & & 13 \\ & & & 7 \\ & & & 6 \end{array}$	48 1 16 13 5 2 6  1 1  1 2 1 3 5        	37 3 2 4 16 3 12 1 1 3 2 2 4 4 4 	168, 410 	$\begin{array}{c} 929\\ \hline 929\\ \hline 13\\ 307\\ 152\\ 85\\ 36\\ 31\\ 32\\ 27\\ 131\\ 21\\ 512\\ 38\\ 152\\ 28\\ 152\\ 28\\ 152\\ 28\\ 152\\ 28\\ 152\\ 28\\ 162\\ 12\\ 10\\ 11\\ 11\\ 11\\ 17\\ 28\\ 17\\ 28\\ 17\\ 12\\ 10\\ 11\\ 11\\ 11\\ 24\\ 17\\ 28\\ 16\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10$	$\begin{array}{r} 3, 390, 898\\ \hline 75, 318\\ 1, 287, 965\\ 555, 321\\ 308, 024\\ 141, 349\\ 105, 948\\ 86, 431\\ 147, 046\\ 82, 760\\ 327, 310\\ 89, 097\\ 2, 027, 615\\ 137, 046\\ 112, 945\\ 210, 349\\ 006, 825\\ 150, 487\\ 426, 567\\ 29, 771\\ 44, 502\\ 38, 191\\ 117, 859\\ 60, 41\\ 10, 085\\ 70, 052\\ 223, 755\\ 55, 011\\ 85, 783\\ 143, 814\\ 79, 978\\ \end{array}$	586           10           205           101           57           22           14           12           13           50           15           371           22           18           19           11           9           11           13           14           9           25           37           37           75           37           12	$\begin{array}{r} \textbf{2, 362, 208} \\ \textbf{62, 878} \\ \textbf{777, 593} \\ \textbf{387, 562} \\ \textbf{210, 656} \\ \textbf{98, 767} \\ \textbf{78, 139} \\ \textbf{42, 837} \\ \textbf{74, 248} \\ \textbf{40, 360} \\ \textbf{172, 125} \\ \textbf{60, 461} \\ \textbf{1, 521, 737} \\ \textbf{92, 514} \\ \textbf{70, 077} \\ \textbf{170, 903} \\ \textbf{459, 206} \\ \textbf{118, 544} \\ \textbf{314, 391} \\ \textbf{26, 271} \\ \textbf{39, 302} \\ \textbf{38, 191} \\ \textbf{37, 561} \\ \textbf{41, 366} \\ \textbf{46, 196} \\ \textbf{57, 363} \\ \textbf{41, 432} \\ \textbf{180, 755} \\ \textbf{39, 420} \\ \textbf{56, 541} \\ \textbf{120, 024} \\ \textbf{67, 858} \end{array}$	336           3           192           51           28           14           0           18           22           14           13           9           33           10           22           1           10           6           4           13           9           33           10           6           4           13           10           6           4           13	$\begin{array}{c} 1,028,690\\ 12,440\\ 510,372\\ 167,750\\ 97,368\\ 42,582\\ 27,800\\ 43,594\\ 72,798\\ 42,400\\ 155,185\\ 28,636\\ 505,878\\ 44,952\\ 42,208\\ 30,446\\ 147,619\\ 31,943\\ 112,176\\ 3,500\\ 5,200\\ 30,298\\ 19,076\\ 11,222\\ 43,732\\ 22,620\\ 43,000\\ 15,591\\ 20,242\\ 33,790\\ 20,242\\ 33,790\\ 20,242\\ 33,790\\ 20,242\\ 23,790\\ 23,790\\ 22,790\\ 23,790\\ 22,120\\ 30,902\\ $	789         9           3569         127           773         311           23         237           131         133           401         225           123         311           25         122           300         7           70         9           277         18           300         7           100         9           27         18           31         16           18         48           48         8	$\begin{array}{c} 651\\ \hline 8\\ 315\\ 102\\ 50\\ 28\\ 17\\ 23\\ 31\\ 24\\ 124\\ 111\\ 328\\ 27\\ 21\\ 91\\ 30\\ 56\\ 5\\ 9\\ 9\\ 6\\ 22\\ 14\\ 8\\ 20\\ 111\\ 25\\ 15\\ 15\\ 15\\ 15\\ 17\\ 7\end{array}$	$ \begin{array}{c}     118 \\     1 \\     44 \\     25 \\     14 \\     5 \\     6 \\     4 \\     3 \\     3 \\     7 \\     2 \\     73 \\     4 \\     4 \\     31 \\     9 \\     20 \\     22 \\     1 \\     5 \\     4 \\     4 \\     1 \\     5 \\     4 \\     1 \\     5 \\     4 \\     1$	153           4           38           25           12           5           8           111           13           30           4           21           13           30           4           21           14           6           8           5           18
RICHMOND BOROUGH	$\begin{array}{c} 35\\ 35\\ 27\\ 12\\ 6\\ 6\\ 6\\ 4\\ 5\\ 8\\ 8\\ 8\\ 32\\ 32\\ 32\\ 32\\ 32\\ 32\\ 32\\ 32\\ 32\\ 32$	$ \begin{array}{r}     18 \\     10 \\     52 \\     31 \\     13 \\     11 \\     6 \\     43 \\     12 \\     12 \\     8 \\     44 \\     42 \\     25 \\     25 \\     25 \\     25 \\     25 \\     25 \\     25 \\     25 \\     31 \\     4 \\     4 \\     2 \\     3 \\     3 \\     4 \\     4 \\     2 \\     2 \\     2 \\     2 \\     3 \\     3 \\     4 \\     2 \\     2 \\     2 \\     3 \\     3 \\     4 \\     2 \\     2 \\     2 \\     3 \\     3 \\     4 \\     2 \\     2 \\     3 \\     3 \\     4 \\     2 \\     2 \\     3 \\     3 \\     4 \\     2 \\     2 \\     3 \\     3 \\     4 \\     2 \\     2 \\     3 \\     4 \\     3 \\     4 \\     3 \\     4 \\     3 \\     4 \\     3 \\     4 \\     3 \\     4 \\     4 \\     2 \\     3 \\     4 \\     3 \\     4 \\     3 \\     4 \\     3 \\     4 \\     3 \\     5 \\   $	6           3           2           1           1           3           44           14           14           14           14           14           30           7           30           7           2           6           2           2           3           2           3           2           3	22, 36 15, 400 10, 200 5, 200 5, 200 6, 960 155, 838 54, 870 54, 870 55, 870 56, 87	87 78 12 4 20 17 16 9 690 690 867 234 228 6 37 715 155 233 8 62 70 33 233 20 20 20 5 37 16 17 18 18 19 10 10 10 10 10 10 10 10 10 10	2992, 338 260, 302 76, 490 54, 770 21, 720 70, 725 68, 972 44, 115 23, 036 1, 932, 003 1, 932, 003	48 42 111 8 3 12 13 6 6 330 108 118 112 109 3 11 36 9 9 9 162 5 377 27 27 27 27 27 27 27 27 27 27 27 27 2	$\begin{array}{c} 165, 685\\ 152, 081\\ 154, 890\\ 42, 670\\ 011, 720\\ 34, 565\\ 48, 524\\ 14, 602\\ 13, 604\\ 1, 172, 327\\ 676, 690\\ 454, 206\\ 446, 582\\ 7, 624\\ 431, 348\\ 140, 686\\ 50, 453\\ 405, 637\\ 23, 080\\ 93, 821\\ 148, 204\\ 69, 380\\ 93, 821\\ 148, 204\\ 69, 380\\ 99, 38, 150\\ 19, 674\\ 26, 208\\ 10, 600\\ 99, 039\\ 38, 045\\ 60, 994\\ 25, 254\\ \end{array}$	$\begin{array}{r} 39\\ 36\\ 5\\ 4\\ 1\\ 1\\ 17\\ 4\\ 10\\ 0\\ 3\\ 260\\ 189\\ 122\\ 119\\ 3\\ 26\\ 85\\ 6\\ 71\\ 13\\ 15\\ 19\\ 6\\ 11\\ 12\\ 17\\ 7\\ 3\\ 4\\ 6\end{array}$	128, 663 117, 221 22, 100 12, 100 20, 448 29, 513 9, 432 759, 678 551, 712 386, 192 386, 193 378, 236 7, 960 06, 994 87, 987 10, 535 207, 964 8, 340 46, 006 55, 295 22, 385 2, 2800 34, 050 31, 0535 21, 498 3, 213 12, 280 31, 213 21, 22, 280 34, 050 34, 050 35, 050 34, 050 36, 050 36, 050 36, 050 36, 050 36, 050 36, 050 36, 050 37, 050 36, 0	87 78 16 12 29 17 16 9 501 289 170 166 4 5 5 5 5 29 212 289 170 166 4 5 17 18 18 289 170 186 18 289 170 186 18 289 170 186 18 289 170 186 18 289 170 186 18 289 170 186 186 186 186 187 186 186 186 187 186 186 186 187 186 186 186 186 187 186 186 186 186 186 186 197 186 186 186 186 186 197 186 186 186 186 186 187 186 186 186 187 186 186 186 186 186 187 186 186 197 186 197 186 186 197 186 186 186 186 197 197 186 197 197 197 197 186 197 197 197 197 197 197 197 197	$\begin{array}{c} 72\\ 66\\ 12\\ 9\\ 3\\ 20\\ 14\\ 14\\ 6\\ \hline \\ 252\\ 145\\ 4\\ 31\\ 60\\ 122\\ 165\\ 7\\ 38\\ 49\\ 23\\ 16\\ 10\\ 22\\ 23\\ 16\\ 10\\ 22\\ 23\\ 16\\ 10\\ 22\\ 38\\ 10\\ 0\end{array}$	10 12 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	39           03           64           62           2           21           4           3           23           21           22           21           22           21           22           21           22           21           22           21           22           23           3

See footnotes at end of table.

į,

		PROP		S AND FIRM				SALAR	IED EMI	PLOYFES				
CLASSIFICATION OF ESTABLISHMENTS	Estab- lish- ments	Re-	MEMI R	eceiving alaries		salaried		and clerical staff	Superi	intendents, men, etc.	Numb	er repor	ted, by	<u></u>
	report- ing	ceiv- ing no salary	Num- ber	Total an- nual salaries	Total num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Num- ber	Total an- nual salaries	Total	Male	Fe- male	Sex not re- port- ed
SYRACUSE		41	. 26		· · ·		236		159		392			
SYRACUSE General contractors Building Highway Street paving Sewer, gas, water, condult Other classes <sup>35</sup> Subcontractors Concreting and masonry Electrical Heating and plumbing Heating and plumbing Heating and sheet metal work Roofing and sheet metal work Stoef erection. Marble, tiling, and plastering. Other classes <sup>34</sup> UTICA General contractors. Building Street paving and highway. Subcontractors. Electrical Heating and plumbing Heating and highway. Subcontractors. Electrical Heating and plumbing Heating and plumbing. Steel erection <sup>34</sup> Other classes <sup>34</sup> . YON KERS. General contractors <sup>7</sup> . Building. Steel erection <sup>34</sup> . Other classes <sup>34</sup> . Subcontractors. Electrical Heating and plumbing. Heating and plumbing. Steel erection <sup>34</sup> . Other classes <sup>34</sup> . Subcontractors. Building not specialized <sup>7</sup> . Residential building only Other classes <sup>36</sup> . Subcontractors. Heating and plumbing. Heating and plumbing. Heating and plumbing. Building not specialized <sup>7</sup> . Residential building only Other classes <sup>36</sup> . Subcontractors. Heating and plue covering. Plumbing. Heating and plue covering. Plumbi	$\begin{array}{c} 36\\ 36\\ 18\\ 6\\ 4\\ 4\\ 4\\ 4\\ 61\\ 3\\ 6\\ 27\\ 10\\ 0\\ 17\\ 9\\ 5\\ 3\\ 5\\ 5\\ 8\\ 5\\ 5\\ 8\\ 5\\ 6\\ 47\\ 222\\ 18\\ 4\\ 25\\ 3\\ 9\\ 4\\ 5\\ 4\\ 3\\ 6\\ 6\\ 211\\ 11\\ 10\\ 5\\ 38\\ 10\\ 7\\ 3\\ 3\\ 9\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\ 5\\$	18         6           3         2           6         1           23         1           3         10           2         8           4         2           4         2           4         8           6	777	\$66, 172           14, 345           14, 345           14, 345           14, 345           314, 345           314, 345           314, 345           314, 345           314, 345           314, 345           314, 345           314, 345           314, 345           314, 345           314, 345           314, 345           315, 350           35, 135           8, 608           20, 327           2, 600           22, 413           1, 600           18, 237           2, 600           22, 413           1, 600           18, 237           2, 600           22, 413           1, 600           18, 237           2, 600           2, 600           15, 637           137, 768           88, 935           28, 736           10, 000           18, 736           60, 200           3, 900           3, 900	395           217           104           33           38           20           18           22           44           18           22           44           18           225           13           4           6           32           255           13           4           6           32           255           13           4           163           94           56           151           111           13           10           175           93           52           38           14           82           22           34           41           82           22           34           15           12	<b>81, 197, 750</b> <b>704, 456</b> <b>300, 203</b> <b>107, 028</b> <b>86, 174</b> <b>76, 048</b> <b>45, 003</b> <b>493, 204</b> <b>493, 204</b> <b>493, 204</b> <b>493, 604</b> <b>315, 503</b> <b>112, 228</b> <b>49, 161</b> <b>16, 437</b> <b>112, 228</b> <b>49, 161</b> <b>16, 437</b> <b>112, 228</b> <b>49, 161</b> <b>16, 437</b> <b>112, 228</b> <b>49, 161</b> <b>16, 437</b> <b>112, 228</b> <b>49, 161</b> <b>16, 401</b> <b>92, 312</b> <b>91, 371</b> <b>45, 586</b> <b>7, 658</b> <b>141, 820</b> <b>177, 501</b> <b>372, 405</b> <b>38, 534</b> <b>335, 564</b> <b>305, 565</b> <b>305, 565</b> <b>305</b>	$\begin{array}{c} 238\\ \hline 100\\ 48\\ 14\\ 17\\ 12\\ 9\\ 136\\ 4\\ 17\\ 29\\ 12\\ 17\\ 24\\ 20\\ 12\\ 17\\ 24\\ 20\\ 12\\ 12\\ 10\\ 22\\ 11\\ 3\\ 50\\ 6\\ 8\\ 8\\ 114\\ -50\\ 36\\ 22\\ 12\\ 10\\ 6\\ 8\\ 8\\ 114\\ -50\\ 36\\ 26\\ 10\\ 14\\ 8\\ 4\\ 11\\ 1\\ 8\\ 4\\ 11\\ 8\\ 8\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ $	\$739, 538           373, 023           203, 941           203, 941           203, 941           306, 6515           3480           3480           42, 228           24, 944           366, 6515           3, 480           442, 228           31, 412           31, 412           37, 260           37, 728           89, 993           76, 728           89, 993           76, 728           82, 427           30, 410           6, 660           311, 119           185, 191           98, 6199           125, 923           20, 064           30, 231           12, 178           14, 308           130, 331           88, 520           48, 600           202, 958           518, 301           88, 521           88, 622           313, 331           88, 522           48, 6003           202, 929           44, 438           10, 920           326, 929 <t< td=""><td><math display="block">\begin{array}{c} 159\\ 117\\ 56\\ 19\\ 21\\ 14\\ 7\\ 4\\ 5\\ 5\\ 5\\ 2\\ 0\\ 6\\ 4\\ 2\\ 2\\ 0\\ 6\\ 4\\ 2\\ 2\\ 1\\ 1\\ 71\\ 52\\ 29\\ 23\\ 19\\ 3\\ 4\\ 3\\ 1\\ 5\\ 5\\ 2\\ 23\\ 19\\ 3\\ 4\\ 3\\ 1\\ 5\\ 5\\ 2\\ 2\\ 61\\ 12\\ 4\\ 27\\ 18\\ 8\\ 8\\ 8\\ 8\\4\\ 4\\ 4\end{array}</math></td><td>\$458, 212 331, 433 186, 262 561, 228 44, 814 33, 820 15, 300 126, 779 9, 600 17, 220 48, 897 17, 097 31, 800 19, 360 19, 360 10, 364 56, 621 35, 664 115, 664 165, 618 38, 318 38, 3</td><td>392           216           104           32           38           26           16           17           8           22           4           30           24           18           24           18           25           13           4           117           65           37           18           77           36           214           41           70           36           214           41           70           36           214           41           70           36           214           41           70           36           214           15           34           15           32</td><td>325           187           89           31           34           22           11           138           7           7           17           30           14           16           20           17           30           19           11           4           95           56           33           39           7           15           63           277           15           116           63           53           111           10           1           43           10</td><td>67 209 15 1 4 4 5 38 1 5 12 4 8 10 7 3 2 2 9 4 4 8 10 7 3 2 2 9 4 4 8 10 7 3 2 2 9 4 5 5 1 2 2 9 4 5 5 1 2 2 2 9 4 5 5 1 2 2 2 9 4 5 5 5 1 2 2 5 5 5 1 2 2 5 5 5 1 2 5 5 5 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5</td><td>3         1           1         1           2         2           2         2           2         2           2         2           2         2           2         2           2         2           3         8           7         2           28         16           16         16           12         7           7         7</td></t<>	$\begin{array}{c} 159\\ 117\\ 56\\ 19\\ 21\\ 14\\ 7\\ 4\\ 5\\ 5\\ 5\\ 2\\ 0\\ 6\\ 4\\ 2\\ 2\\ 0\\ 6\\ 4\\ 2\\ 2\\ 1\\ 1\\ 71\\ 52\\ 29\\ 23\\ 19\\ 3\\ 4\\ 3\\ 1\\ 5\\ 5\\ 2\\ 23\\ 19\\ 3\\ 4\\ 3\\ 1\\ 5\\ 5\\ 2\\ 2\\ 61\\ 12\\ 4\\ 27\\ 18\\ 8\\ 8\\ 8\\ 8\\4\\ 4\\ 4\end{array}$	\$458, 212 331, 433 186, 262 561, 228 44, 814 33, 820 15, 300 126, 779 9, 600 17, 220 48, 897 17, 097 31, 800 19, 360 19, 360 10, 364 56, 621 35, 664 115, 664 165, 618 38, 318 38, 3	392           216           104           32           38           26           16           17           8           22           4           30           24           18           24           18           25           13           4           117           65           37           18           77           36           214           41           70           36           214           41           70           36           214           41           70           36           214           41           70           36           214           15           34           15           32	325           187           89           31           34           22           11           138           7           7           17           30           14           16           20           17           30           19           11           4           95           56           33           39           7           15           63           277           15           116           63           53           111           10           1           43           10	67 209 15 1 4 4 5 38 1 5 12 4 8 10 7 3 2 2 9 4 4 8 10 7 3 2 2 9 4 4 8 10 7 3 2 2 9 4 5 5 1 2 2 9 4 5 5 1 2 2 2 9 4 5 5 1 2 2 2 9 4 5 5 5 1 2 2 5 5 5 1 2 2 5 5 5 1 2 5 5 5 1 2 5 5 5 5 5 5 5 5 5 5 5 5 5	3         1           1         1           2         2           2         2           2         2           2         2           2         2           2         2           2         2           3         8           7         2           28         16           16         16           12         7           7         7
Steel erection Stonework and concreting Excavating Other classes <sup>37</sup>	4 3 3 7 7	4 1 1 3	4 1	8, 784 5, 050	3 6 5 7 20	7, 506 12, 500 27, 822 15, 524 71, 942	3 4 3 7 18	7,506 7,500 19,782 15,524 63,912	2 2 2	5, 000 8, 090 8, 030	3 6 5 3 19	3 4 3 2 16	2 2 1 3	4
<ul> <li>Includes air transport; telephone line and s</li> <li>Includes bridge and culver; sewer, gas, wa</li> <li>Includes bridge and culver; sewer, gas, wa</li> <li>Includes pipe covering; and automatic tem</li> <li>Includes flooring, n. e. s.</li> <li>Includes bridge and culver; dredging, rive</li> <li>Includes bridge and culver;</li> <li>Includes protocoring; and automatic ten</li> <li>Includes grading; dam and reservoir; and</li> <li>Includes grading; dam and reservoir; and</li> <li>Includes soundprotofing; sewer, gas, water, cond</li> <li>Includes central station, light and power I</li> <li>Includes construction.</li> <li>Includes grading; waterworks; and foundation</li> <li>Includes grading; waterworks; sondproofing; and</li> <li>Includes glass and glazing; wrecking: foundation</li> <li>Includes grads and glazing; swere, gas, wate</li> <li>Includes dredging, river, harbor; foundation</li> <li>Includes and and reservoir; and plaubid</li> <li>Includes dredging, river, harbor; foundation</li> <li>Includes dam and reservoir; and plaubid</li> <li>Includes bridge and culvert; and sewer, gas</li> <li>Includes bridge and culvert; and sewer, gas</li> <li>Includes bridge and culvert; and power is</li> <li>Includes bridge and culvert; and sewer, gas</li> <li>Includes bridge and culvert; and sewer, gas</li> <li>Includes elevator construction; glass and g</li> <li>Includes bridge and culvert; and sewer, gas</li> <li>Includes elevator construction; glass and g</li> <li>Includes elevator construction; glass and g</li> <li>Includes bridge and culvert; and sewer ga</li> <li>Includes bridge and culvert; and sewer ga</li> <li>Includes elevator construction; and sever ga</li> <li>Includes elevator construction; and sever ga</li> <li>Includes elevator construction; and</li></ul>	ystem; ter, con ter, con peratur- ding. r, harbo uperatur ding. r, harbo uperatur ding. conduit lant; an conduit lant; an conduit lant; and ra metal w pi, cent er, cond mot al w pi, cent er, cond s, water lazing; a and resu	and ra duit; w duit; d e contr of a contr of a contr dation wers. ; and v and med dio tow vork, n ral sta uit; ma se disp ieating , condi nd flor;	railroa railroa ol. ; and f waterw vay (ot ildings) otal wo vers. . e. s. tion, lip tal wo sal pla combi iit. rring, n and w	er, etc. riks; and rer riks; and rer d; and centr looring, n. e orks. her than bu b. rk, n. e. s. ght and pow rk, n. e. s.; a nct. . e. s. aterworks.	ntal of eco por, etc.; ral static . s. ildings) rer plant and floor	uipment, tr and central on, light and t; and refuse ing, n. e. s.	ucking, station, power p disposa	bion light and po	wer pla	nt; 		a an		
<ul> <li>Includes metal work, n. e. s.</li> <li>Includes carpentering and wood flooring; I</li> <li>Includes carpentering and wood flooring; T</li> <li>Includes carpentering and wood flooring; T</li> <li>Includes highway; street paving; and sewe</li> <li>Includes carpentering and wood flooring: e</li> </ul>	ental iro ental iro ainting r, gas, w lectrical	and de and de vater, c ; marb	ecoratin coratin onduit le and	ng; glass and ng; marble a tiling; ornar	glazing nd tiling nental i	; and gradin g; and excave ron; and met	g. ating. al work	, n. e. s.		2000 - 2000 2000 - 2000 2000 - 2000 2000 - 2000		avita Natita Natita States S	anda Angelan Angelan Angelan Angelan Angelan	

## TABLE 6.-VALUE OF CONSTRUCTION EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929

	lts	EQUIPI	JENT				ents	EQUIP:	MENT		
CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Invento- ry value at end of year	Value of construc- tion busi- ness re- ported	Wages paid	CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Invento- ry value at end of year	Value of construc- tion busi- ness re- ported	Wages paid
The second se		Dollars 16, 888, 861	Dollars 66, 552, 935	Dollars 1,210,285,151	Dollars 29 3, 372, 633	ALBANY-Continued Classification of establish-					
Classification of establish- ments						ments-Continued Subcontractors	28	Dollars 68, 877	Dollars 239, 744	Dollars 3, 015, 326	Dollars 967, 885
Operative builders	80	7,699	36, 577	37, 890, 092	1, 220, 358	Electrical		200 7,171 3,646	28,013 0.572	180, 139 919, 292 452, 667	59, 453 251, 938 91, 577
General contractors Building Building not specialized	1, 543 1, 112 752	13, 540, 185 1, 777, 519 1, 594, 195	52, 141, 432 7, 237, 835 6, 373, 146	516, 879, 295 449, 423, 594	92, 240, 944 80, 967, 840	Plumbing Painting and decorating <sup>8</sup>	4 7 5 4	3, 525 1, 300	18, 441 11, 451	466, 625 348, 818 343, 705	160, 361 171, 863 110, 134
General contractors Building Building not specialized Commercial building only Manufacturing building only Residential building only Highway	103 7 250	38,338 1,224 143,762	261, 147 66, 341 537, 201	20, 718, 150 1, 306, 821 45, 430, 730	3, 659, 890 301, 569 7, 311, 645	Roofing and sneet-metal work. Other classes 7	. 5	58, 275	140, 496	1, 223, 372	374, 497
Residential building only Highway Bridge and culvert Grading Street paving Sweer, gas, wâter, conduit Dam and reservoir Waterworks Dredging, river, harbor, etc Railroad Foundation Central station, light and power plant	133	$\begin{array}{c} 1, 594, 195\\ 38, 338\\ 1, 224\\ 143, 762\\ 2, 554, 445\\ 169, 761\\ 222, 608\\ 1, 057, 991\\ 1, 039, 959\\ 83, 159\\ 1, 738, 600\\ 2, 147, 270\\ 223, 044\\ 8, 111\\ \end{array}$	9, 679, 501 1, 073, 268	43, 937, 421 6, 466, 830 2, 929, 676	167, 108, 715           92, 240, 944           80, 967, 840           3, 669, 890           3, 669, 890           7, 311, 645           10, 881, 915           13, 833, 788           81, 0146, 128           10, 146, 128           10, 643, 169, 170           80, 481           0, 146, 128           10, 643, 674           4, 7, 567, 532           12, 267, 499	Percentage of equipment owned General contractors	. 32	149, 508	757, 605	8, 198, 041	2, 496, 296
Street paving Sewer, gas, water, conduit	94	1, 057, 991 1, 039, 959	6, 026, 373 2, 257, 800	38, 292, 208 17, 145, 950	10, 146, 128 6, 169, 170	General contractors	. 1 ( 24		62, 400 188, 440 492, 619	0, 884, 929	27, 982 401, 444 1, 971, 098
Dam and reservoir		1, 738, 600 2, 147, 270	2, 913, 824 15, 102, 178	22, 728, 220 28, 159, 774	0 6, 493, 674 7, 567, 263	Not reported	- 28	11,846	14, 140	362, 971 3, 015, 326	95, 772 967, 885
Railroad Foundation Central station light and	- 10 - 7	223, 044 8, 111	1, 026, 976	7, 837, 319 886, 571	2, 657, 582 L 257, 499	Subcontractors 51% to 75%		20, 210	26, 532 50, 896	99, 335	30, 873 100, 472 811, 399
Cubrer (other then build.			455,082 4,674,685	23, 216, 32	6, 549, 179	100% Not reported			11,865	101, 374	25, 141
ings) Other classes <sup>1</sup>		68,176	220, 114	1, 617, 49	491, 340 124, 953, 560	BUFFALO	- 283	662, 609	4, 033, 352	58, 132, 037	14, 236, 872
Subcontractors Carpentering and wood floor- ing	- 2, 173				1.1.1	Classification of establish- ments					2
Concreting Electrical	- 70		587, 335 639, 457 408, 555	20, 553, 78 43, 314, 28 23, 635, 63	$\begin{bmatrix} 16, 181, 577 \\ 4 859 822 \end{bmatrix}$	General contractors <sup>3</sup> Building	- 87	3 132, 287	2, 637, 441 660, 955 636 143	25, 041, 762	8, 602, 671 5, 554, 563 5, 273, 243
Heating and plumbing Heating and piping	18	574,820 167,711 1,450	639, 457 408, 555 2, 592, 329 780, 778 5, 841	112,830,82 38,976,14	21 29, 163, 880	Building not specialized <sup>3</sup> Residential building only Highway	1 14	9, 231 181, 250	24,812	2, 516, 964	5, 273, 243 281, 320 1, 038, 463
Elevator construction Heating and plumbing Pipe covering Plumbing Plumbing and heating com-	41	3 311, 39	1, 293, 616	56, 584, 37	1	Highway Street paving Sewer, gas, water, conduit Other classes <sup>8</sup>		48, 730 48, 730 12, 494 5 58, 678	260, 915 81, 970 471, 400	1, 471, 186	732, 855 687, 607 589, 183
bined Automatic temperature con- trol Automatic sprinkler systems	-	3 2, 93		844,06	6 217,842	Subcontractors	- 14		1, 395, 911	21, 100, 982	5, 634, 201 62, 998
Masonry Painting and decorating	10	8 130,05 6 125,62	a saras	19 072 39	3 8, 106, 982	Subcontractors. Concreting. Electrical. Elevator construction <sup>9</sup> . Heating and plumbing. Heating and piping <sup>10</sup> Plumbing and heating com		8 14,998 4 12,500	3 90,930 3 21,691	3, 165, 520 2, 646, 907	749, 789 365, 499
Glass and glazing Plastering and lathing Roofing and sheet-metal work.	$     \begin{array}{c}       1 \\       7 \\       21     \end{array} $	8 1, 11 7 108, 75 1 142, 95	0 158,86 2 351,40 3 930,88	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1 389, 618 3 12, 947, 418 5 5, 661, 014	Heating and plumping Heating and piping <sup>10</sup> Plumbing		4 6,86	LJ 75, 183	2,913,470	601, 059 715, 785
Roofing Sheet-metal work	- 9 7	2 87,53 0 30,60	8 383, 20 8 320, 69	0 10, 222, 59 0 6, 520, 41	6 2, 436, 170 4 1, 992, 140	Plumbing and heating com- bined Masonry and stone work		7 9,76 4 9,38			139, 076 242, 489
Roofing Sheet-metal work Roofing and sheet metal con bined Steel erection. Stonework. Marble and tiling. Wreeking. Excavating. Ornamental iron. Highway. Grading. Soundproofing. Foundation. Metal work, n. e. S. Flooring, n. e. S. Other classes of equipment	4	9 24, 80 5 810, 59	9 226, 97 4 1, 328, 29 8 861, 97 2 1, 341, 76 7 110, 59 7 1, 767, 14 7 678, 55 1 151, 85 9 55 04	5 4, 328, 94 5 24, 345, 39	8 4, 545, 114	Painting, decorating, and glaz ing Plastering and lathing Roofing and sheet-metal worl	-	0 5, 59	9 32, 22 9 26, 76	L 693, 279	232, 454 381, 042
Stonework. Marble and tiling Wrecking	- 3 - 13 - 1	3 87, 27 4 304, 46 4 81, 65	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6,917,39 24,085,68 1,336,67	0 7,893,875 2 827,790	Roofing and sheet-metal work Roofing	c. 2 1	6 31, 37	9 211, 98. 7 80, 960	1 2,249,886 1,083,469	594,740
Excavating Ornamental iron	- 4	6 416, 34 4 38, 40 6 30, 05	7 1, 767, 14 7 678, 55 1 151, 88	5 11,799,50 5 11,027,11 7 1,190,19	A 1.999.369	Roofing Sheet-metal work Roofing and sheet meta combined		7 4.96	4 40, 22	1 703, 124	208, 760
Grading Soundproofing	<u>.</u>					Steel erection Marble and tiling Excavating and wrecking		6 89 7 12,30	0 174,99	5 703, 681 1 363, 011	242, 255 130, 821
Foundation Metal work, n. e. S Flooring, n. e. S		3         5, 60           1         373, 02           3         17, 17           7         19, 98           5         12, 31	0 56,50 2 60,36 5 77,32	8         581, 23           1         19, 902, 50           9         2, 001, 83           2         2, 794, 11           3         498, 73	166, 280           166, 280           1           5, 890, 838           34           397, 200           19           825, 030           74           184, 220	Other classes 11 Percentage of equipment	-	0 55, 87	6 176, 77	5 1,663,300	554, 081
Other classes <sup>2</sup> Percentage of equipment owned		5 12, 31	5 77,82	3 498,7	14 184,220	General contractors <sup>2</sup>		433, 43	9 2, 637, 44	1 37, 031, 05	8, 602, 671
General contractors <sup>3</sup>	1, 62	ve l		1 01 185 0	87 168, 419, 073 83 5, 223, 791	9607 to 5007		4 3 30 2 6.18	7 7, 41 2 23, 61	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	50, 520 60, 260 688, 605
1% to 25% 26% to 50%		5 151, 49 8 263, 21	5 354,09 6 754,16	E 62'004'4'	751 0 575 150	51% to 75% 76% to 99%		$\begin{array}{cccc} 2 & 6, 18 \\ 2 & 12, 21 \\ 11 & 160, 50 \\ 30 & 242, 12 \end{array}$	5 21,50 8 790,77 9 1,767,64		645,000 2,301,469 4,404,205
General contractors <sup>3</sup> None 1% to 25% 26% to 50% 51% to 75% 76% to 09% 100% Not reported Not reported	24	9 5, 177, 74 0 7, 306, 74	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	33, 554, 4           7         24, 599, 6           3         28, 686, 6           3         218, 171, 2           6         352, 245, 8           6         46, 362, 3	4, 549, 470           60         6, 277, 510           29         48, 336, 439           23         87, 797, 136           58         6, 659, 577	Not reported		5 12,09	8 26, 50 0 1, 395, 91	1 01 100 09	5 624 201
Not reported	2, 17		7 14, 374, 92		64 124, 953, 560 021 8, 526, 610	Subcontractors None 51% to 75%	. 14  	1 I I I		135,874 1,085,040	40, 289 345, 102
Nuc. 18ported Subcontractors None		43, 67 4 37, 11	2 100, 78 9 164, 93 6 592, 02	5 11, 384, 6 1 6, 708, 3	64 124, 953, 560 02 8, 526, 610 05 3, 167, 590 71 3, 241, 440 14 17, 268, 832 41 85, 596, 848 50 3, 105, 825	Subcontractors None 51% to 75% 76% to 99% 100% Not reported		4 6,47 32 205,87 4 1,71	0 69,79 9 74,61 9 1,241,96 2 9,53	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2 5, 634, 201 4 40, 289 345, 102 7 108, 257 5 4, 967, 139 3 173, 414
51% to 75% 78% to 99% 100%	11	4 751, 34 5 2, 220, 67	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 56, 441, 0 4 278, 335, 6	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	NEW YORK CITY					1 213, 938, 581
						Classification of establish-			-		
ALBANY Classification of establish		218, 38	997, 34	9 11, 213, 3	-	Operative builders	1 :	57 <b>3, 7</b> 4			
ments General contractors		149, 50	8 757,60	5 8, 198, 0	41 2, 496, 296	General contractors Building Building not specialized	6 4 3	30 8, 510, 99 30 884, 40 01 807, 98	830, 700, 55 0 2, 833, 18 0 2, 480, 30	002, 341, 83 2 380, 031, 46 6 335, 949, 03	7 57, 619, 947 2 51, 477, 062
Building Building not specialized Residential building only		18 25,58 15 23,89 3 1,68 8 77,88 6 46,00	191 D.81	5         8, 198, 0           1         4, 657, 6           2         4, 297, 6           9         360, 0           6         1, 898, 3           8         1, 642, 0	41         2, 496, 296           60         1, 106, 279           02         1, 015, 601           58         90, 678           58         586, 685           23         803, 382	Building Building not specialized Commercial building only Manufacturing building only Residential building only	у.	88 24,48 4 20 87 51,70	98       30, 700, 55         90       2, 833, 13         30       2, 480, 30         59       156, 14         90       9, 55         31       187, 12         96       546, 26	9 562, 341, 83 2 380, 031, 46 6 335, 949, 03 2 18, 817, 30 1 909, 00 3 24, 356, 13 0 3, 973, 16	3, 263, 042 3 209, 040 2 2, 680, 79
Street paving and highway Other classes '		8 77, 88 6 46, 00	33  351, 54 38 245, 70	$\begin{bmatrix} 1, 898, 3\\ 8 & 1, 642, 0 \end{bmatrix}$	586, 685 23 803, 332	Highway		8 229, 5	546, 26	iel 3, 973, 16	2 1,069,998

# TABLE 6.—VALUE OF CONSTRUCTION EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929—Continued

	ents g	EQUIP	MENT	Value of		а. С	ients g	EQUIP	MENT		
CLASSIFICATION OF ESTABLISH- MEN'IS AND PERCENTAGE OF EQUIPMENT OWNED	Establishmen reporting	Pur- chased during they car	Invento- ry value at end of year	construc- tion busi- ness re- ported	Wages paid	CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishmer reporting	Pur- chased during the year	Invento- ry value at end of year	Value of construc- tion busi- ness re- ported	Wages paid
NEW YORK CITY—Contd. Classification of establish-						BRONX BOROUGH-Contd.			a transf	:	
ments-Continued General contractors-Continued. Bridge and culvert. Grading Street paving. Sewer, gas, water, conduit Waterworks, dam and reser- voir. Dredging, river, harbor, etc Railroad.	5 3 33 18	Dollars 35, 578 2, 300 426, 566 624, 084	Dollars 184, 087 56, 161 2, 930, 778 1, 239, 841	Dollars 3, 215, 020 239, 954 21, 157, 232 10, 838, 055	Dollars 521, 095 53, 430 5, 274, 974 3, 749, 353	Classification of establish- ments-Continued Subcontractors-Continued. Roofing and sheet-metal work Sheet-metal work Roofing and sheet metal com- bined Steel eraction	19 5 9	Dollars 5, 151 3, 713 459	Dollars 63, 362 24, 076 22, 142	Doilars 2, 267, 998 384, 757 1, 268, 356	Dollars 577, 339 84, 579 373, 793
voir Dredging, river, harbor, etc Railroad Foundation Central station, light and power plant Rofuse disposal plant Subway (other than buildings)	14 20 9 5	78, 724	$\begin{array}{c} 2,443,545\\ 14,297,476\\ 1,024,178\\ 46,304\\ 882,606\\ 41,500 \end{array}$			bined Stonework Marbie and tiling Excavating Ornamental iron Motal work, n. e. 8. <sup>16</sup> Floring, n. e. 8. Other classes <sup>16</sup>	5 9 6 20 6 24	3, 685 46, 187 41, 141 17, 649	17, 144 140, 797 38, 707 128, 267 242, 463 270, 358	614, 885 1, 436, 144 741, 536 3, 979, 704 1, 590, 991 3, 650, 081	118,967250,817155,0661,472,614721,189749,748330,570
Subcontractors	1, 316	2, 322, 900 38, 628 149, 450 89, 173	4, 674, 685 9, 501, 531 238, 407 423, 104	64, 898, 779	101 040 802	Percentage of equipment		2, 700  413, 827	10, 000 11, 100 9, 314 1, 079, 577	1, 718, 367 569, 496 330, 029 20, 263, 668	170, 437 64, 885
Carpentering and wood flooring. Concreting. Electrical Elevator construction. Heating and plumbing Pipe covering. Plumbing Plumbing and heating com- bined	16 393 98 5 241 46	311, 130 114, 267 1, 000 171, 031	1, 185, 564 403, 561 1, 752 670, 960	28, 748, 036 2, 015, 856 41, 131, 156	10,700,404	Genaral contractors <sup>3</sup>	$     \begin{array}{c}       14 \\       1 \\       4 \\       10 \\       19 \\       1 \\       10 \\       19 \\       1 \\       10 \\    $	376 15, 800 362, 105 82, 576 2, 910	24, 000 832, 493 194, 686 23, 898	1, 286, 700 8, 974, 931 4, 968, 492 490, 000	181, 273 2, 592, 211 1, 068, 075 70, 110
bined Automatic sprinkler systems. Masonry Painting and decorating Glass and glazing Plastering and lathing Roofing and sheet-motal work. Roofing. Sheet-metal work.	1 58	5, 18792, 56997, 2881, 10288, 05546, 44130, 191	7, 301 249, 395 176, 633 136, 987 273, 004 314, 912 122, 949	10, 680, 966 1, 502, 589 20, 733, 351 11, 919, 866 5, 578, 710	5, 013, 050 332, 632 11, 879, 239 3, 185, 339	Subcontractors. Nono	194 34 4 2 12 130 8	3, 247 6, 063 1, 500 48, 789	10,365 294,326	5, 662, 013 665, 156 579, 874 188, 000 2, 706, 844 16, 525, 218	$\begin{array}{c} 8, 295, 250\\ 2, 217, 340\\ 199, 206\\ 163, 055\\ 77, 425\\ 989, 969\\ 4, 264, 931\\ 383, 324 \end{array}$
Painting and decorating Plastering and lathing Roofing and sheet-metal work. Roofing and sheet-metal work. Roofing and sheet metal com- bined Stonework Marble and tiling Wrecking Dramental iron Highway and grading Foundation Metal work, n. e. s. Flooring, n. e. s. Other classes is Other classes is Other classes is Percentage of equipment	22 41 29 99 12 26 75	72, 827 281, 944 80, 057 270, 079	837, 371 827, 142 982, 603 100, 746 1, 213, 311	18, 798, 182 6, 572, 746 20, 380, 272 1, 200, 670 10, 758, 832	776, 425	BROOKLYN BOROUGH. Classification of establish- ments Operative builders. General contractors.	378 10 04		3, 573, 480 2, 125, 145 397, 303	4, 444, 898	18, 705 7, 663, 008
	3 10 9 11 5	9, 736 337, 516 1, 915 14, 830	60, 326 1, 119, 284 38, 300	856, 870 19, 664, 645 1, 488, 850 2, 339, 492	5, 786, 682	General contractors. Building Building not specialized Commercial building only. Residential building only. Highway Sawar, gas, water, conduit. Dredging, river, harbor, etc Railroad <sup>17</sup> . Other classes <sup>18</sup> .		55, 754 4, 495 802 145, 867 167, 707 1, 510	353, 831 26, 360 17, 103 775, 664 463, 048 208, 663	21, 307, 835 1, 366, 366 2, 648, 011 4, 177, 921 2, 208, 385 385, 680	$\begin{array}{c} 4,565,946\\ 4,196,761\\ 221,527\\ 147,658\\ 1,011,723\\ 819,883\\ 148,211\\ \end{array}$
owned           General contractors <sup>3</sup> None           1% to 25%           20% to 50%           51% to 73%           70% to 99%           100%           Not reported	687 162 27 30 41	8, 514, 739 131, 166 113, 520 314, 680 3, 729, 459	30, 714, 309 303, 158 383, 964 668, 172 17, 430, 613	596, 893, 121 85, 165, 014 50, 979, 089 20, 218, 514 21, 709, 214 174, 060, 451	$\begin{array}{c} 111, 983, 889\\ 4, 544, 384\\ 8, 034, 535\\ 3, 259, 315\\ 3, 900, 696\\ 37, 207, 061\\ 48, 653, 985\\ 5, 474, 913\\ \end{array}$	Subcontractors Carpentering and woodfloor- ing Concreting	268 8 - 3	105, 767 2, 290 244, 731 7, 682 10, 922 3, 756	197, 861 82, 606 1, 448, 335 24, 661 34, 730 24, 267	3, 477, 556 414, 880 33, 828, 860 690, 111 281, 012 829, 003	987,063 130,182 8,440,411 235,836 127,209 285,985
		2, 322, 900	9, 501, 531	313, 306, 413		Heating and plumbing Heating and plumbing Plumbing Plumbing and heating com- bing	3 96 28 61 7 14	10, 448 39, 326	10, 795 231, 181 85, 919 133, 199 12, 063 60, 400	4, 388, 495 10, 351, 224	714, 235 2, 067, 042 615, 733 1, 385, 190 66, 110 537, 938
Subcontractors           None           1% to 25%           26% to 60%           51% to 75%           76% to 09%           100%           Not reported           BRONX BOROUGH	31 81 954 54 243		100, 785 149, 972 351, 715 2, 204, 638 6, 481, 740 212, 681 2, 189, 445	1,000,010	2, 694, 347 16, 299, 616 64, 992, 242 2, 689, 188 12, 490, 452	Masonry Painting and decorating Plastering and lathing Roofing and sheet-motal work. Roofing Sheet metal work. Roofing and sheet motal com- bined	17 5 29 10 11 8	5, 650 11, 400 6, 141 2, 534 2, 600 1, 007	21, 818 9, 290 95, 160 29, 526 39, 545 26, 089	1, 034, 695 557, 766 2, 956, 602 645, 804 1, 553, 648 757, 150	485, 673 274, 152 914, 303 202, 604 481, 165
Classification of establish- ments Operative builders General contractors Building Building not specialized	10	413, 827 34, 654	1, 079, 577 70, 402 55, 733	1, 852, 555 18, 411, 113 7, 017, 592 4, 345, 402	27, 136 4, 168, 066 810, 909 611, 633	bined Stel eraction. Stonework. Marble and tiling. Excevating. Ornamental iron. Metal work, n. e. s. Other classes <sup>10</sup>	16 9 28 4 22 3 4	1, 087 21, 687 28, 162 75, 795 3, 003 1, 430 12, 868	$\begin{array}{c} 137, 150\\ 228, 299\\ 249, 572\\ 107, 425\\ 199, 957\\ 7, 857\\ 5, 773\end{array}$	$\begin{array}{c} 1,952,529\\ 1,056,870\\ 4,003,847\\ 310,388\\ 2,772,923\\ 667,035\\ 222,713\end{array}$	$\begin{array}{c} 230, 534\\ 398, 623\\ 308, 428\\ 1, 307, 253\\ 106, 101\\ 445, 947\\ 110, 649\\ 61, 037 \end{array}$
Building not specialized Building not specialized Commercial building only Residential building only Street paving and highway Sewer, gas, water, conduit Foundation Other classes <sup>14</sup>	3	2, 820 27, 320 40, 200 3, 671 307, 982	10, 000 515, 654 128, 574 39, 804 325, 143	683, 855 1, 988, 835 3, 042, 487 1, 077, 623 585, 740 6, 687, 671	112, 134	Percentage of equipment owned General contractors <sup>3</sup>	110 32 2 8		2, 125, 145 60, 827 152, 942 861, 389	40, 431, 532 6, 291, 512 2, 440, 000 2, 226, 042 7, 251, 618	7, 681, 713 211, 299 348, 553 440, 188
Subcontractors. Carpentering and wood flooring. Concreting. Electrical. Heating and plumbing. Heating and pipe covering Plumbing. Plumbing and heating com-	6 9 44 9	1, 750 4, 245 200 13, 946 1, 901	16, 329 22, 502 13, 187 69, 222 10, 643	1, 349, 049	575, 487 279, 779 272, 010 899, 763 207, 416 544, 953	76% to 99%	16 51 1 268 22 2 2 3 5	159, 386 244, 731	861, 389 1, 028, 526 12, 461 1, 448, 335 6, 330 36, 050	22, 160, 628 61, 732 33, 828, 860 2, 521, 805 119, 590 235, 200	2, 305, 179 4, 355, 425 21, 069 8, 440, 411 603, 898 49, 897 73, 393
Plumbing and heating com- bined	14 4 8	7, 371	56, 972 3, 888	260, 628)	147, 894 1, 436, 786 135, 248 198, 512	Not reported           Subcontractors           1% to 25%           26% to 50%           51% to 75%           76% to 99%           100%           Not reported	5 11 215 10	21, 541 190, 864	37, 571 42, 178 1, 201, 870	814, 004 1, 060, 787 27, 895, 253	259, 858 442, 424 6, 786, 742 224, 199

#### TABLE 6.--VALUE OF CONSTRUCTION, EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929-Continued

	\$					SKING 1929—Continued	62	EQUIP	MENT		
CLASSIFICATION OF ESTABLISH-	ing	EQUIP	MENT	Value of construc-	Wages	CLASSIFICATION OF ESTABLISH-	uments ting			Value of	Wages
MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Invento- ry value at end of year	tion busi- ness re- ported	paid	MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishme reporting	Pur- chased during the year	Invento- ry value at end of year	construc- tion busi- ness re- ported	paid
MANHATTAN BOROUGH.	1, 150	Dollars 8, 736, 100	Dollars 29, 757, 411	Dollars 728, 112, 456	Dollars 169, 984, 878	QUEENS BOROUGH-Con. Classification of establish-					al Carl
Classification of establish- ments			1.1	an an an An an An		ments-Continued Subcontractors-Continued. Heating and plumbing		Dollars	Dollars	Dollars	Dollars
Operative builders	28	2, 696	3, 840			Heating and plumbing Heating and pipe covering	45 11 28	36, 523 8, 996 26, 627	162, 397 26, 231 123, 983	604, 500 2, 107, 264 5, 842, 970	1, 854, 164 386, 461 1, 318, 227
General contractors Building	410 334	7,038,876	24,056,478 2,203,365 1,991,575	483, 153, 314 340, 500, 359 306, 449, 029	92, 752, 757 51, 015, 115 46, 032, 541	Plumbing and heating com- bined	6	900 5, 450	12, 183	654, 266	149, 476 207, 465
Commercial building only Residential building only	223 67 44	13,809 38,367	108,798 102,992	15.815.271	1 2.760.0394	Plastering and lathing. Roofing and sheet-metal work.	4	1, 100 14, 761	17, 681 71, 781 34, 135	535, 317 925, 757 1, 349, 309	490, 220 447, 054
Highway and grading Bridge and culvert	4	32,650	230, 162 169, 087 881, 780	18, 236, 059 2, 471, 037 2, 808, 882 10, 256, 229	516, 442 369, 742 2, 555, 955	Sheet-metal work Steel erection	6 7 5	3,064 19,700	37, 646 28, 162	1, 556, 291	206, 600 240, 454 176, 720
General contractors. Building Commercial building only. Residential building only. Highway and grading Bridge and culvert. Street paving Sewer, gas, water, conduit. Waterworks Dredging, river, harbor, etc. Railrond Central station, light and power plant.	5 8 13	312.267	444, 069 2, 349, 231 12, 855, 127 955, 014	5.546.472	2.081.188	Heating and pipe covering Plumbing and heating com- bined Masonry. Plastering and lathing Roofing and sheet-metal work. Roofing. Sheet-metal work Steel creation. Stone work. Marble and tiling. Excavating Ornamental iron. Highway and grading. Metal work, n. e. S. Other classes <sup>26</sup> .	4 14 5	74,073	137, 335 255, 544	716, 455	554, 018 1, 089, 004 249, 050
Railroad Central station, light and	7		1 A 1 A 4	Association and the	1	Ornamental iron Highway and grading	6 3 3	1,300 9,736	8, 233 60, 326 25, 153	1, 596, 069 856, 870 610, 088	243, 869 215, 168 118, 725
power plant	10		3, 575, 162	21, 415, 405 48, 630, 981 337, 112	5, 966, 483 15, 602, 992 48, 000	Other classes <sup>23</sup> Percentage of equipment	4		32, 129	610, 088 423, 950	118, 725 109, 495
Subcontractors Carpentering and woodfloor-	712	1, 694, 528			76, 546, 103	Percentage of equipment owned General contractors <sup>3</sup> Nono	65		1, 574, 615	22, 876, 580	5, 450, 803 117, 144
ing Concreting Electrical	30 41 102	125, 786	292, 274	4,571,812 16,925,772 26,836,873	$\begin{matrix} 1, 656, 135\\ 6, 393, 393\\ 11, 113, 953\\ 3, 420, 763\\ 15, 176, 739\\ 6, 831, 187\\ 7, 460, 800 \end{matrix}$	None	14 3 1	42, 687	168, 828 600	776.542	1, 166, 204 213, 569
Elevator construction Heating and plumbing	12 201 55	104, 011 216, 789	711, 939	14, 891, 550 58, 274, 366 94, 071, 203	3,420,763 15,176,739 6 831 187	51% to 75% 76% to 99%	5 10 29	152, 019 130, 726	405, 930 697, 237	2, 330, 144 4, 474, 682 7, 467, 593	1, 283, 806 1, 971, 152
Plumbing Plumbing Plumbing and heating com-	120	110, 109	1		the second second	Not reported	3 134	3, 099 211, 035	85, 069	637, 837 31. 082, 573	122, 402 8, 533, 042
bined Automatic sprinkler systems. Masonry	23 3 20	5, 187 73, 287	7,301	11, 493, 957	463, 721	None 1% to 25% 20% to 80%	17	550	18, 528	2, 421, 049 449, 783 87, 690	285, 644 123, 955 21, 523
Painting and decorating Glass and glazing	96 7 44	90, 995	150,927 125,400 232,633		4, 392, 129 260, 790 10, 916, 346	51% to 75%	4 7 98	39, 507 23, 097	79,025	524, 569	159, 348 641, 253
Roofing and sheet-metal work. Roofing	34	20, 388	84,609 35,212	1, 070, 122 18, 738, 391 5, 345, 957 3, 884, 215 1, 020, 677	10, 916, 346 1, 246, 643 797, 474 293, 174	Not reported	. 4	3, 628	18, 512	337, 680	59, 894
Roofing and sheet metal com- bined	14		21, 798	441,065		RICHMOND BOROUGH Classification of establish-	. 33	185, 088	1, 888, 369	6, 257, 114	1, 352, 282
Steel erection Stonework Marble and tiling	11 10 37	123,851 34,340 155,706	808,725 467,429	441, 065 13, 853, 218 2, 833, 718 8, 069, 280 1, 094, 370 8, 140, 998	2, 490, 700 1, 112, 569 2, 780, 416	ments General contractors	26	179, 982	1, 874, 744	5; 727, 352	1, 217, 396 171, 145
Wrecking Exception		79,457	96,746 607,879 122,918	1, 094, 370 8, 140, 998 2, 231, 180	737, 375 3, 166, 711 370, 301	Building Building not specialized Residential building only		2, 590 2, 350	16, 467	013-103	114, 475 56, 670 466, 366
Foundation Flooring, B. C. S.		325, 248 8, 630	21, 798 531, 262 308, 726 467, 429 96, 746 607, 879 122, 918 1, 104, 140 36, 122 9, 508	19, 498, 057 1, 562, 996 700, 207	5, 742, 925	Street paving Dredging, river, harbor, etc Other classes <sup>24</sup>		116,608	] 1, 210, 686	1, 672, 123	466, 366 395, <b>340</b> 184, 546
Subway (other than buildings). Gther classes <sup>20</sup> Carpentering and woodfloor- ing. Concreting. Electrical. Electrical. Electrical. Heating and plumbing. Plumbing and hating com- bined. Automatic sprinkler systems. Masonry. Painting and decorating. Glass and glazing. Plastering and lething. Roofing and sheet-metal work. Roofing and sheet metal com- bined. Sheet metal work. Roofing and sheet metal com- bined. Stonework. Marble and tiling. W recking. Cornamental iron. Foundation. Foundation. Forcentage of equipment owned	5	0,010	5 5,000	100, 201		Subcontractors 25		5, 100			
owned General contractors 3	438	7, 041, 572	24, 060, 318	507, 598, 989	93, 438, 775	Percentage of equipment owned General contractors	21	179, 982	1, 874, 744	5, 727, 352	1, 217, 396
General contractors 3 None	29	88,103 82,144	129,330	47, 140, 437 16, 109, 613	9 93, 438, 775 7 4, 019, 118 7 7, 681, 621 8 2, 504, 013 9 2, 508, 238 4 30, 707, 589 9 40, 550, 286 6 , 257, 910	Owned           General contractors		19,370	165, 373 20, 342 176, 728	58, 220 892, 359 906, 359	103 180
51% to 75% 76% to 99% 100%	20 71 170	3, 002, 04( 3, 732, 291	203, 937 15, 154, 073 8, 311, 625	14, 953, 965 152, 593, 45 165, 251, 500	2, 558, 238 30, 757, 589 40, 550, 286	78% to 99%	12	si 141,000	1, 512, 301	906, 359 765, 766 3, 079, 341 25, 307	288, 276 709, 047 3, 422
Not reported	. 19 712				7 76, 546, 103	Not reported Subcontractors None 100%	-			529, 762	134,886
Not reported. Subcontractors	76 14 15	34, 370	5,697,093 02;838 73,992 224,754 1,780,117 3,496,273 59,110	12,031,930 10,150,159 5,749,199	7 76, 546, 103 4, 982, 647 2 8, 673, 351 9 2, 877, 892 9 2, 197, 716 0 14, 225, 970 9 46, 566, 756 9 2, 021, 771	100%				·- ····	
20% to 50%	20	76, 32	224, 754 1, 780, 117	5,830,489	2, 197, 716 14, 225, 970 46, 566, 756	ROCHESTER Classification of establish-	124	508, 107	1, 872, 436	25, 637, 032	7,454,491
Not reported	504 32	2 40, 490	59,11	4, 556, 021	2, 021, 771	ments General contractors Building	1 2	19 77	1, 558, 411	17, 965, 363 13, 373, 516 13, 022, 889	5, 315, 856 3, 900, 054
QUEENS BOROUGH		606, 14	1 2, 807, 221	53, 959; 15	8 13, 988; 845	Building not specialized	- 2	54,32 4,45 88,61	) <u> </u>	13, 022, 889 350, 627 1, 171, 057 3, 014, 275	3, 813, 354 86, 700 298, 113 1, 011, 436
Classification of establish- ments			100.000	3, 813, 15	93, 851	Highway Street paving Other classes <sup>26</sup>	-  3	16,06	852,40 97,26	406, 515	106, 253
Operative builders	. 85	394,061	1, 504, 618	19,063,42	2 5. 356, 952	Subcontractors'	- 7	2,94	8,498 27,447	a an	95, 410
Building Building not specialized	36	37, 546 23, 969	5   140,079 72,251 16,306	3, 842, 660	4 1,056,832 6 730,698 8 159,342	Electrical Heating and plumbing Heating and piping		14,36	5 43.71	) 3, 032, 301 3 1, 366, 350	753, 200 312, 758 280, 769
Residential building only	· 11	10,242 68,284	5 283,942	1, 070, 74	0 166, 792 7 486, 269 6 451, 808	Plumbing and heating com- hined	-	3,61	3 28; 04:	505, 056	
Fighway Street paving Sewen, gasj water, conduit Subway (other than building)	4	103,850 126,914	204, 150 660, 708	7,462,92	436, 304 1 2, 814, 033	Masonry Painting, and decorating	- -	4 1,78 5 2,28 3 6,41	al 8,50	i 312.924	159, 763 153, 897 171, 408 281, 214
			47,000	100, 10	3 8, 533, 042	Riofing	-	3 6, 41 5 2, 77 3 3, 63 5 1, 80	46, 520	1. 857.740	84,272 196,942 104,081
Subcontractors. Carpentering and woodflooring [ Concreting. Electrical		9,770 8,497 13,520	5 1, 232; 610 0 64; 240 7 73; 688 0 33, 005	1,668,31 1,148,38 5,423,20	4 402, 950 3 484, 130 7 1, 891, 001	Marble, tiling, and plastering. Other classes 27		4 1,07 5 1,20	5 14, 343	392,854	104,010
Electrical	-, · · nblo		,							an end	e Al Al Al Britan

## TABLE 6.—VALUE OF CONSTRUCTION EQUIPMENT, IN COMPARISON WITH CONSTRUCTION BUSINESS AND WAGES PAID DURING 1929—Continued

	1			Cardinica		11	1	1			
	ents	EQUIP	MENT	Value of			ants	EQUIP	MENT		1
CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Invento- ry value at end of year	construc- tion busi- ness re- ported	Wages paid	CLASSIFICATION OF ESTABLISH- MENTS AND PERCENTAGE OF EQUIPMENT OWNED	Establishments reporting	Pur- chased during the year	Invento- ry value at end of year	Value of construc- tion busi- ness re- ported	Wages paid
ROCHESTER—Continued						UTICA.		Dollars	Dollars	Dollars	Dollars
Percentage of equipment owned					:	Classification of establish-	48	170, 108	654,843	8, 454, 436	2, 282, 784
Gaman 1 and the shows	50 1 4	Dollars 270, 006 31, 352 9, 259	3,000 28,662	449, 350	85, 275	ments General contractors Building Street paving and highway	21 16 5	123, 963 29, 866 94, 097	499, 229 101, 690 397, 589	5, 773, 301 2, 873, 022 2, 900, 279	1, 687, 490 789, 030 898, 466
1% to 25%         26% to 50%           26% to 50%         26% to 90%           51% to 90%         30%           100%         30%		50, 925 177, 100 1, 370	266, 552 1, 228, 924 8, 780	1, 108, 745 1, 964, 500 13, 616, 022 303, 395	570, 177 3, 924, 547 44, 088	Subcontractors Electrical Heating and plumbing Heating and piping Plumbing and heating com-	$27 \\ 3 \\ 10 \\ 4$	46, 145 1, 905 7, 172 6, 777	155, 614 15, 853 41, 417 28, 706	2, 681, 135 580, 116 1, 156, 470 816, 767	595, 238 93, 025 264, 80C 148, 519
Subcontractors None 70% to 90% 100% Not reported	0	38, 101 1, 156 35, 870 1, 075	314, 025 2, 656 306, 926 4, 443	7, 671, 669 246, 879 127, 908 7, 019, 368 277, 514	2, 138, 635 84, 742 31, 444 1, 961, 741 60, 700	Electrical. Heating and plumbing. Heating and plumbing. Plumbing and heating com- bined. Roofing. Steol erection <sup>3</sup> . Other classes <sup>32</sup> . Percentage of equipment owned	6 4 6	395 1,550 4,006 31,512	12,711 19,340 47,497 31,501	339, 703 226, 146 430, 704 287, 699	116, 281 38, 000 92, 968 105, 784
SYRACUSE	94	347, 562	1, 366, 512	16, 862, 055	4, 430, 264	General contractors	21	123, 963	499, 229	5, 773, 301	1, 687, 496
Classification of establish- ments				. dage		None 26% to 50% 70% to 99% 100%	1 1 2 17	200 1, 917 121, 846	300 9, 383 480, 546	35, 147 147, 000 203, 514 5, 387, 640	1, 087, 496 2, 922 62, 500 60, 883 1, 561, 191
General contractors Building Highway Street paving Sewer, gas, water, conduit Other classes <sup>28</sup>	35 17 6 4	320, 533 30, 501 70, 718 19, 848	1, 155, 828 108, 730 329, 680 183, 474 355, 840	10, 586, 482 5, 515, 631 1, 814, 041 1, 181, 875	1,372,666	Subcontractors 51% to 76% 100% ¥ONKERS	$27 \\ 2 \\ 25 \\ 25 \\ 25 \\ 25 \\ 25 \\ 25 \\ 2$	46, 145 17, 408 28, 737	155, 614 15, 250 140, 304	2, 681, 135 50, 756 2, 621, 379	595, 238 12, 010 583, 228
Sewer, gas, water, conduit Other classes 28	4	190, 406 9, 000	355, 840	1, 161, 662 1, 151, 662 923, 273	399, 207 172, 372	YONKERS Classification of establish-	59	169, 986	550, 688	8, 029, 410	2, 138, 546
Subcontractors Bectrical. Heating and plumbing Heating and plping Plumbing Plumbing and heating com-	59 4 28 8 17	27, 019 1, 843 5, 664 782 4, 464	210, 684 11, 594 60, 679 18, 305 38, 604	6, 275, 578 490, 705 2, 051, 843 359, 320 1, 242, 743	1, 601, 206 108, 622 409, 756 60, 831 246, 163	ments General contractors * Building Building not specialized * Residential building only Other classes	23 19 11 8 4	96, 578 26, 447 24, 897 1, 550 70, 131	303, 455 112, 552 103, 265 9, 287 190, 903	4, 320, 251 3, 255, 981 2, 621, 447 634, 534 1, 064, 270	1, 063, 626 722, 940 544, 981 177, 959 340, 686
Roofing and sheet-metal work. Roofing	6	418 4, 413 2, 597 1, 816 800	9,770 29,995 20,777 9,218 43,843	449, 780 1, 094, 130 771, 136 322, 094 685, 244	102, 762 324, 099 227, 591 96, 508 97, 288	Subcontractors Heating and plumbing Heating and plue covering Plumbing Painting, decorating, and glaz- ing Roofing and sheet-metal work Roofing	36 9 6 3	73, 408 8, 136 7, 776 360	247, 233 44, 692 40, 292 4, 400	3, 709, 159 1, 214, 318 1, 071, 894 142, 424	1, 074, 920 367, 418 316, 303 51, 115
Steel erection Marble, tiling, and plastering. Ornamental iron <sup>29</sup> Other classes <sup>39</sup>	5 3 7	5, 417 246 8, 636	28, 961 13, 509 16, 603	1, 076, 694 531, 739 336, 128	473, 109 102, 851 115, 481	ing Roofing and sheet-metal work Roofing Sheet-metal work Steel creection Stonework and concreting	384 440	108 3, 675 1, 075 2, 600 5, 275	8, 100 17, 861 12, 779 5, 082 19, 500 44, 590	138, 201 436, 197 246, 610 189, 587	51, 169 114, 787 63, 794 50, 993
owned				t de la composition de la comp		Stonework and concreting	33	13, 751 26, 900	44, 590	823, 189 641, 827 201, 500	32, 895 191, 166 57, 966
General contractors	35 1 6	5,772 50,315	1, 155, 828 30, 521 128, 365	10, 586, 482 173, 398 707, 975	2, 739, 058 40, 916 271, 890	Excavating Other classes <sup>34</sup> Percentage of equipment owned	7	15, 563	36, 490	753, 927	57, 906 259, 519
Not reported	27 1	263, 446 1, 000	993, 542 3, 400	9, 448, 509 256, 600	2, 359, 694 67, 058	General contractors <sup>3</sup>	23 1.	96, 578	303, 455	4, 320, 251 272, 000	$1,063,626\\88,477\\10,767$
Subcontractors None	59 2 2	27, 019 346	210, 684 891	6, 275, 573 151, 647 218, 124	1, 691, 206 11, 670 35, 816	None	$\begin{array}{c} 2\\ 4\\ 16\end{array}$	1, 200 39, 716 55, 662	2, 300 175, 023 126, 132	91, 292 1, 948, 726 2, 008, 233	337, 237 627, 145
500cm/rateors 51% to 75%	3 51 1	6, 847 19, 726 100	22, 650 186, 343 800	163, 256 5, 702, 682 39, 864	58, 050 1, 576, 033 9, 637	Subcontractors	36 1 31	73, 408 25, 000 3, 162 44, 940	247, 233 30, 000 48, 120 168, 213	8, 709, 159 111, 000 371, 850 3, 171, 309	1, 074, 920 20, 213 143, 334 893, 373
				- 4 A		Not reported	1	300	900	55,000	18,000

Includes air transport work; refuse disposal plant; and telephone line and system.
Includes bridge and culvert; sewer, gas, water, conduit; waterworks; and rental of equipment, trucking, etc.
Includes operative builders.
Includes pipe covering and automatic temperature control.
Includes flooring, n. e. s.
Includes bridge and culvert; dedging, river, harbor, etc.; and central station, light and power plant.
Includes flooring, n. e. s.
Includes bridge and culvert; dedging, river, harbor, etc.; railroad; and central station, light and power plant.
Includes for the static temperature control.
Includes bridge and culvert; dredging, river, harbor, etc.; railroad; and central station, light and power plant.
Includes ornamental iron.
Includes ornamental iron.

<sup>1</sup> Includes bridge and oulvert; dredging, river, harbor, etc.; railroad; and central station, light and power plant.
<sup>1</sup> Includes orgenated it comparative control.
<sup>11</sup> Includes automatic temperature control.
<sup>11</sup> Includes automatic temperature control.
<sup>12</sup> Includes automatic temperature control.
<sup>13</sup> Includes subway; and central station, light, and power plant.
<sup>14</sup> Includes subway; and central station, light, and power plant.
<sup>15</sup> Includes subway; and central station, light, and power plant.
<sup>16</sup> Includes subway; other than building); and bridge and culvert.
<sup>17</sup> Includes foundation; wetching; glass and glazing.
<sup>18</sup> Includes daw and reservoir; foundation; and refuse disposal plant.
<sup>19</sup> Includes dram and reservoir; waterworks; and soundproofing.
<sup>11</sup> Includes waterworks; metal work, n. e. s.; and soundproofing.
<sup>11</sup> Includes subway (other than building); and bridge and culvert.
<sup>18</sup> Includes foundation; wetching; glass and glazing.
<sup>19</sup> Includes dam and reservoir; foundation; and refuse disposal plant.
<sup>11</sup> Includes dram and reservoir; waterworks; and refuse disposal plant.
<sup>12</sup> Includes dam and reservoir; waterworks; and reluse-disposal plant.
<sup>14</sup> Includes dam and reservoir; waterworks; and flazing; and flooring, n. e. s.
<sup>15</sup> Includes dam and reservoir; and sew, reg. water, conduit.
<sup>16</sup> Includes bridge and culvert; and sew, reg. water, conduit.
<sup>17</sup> Includes bridge and culvert; and sew, reg. mater, so and haver, set and flooring, n. e. s.
<sup>18</sup> Includes devator construction; glass and glazing; and flooring, n. e. s.
<sup>19</sup> Includes devator construction; and centeril; and flooring; n. e. s.
<sup>10</sup> Includes devator construction; and convert; and daw and reservoir.
<sup>11</sup> Includes elevator construction and cramental iron.
<sup>12</sup> Includes elevator construction and cramental ir

## TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929

	Estab- lish-	N	UMBER	EMPLOYI	ED ON 1	атн рач	OF THE	MONTH	OR NEAR	EST REP	RESENT	ATIVE DA	.Y	
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	Wages paid during year
NEW YORK	3, 855	96, 671	95, 885	105, 027	120, 257	130, 389	140, 062	148, 676	151, 090	150, 780	146, 336	134, 212	144, 650	\$288, 182, 125
Classification of establishments														
Operative builders	57	388	410	436	575	616	672	641	640	609	606	486	433	1, 241, 591
General contractorsBuilding	1,554	54, 410 32, 041	53,714 31,675	59, 791 35, 083	71,708	81,424 41,892	88, 151 43, 929	94, 564	97, 184 47, 866	95, 946 47, 072	92, 969 45, 989	84,696 43,568	69, 543 37, 371	162, 769, 161 90, 447, 608
Building not specialized	773 96	$   \begin{array}{c}     28,531 \\     1,086   \end{array} $	28,120 1,127	30, 744 1, 257	$34,314 \\ 1,642$	86, 231 1, 868 240	37, 815 1, 779 220	40,263	41,811 1,927 173	41, 423 1, 645	40,422	38, 180 1, 735	32,766	78, 452, 289 3, 876, 583 301, 569
Manufacturing building only Residential building only	6 257	$\begin{smallmatrix}&147\\2,277\end{smallmatrix}$	$115 \\ 2,313$	200 2,882	220 3,270	3, 553	4,115	4,179	3.955	$162 \\ 3,842$	163 3,634	3,514	2,916	7,817,067
General contractors Building Building not specialized Commercial building only Residential building only Highway Bridge and culvert Grading Street paving Street paving Waterworks Waterworks	$   \begin{array}{c}     132 \\     24 \\     01   \end{array} $	1, 577 843	1, 349 834	1, 626 966	3, 861 1, 145	7, 279 1, 818	10, 210 2, 262	11,948	12, 202 2, 635	11,620 2,075	9, 870 2, 219	6,478 2,095	3,024	10,940,507 3,604,553
Street paving	94	274 1, 604 1, 784	255 1,461	312 1,859	488	5.737	591 7, 180	618	620 8,241	571 8,344	7,377	577	365	890, 685 10, 189, 364
Dam and reservoir	6 20	245	1,875 241 2,060	2, 367 230 2, 561	3,631 363 2,674	3, 857 413 3, 097	4, 051 460 3, 235	4,643 551 3,395	4,451 592 3,455	4, 932 551 3, 451	4,956 534 3,479	4,864 414 3,462	4, 325 267 3, 400	5, 439, 341 805, 481 6, 393, 674
Dredging, river, narbor, etc	28	2,120	2,069 1,927 433	2,316	2,940	3,075	3, 343	3,564	3,331	3, 264 702	3, 535	3, 187 626	3,411 643	5, 382, 000
Foundation Central station, light and power plant Refuse disposal plant Subway (other than buildings) Other classes <sup>1</sup>	4	91 3, 241	92 2,942	33	59 2,863	101 3,091	92 2, 693	81 2, 879	62 2,811	32 2, 801	38 2, 840	76 2,856	2,840	171, 145 6, 549, 179
Refuse disposal plant Subway (other than buildings)	3 22	7,407	35 8, 384	36 8, 704	45 9,187	35 9, 421 332	23 9,004	9,472	13 9, 936 304	21 10, 127 383	89 10, 502 329	10, 304	9,358	60, 282 20, 031, 447
		130	142	193	279		310	291				279	173	474, 658
Subcontractors Carpentering and wood flooring Concreting	2,244 88 71	41, 873 994 2, 513	41, 761 1, 078 2, 819	44,800	47,974 1,707 3,168	48, 349	51, 239 1, 594 3, 410	53,471	53,266	54, 205 1, 717	52,761 1,580 3,805	49,030 1,336 3,798	$\begin{array}{r} 44,674 \\ 1,238 \\ 3,371 \end{array}$	124, 171, 373 3, 869, 245
Electrical	233	$\begin{array}{c} 2,515\\ 4,692\\ 1,521 \end{array}$	4,669	3, 275 4, 711 1, 554	5, 583 1, 540	3, 268 5, 451 1, 508	5, 521 1, 582	3, 474 5, 878 1, 663	3, 215 5, 866 1, 852	3, 370 5, 870 1, 931	8,805 8,027 1,910	5,806 1,797	5, 287 1, 715	7, 654, 724 15, 928, 043 4, 974, 658
Heating and plumbing Heating and piping	23 826 193	$12,040 \\ 3,617$	11, 883 3, 602 224	12,293	12,827 3,732	12.861	12,680	12.819	13, 199	13,435	13, 356 4, 205	12, 523 3, 930	11,679	29,694,495
Heating and plumbing Heating and plumbing Pipe covering Plumbing. Plumbing and heating combined	10 434	$     \begin{array}{c}       225 \\       6.436     \end{array} $	224 6, 368	3,672 246 6,666	7,009	3, 497 267 7, 266	3, 375 267 7, 190	3, 565 290 7, 039	3, 713 257 7, 221	4,012 269 7,058	286	296 6,300	3, 676 299 5, 805	745, 704 15, 477, 426 3, 365, 416 217, 842
Plumbing and heating combined Automatic temperature control Automatic sprinkler system	180 3	1, 512 82	1,444 82	1, 428 83	1, 489 81	1,550	1, 601 68	1,661	1,713 85	1,759 99	6, 739 1, 797 95	1,709	1,619	3, 365, 416 217, 842
Automatic sprinkler system	6 83	168	163 2, 244	198 2, 820	210 2, 815	209 2, 969	179 2,805	194 2,182	210 2, 021 3, 585	238 2, 368	234 2,025	198 2,044	198 1,679	559, 879 6, 524, 783 7, 835, 805
Glass and glazing	185 22 77	1,876 135 2,556	1,882 147 2,823	2, 109 140 3, 489	2, 633 146 4, 381	2, 505 2, 724 140 4, 220	2,736 149 5,152	3,050 177 5,766	3, 585 188 5, 234	3,940 168	3, 848 172 3, 427	3,039	2,483 132 2,471	472,582
Automatic sprinkler system Masonry Painting and decorating Glass and glazing. Plastering and lathing. Roofing and sheet-metal work Roofing the state work	207 89	2, 330	2, 825 2, 009 764	2, 188 883	2, 596 1, 141	4, 220 2, 939 1, 394	2,983 1,376	2,990 1,358	5, 234 3, 041 1, 422	4, 354 8, 095 1, 442	3, 427	2,878 3,067 1,406	2, 471 2, 648 1, 163 901	$\begin{array}{c} 11,693,263\\ 5,666,774\\ 2,373,348\end{array}$
Sheet-metal work Roofing and sheet metal combined Steel erection	66 52	786 670	770	786	820	886	924 683	1,013	902 627	973	902	975	1 SQ1	2,000,698 1,292,728 4,004,818
Steel erectionStonework	61 30	1,696	1, 768 645	$1,657 \\ 714$	1, 521 736	1,723 764	1, 932 804	2, 111 792	2,046	2, 153 785	2, 196 754	2, 041 724	1, 739 645	1. 1. 993, 881
Stonework Marble and tiling Wreeking Excavating Ornamental iron	146 9	2, 809 89	2,653 88	3,005 127	3, 194 107	3, 154 259	3, 361 208	3, 513 238	3, 508 268	4, 025 292	3,480 183	3, 034 200	2,823 110	8, 983, 186 485, 415 4, 496, 909
Scavating Ornamental iron	44 80	1, 697 880	1,526	1,636	1, 589 912	1,506	1, 614 751	1,964 871	1, 987 923	2, 039 893	2, 219 921	2,076	2, 335 868	4, 496, 909 2, 195, 677 844, 567
Highway Grading Soundproofing		157 17 28	109 22 44	142 24 46	139 24 61	168 34 62	199 31 60	244 27 65	252 24 57	237 34 41	248 33	260 28	171 15	49,236
Foundation	1 11 1	2,909	2, 458 121	2,095 122	1,774	1,780 126	3,076 162	3, 215 152	2,750 139	2,790 136	2, 553 173	54 2,674 170	57 2,642 156	166, 280 5, 890, 838 326, 653
Metal work, n. e. s. Flooring, n. e. s. Other classes <sup>2</sup>	18 5	278 50	233	252 75	316 82	312 79	349 80	407 95	439 147	415 117	375 115	331	332 78	760,024 159,517
Length of working week					*									
General contractors <sup>3</sup> 40-hour, 5-day week	1, 611 570	54,798 23,055	54, 124 22, 503	60, 227 24, 596	72, 283 27, 283	82, 040 28, 705	88, 823 29, 359	95, 205 30, 687	97, 824 30, 710	96, 555 29, 976	93, 575	85, 182 27, 096	69, 976 23, 009	164, 010, 752 66, 393, 739
45-hour, 5-day week		6 24	10	14 20	21 22	16	14 24	12	26 26	21 26	19 23	19 20	10 20	43.572
All other 5-day week 44-hour, 5½-day week	6 493	100 11, 513	$107 \\ 11,240$	110 12,150 302	105 14, 083	184 15,128	$152 \\ 15,976$	234 17, 253 440	129	96 18, 212	76 18,091	108 17, 747	$72 \\ 15,927$	88, 306 272, 313 29, 213, 135 517, 200
All other 5-day week. 44-hour, 55/-day week. 491/2-hour, 51/2-day week. 55-hour, 51/2-day week. All other 51/2-day week. 48-hour, 6-day week. 64-hour, 6-day week. 60-hour, 6-day week. All other 6-day week. All other 6-day week. All other d-day week. All other d-day week. All other d-day week.	9 3 37	220 57 844	235 42	( 44	45	376	372	E 88	80	325 80	368	327	302 66	, 114,173
48-hour, 6-day week	207 114	11,897 2,441	$     \begin{array}{r}       879 \\       12,200 \\       2,261 \\       251     \end{array} $	951 13,820 2,001	1,246 16,600 4,938	1,367 18,896	$1,572 \\ 19,773 \\ 7,024$	1,719 20,647 7,997	1,827 21,641 7,757	1,853 22,129 8,340	1,680 21,013	1, 804 19, 578 7, 385	1,575 16,430	2, 454, 614 36, 072, 562 9, 517, 981 10, 517, 117
60-hour, 6-day week	89	1,846 1,042	1, 783 995	2,025	3, 827 1, 397	6,069 6,621 1,809	9, 693	10, 681	11.069	10,490	8, 277 9, 512 2, 258	6, 612	5,338 4,042 1,609	10, 517, 117 2, 949, 542
		1,073 680	1, 096 753	13, 820 2, 901 2, 025 1, 149 908 1, 177	1, 051 1, 346	1, 195 1, 597	2, 191 1, 258 1, 940	10, 681 2, 440 1, 288 1, 716	2, 305 1, 289 2, 186	10, 400 2, 281 1, 219 1, 507	1,032	799	662 914	2, 354, 468 3, 502, 030
Subcontractors	2, 244 1, 058	41,873	41, 761	44,800	47,974	48, 349 30, 695	51, 239 31, 943	53. 471	53, 266 33, 853	54, 205	52, 761	49, 030	44, 674	124, 171, 373
40-nour, 5-day week	1,058 8 2	25, 388 52 25	26,067 36	28, 965 61	31, 436 66 8	30,695 62 25	31, 943 56 20	33, 671 71 27	33,853 80 20	33, 964 82	32, 505 86 22	80, 096 65 26	28,041	84, 622, 897 252, 306
All other 5-day week	28 812	338 12,363	339 11,909	369	397	391	427	502	524	23 501 14, 088	486	$     \begin{array}{r}       26 \\       441 \\       13,604     \end{array} $	25 405 12, 198	50, 265 1, 173, 134 29, 147, 285 374, 364
4914-hour, 514-day week	14	201 9	11,909 195 8	11, 584 198 12	11, 679 232 43	12, 283 238 49	$12, \overline{600}$ 235 41	13, 399 246 40	13, 391 238 51	14, 088 244 41	14,230 232 35	215	12, 195 223 25	64,627
All other 51/2-day week 48-hour, 6-day week	68 131	736 998	645 995	622 1,078 345	677 1, 299 400	712 1,493 535	708 1, 674	694 1, 636 573	708	690 1,748 582	713 1,820 527	711	564 1,337	1,475,640 2,802,682
54-hour, 6-day week	82 15	234 457	$   \begin{array}{r}     247 \\     445 \\     465   \end{array} $	549	663	736	$548 \\ 843$	967	1, 698 563 985	1,028	986	1,504 402 863	817 574	667,996
Ail other 6-day week. All other not designated	35 15	624 164	495 132	641 117	642 112	597 129	1, 595	1, 130 170	635 198	674 190	577 192	485 179	430 133	1,701,930 361,363
in of reported		284		252	320	404	800	345	324	350	350	352	342	727, 665

#### TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

CLASSIFICATION OF ESTABLISHMENTS AND	Estab- lish-	N	UMBER I	EMPLOYE	D ON 15	TH DAY	OF THE 1	AONTH O	R NEAR	EST REPR	ESENTA	TIVE DAY		Wages paid
LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	during year
ALBANY	67	923	895	988	1, 249	1, 986	2, 309	2, 562	2, 654	2, 789	2, 815	2, 345	1, 995	\$3, 822, 495
Classification of establishments General contractors. Building not specialized Commercial building only. Residential building only. Highway. Street paving Other classes 4	33 19 13 3 3 3 6	585 309 286 77 36 42	530 384 277 71 36 30	$612 \\ 424 \\ 289 \\ 91 \\ 44 \\ 34 \\ 34 \\ 54$	803 493 369 74 50 83 93	$1, 433 \\ 603 \\ 478 \\ 73 \\ 52 \\ 248 \\ 190 \\ 392$	1, 671 617 500 62 55 361 217	1, 960 652 537 53 62 391 281	2, 073 675 544 76 55 393 294	2, 179 791 657 78 56 355 344	2, 204 864 722 98 44 816 872	$1,806 \\753 \\578 \\140 \\35 \\233 \\280$	1,518 651 525 96 30 141 198	$\begin{array}{c} \textbf{2, 637, 285} \\ \textbf{1, 195, 098} \\ \textbf{963, 286} \\ \textbf{141, 134} \\ \textbf{90, 678} \\ \textbf{318, 352} \\ \textbf{369, 333} \end{array}$
Subcontractors. Electrical Heating and plumbing Heating and piping & Plumbing Painting and decorating & Marble and tiling Roofing and sheet-metal work. Other classes 7	34 3 15 6 9 6 3	144 338 45 116 51 65 72 51 28 26	116 365 36 115 50 92 60 32 30	$     154 \\     376 \\     36 \\     111 \\     49 \\     62 \\     94 \\     77 \\     26 \\     32     \end{array} $	184 446 28 116 51 126 69 40 67	553 28 153 75 78 114 72 53 133	476 638 27 158 76 82 116 72 52 213	630 602 23 152 76 103 67 53 204	$\begin{array}{c c} 711\\ 581\\ 27\\ 151\\ 77\\ 74\\ 100\\ 60\\ 46\\ 197\end{array}$	689 610 28 187 97 90 88 88 76 68 163	052 011 28 187 101 80 86 79 73 158	540 539 28 180 106 74 80 78 64 109	628 477 27 163 88 75 71 110 57 49	754, 502 1, 185, 210 59, 453 352, 100 178, 016 174, 084 223, 977 244, 010 106, 173 199, 497
Length of working week* General contractors	3	$585 \\ 6 \\ 490 \\ 7 \\ 42 \\ 40 \\ 338 \\ 62 \\ 247 \\ 3 \\ 12 \\ 14 \\ 14$	530 4 454 7 30 35 365 62 270 3 17 13	$\begin{array}{c} 612\\ 5\\ 508\\ 15\\ 34\\ 50\\ 376\\ 81\\ 260\\ 3\\ 14\\ 18\\ \end{array}$	803 587 50 73 93 446 84 202 3 30 22 15	1, 433 725 93 142 473 553 113 304 3 44 49 40	1, 671 $754$ $109$ $157$ $651$ $038$ $106$ $316$ $3$ $86$ $07$ $60$	$\begin{array}{c} 1,960\\ 8\\ 852\\ 118\\ 211\\ 771\\ 602\\ 96\\ 206\\ 6\\ 52\\ 92\\ 60\\ \end{array}$	$\begin{array}{c} 2,073\\12\\048\\120\\214\\773\\581\\96\\282\\6\\65\\72\\60\end{array}$	$\begin{array}{c} 2,179\\ 11\\ 1,103\\ 130\\ 254\\ 675\\ 610\\ 114\\ 319\\ 14\\ 50\\ 53\\ 60\\ \end{array}$	$\begin{array}{c} 2,204\\ 14\\ 1,104\\ 108\\ 312\\ 006\\ 611\\ 101\\ 336\\ 16\\ 63\\ 55\\ 40\\ \end{array}$	$\begin{array}{c} 1,806\\ 10\\ 1,023\\ 65\\ 220\\ 488\\ 539\\ 98\\ 320\\ 12\\ 50\\ 80\\ 20\\ \end{array}$	$1,518 \\ 15 \\ 955 \\ 54 \\ 148 \\ 340 \\ 477 \\ 100 \\ 325 \\ 3 \\ 14 \\ 15 \\ 20 \\ 15 \\ 20 \\ 15 \\ 20 \\ 16 \\ 15 \\ 20 \\ 16 \\ 16 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 1$	$\begin{array}{c} 2, 637, 285\\ 12, 958\\ 1, 483, 361\\ 168, 085\\ 262, 102\\ 710, 779\\ 1, 185, 210\\ 288, 545\\ 674, 921\\ 222, 247\\ 59, 333\\ 72, 012\\ 68, 152\\ \end{array}$
BUFFALO	229	5,011	4, 876	5, 596	6, 986	7, 870	8, 862	10, 056	10, 354	10, 562	9, 850	8, 490	7, 041	13, 968, 966
Classification of establishments General contractors		$\begin{array}{c} 2,415\\ 1,800\\ 1,845\\ 54\\ 35\\ 58\\ 132\\ 201\\ 2,596\\ 50\\ 0\\ 245\\ 56\\ 50\\ 0\\ 245\\ 581\\ 283\\ 35\\ 40\\ 77\\ 77\\ 157\\ 157\\ 155\\ 88\\ 91\\ 700\\ 191\\ 505\\ 155\\ 88\\ 33\\ 44\\ 99\end{array}$	$\begin{array}{c} 2,309\\ 1,913\\ 1,913\\ 1,842\\ 39\\ 61\\ 63\\ 323\\ 2,477\\ 52\\ 8\\ 273\\ 173\\ 588\\ 281\\ 277\\ 30\\ 40\\ 75\\ 168\\ 280\\ 82\\ 272\\ 126\\ 490\\ 139\\ 82\\ 29\\ 27\\ 139\\ 82\\ 29\\ 27\\ 53\\ \end{array}$	$\begin{array}{c} 2,930\\ 2,230\\ 2,108\\ 102\\ 44\\ 01\\ 117\\ 457\\ 57\\ 67\\ 16\\ 250\\ 250\\ 183\\ 618\\ 2907\\ 299\\ 46\\ 297\\ 299\\ 46\\ 183\\ 306\\ 114\\ 149\\ 124\\ 300\\ 149\\ 124\\ 30\\ 41\\ 59\end{array}$	$\begin{array}{c} \textbf{3,823}\\ \textbf{2,402}\\ \textbf{2,200}\\ \textbf{2,200}\\ \textbf{205}\\ \textbf{205}\\ \textbf{664}\\ \textbf{3,163}\\ \textbf{664}\\ \textbf{3,163}\\ \textbf{43}\\ \textbf{405}\\ \textbf{159}\\ \textbf{674}\\ \textbf{405}\\ \textbf{169}\\ \textbf{674}\\ \textbf{348}\\ \textbf{348}\\ \textbf{348}\\ \textbf{348}\\ \textbf{348}\\ \textbf{356}\\ \textbf{211}\\ \textbf{403}\\ \textbf{163}\\ \textbf{163}\\ \textbf{168}\\ \textbf{148}\\ \textbf{626}\\ \textbf{626}\\ \textbf{628}\\ \textbf{148}\\ \textbf{626}\\ \textbf{628}\\ 62$	$\begin{array}{c} 4, 541\\ 2, 473\\ 2, 473\\ 108\\ 715\\ 412\\ 307\\ 634\\ 3, 320\\ 73\\ 55\\ 381\\ 186\\ 654\\ 240\\ 240\\ 240\\ 241\\ 221\\ 221\\ 221\\ 221\\ 221\\ 21\\ 385\\ 55\\ 50\\ 190\\ 120\\ 120\\ 120\\ 120\\ 120\\ 221\\ 2417\\ 101\\ 132\\ 630\\ 150\\ 150\\ 150\\ 150\\ 150\\ 122\\ 221\\ 221\\ 242\\ 221\\ 242\\ 221\\ 242\\ 221\\ 242\\ 221\\ 242\\ 221\\ 242\\ 221\\ 242\\ 242$	$\begin{array}{c} 5, 322\\ 2, 987\\ 2, 870\\ 2, 870\\ 2, 870\\ 117\\ 841\\ 456\\ 390\\ 648\\ 3, 540\\ 111\\ 62\\ 414\\ 218\\ 652\\ 226\\ 355\\ 355\\ 155\\ 228\\ 422\\ 104\\ 133\\ 708\\ 104\\ 130\\ 28\\ 40\\ 126\\ \end{array}$	6, 249 3, 603 3, 403 111 1, 149 411 1, 149 401 3, 807 1807 1908 710 208 710 208 710 209 710 307 371 32 71 160 218 445 104 132 119 729 729 737 132 173 173 174 174 174 175 175 175 175 175 175 175 175	$\begin{array}{c} 6,847\\ 4,055\\ 3,040\\ 115\\ 1,187\\ 410\\ 755\\ 410\\ 755\\ 410\\ 3,507\\ 148\\ 58\\ 58\\ 58\\ 365\\ 167\\ 685\\ 269\\ 269\\ 269\\ 167\\ 144\\ 223\\ 105\\ 114\\ 128\\ 670\\ 131\\ 193\\ 33\\ 39\\ 152 \end{array}$	$\begin{array}{c} 0, 895\\ 3, 808\\ 3, 095\\ 113\\ 1, 040\\ 500\\ 1, 036\\ 500\\ 3, 667\\ 208\\ 54\\ 372\\ 178\\ 701\\ 200\\ 397\\ 44\\ 137\\ 164\\ 133\\ 178\\ 91\\ 144\\ 763\\ 150\\ 236\\ 833\\ 34\\ 170\\ \end{array}$	$\begin{array}{c} 6, 155\\ 3, 476\\ 3, 353\\ 123\\ 609\\ 473\\ 968\\ 539\\ 3, 695\\ 196\\ 54\\ 322\\ 180\\ 790\\ 315\\ 315\\ 315\\ 436\\ 40\\ 399\\ 119\\ 190\\ 190\\ 190\\ 190\\ 190\\ 87\\ 157\\ 794\\ 141\\ 166\\ 35\\ 200\\ \end{array}$	5, 249 3, 187 3, 097 265 960 458 3, 241 155 411 2260 657 2359 333 31 877 155 308 161 033 144 760 120 1143 141 451 120 144 311 451 120 144 31 145 141 144 145 144 145 141 144 145 141 145 141 144 141 144 141 145 141 145 141 145 141 145 141 145 144 141 144 145 141 145 141 144 145 141 145 141 144 145 141 145 141 144 145 145 145 145 144 145 145 145 145 144 145 145 144 145 145 145 145 145 144 145 1	$\begin{array}{c} 4,298\\ 2,892\\ 2,892\\ 2,814\\ 8,599\\ 716\\ 446\\ 2,743\\ 148\\ 4\\ 253\\ 190\\ 587\\ 247\\ 303\\ 303\\ 303\\ 303\\ 82\\ 160\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 82\\ 102\\ 102\\ 102\\ 82\\ 82\\ 102\\ 102\\ 102\\ 82\\ 82\\ 102\\ 102\\ 102\\ 82\\ 82\\ 102\\ 102\\ 102\\ 82\\ 82\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 10$	
Other classes 10         Length of working week *         d0-hour, 5 day week         44-hour, 5 day week         49/2-hour, 5/2-day week         40-hour, 5/2-day week         41 other 5/2-day week         42-hour, 6-day week         43-hour, 6-day week         54-hour, 6-day week         All other 6-day week         All other 6-day week         Subcontractors.         40-hour, 5/2-day week         44-hour, 6-day week         44-hour, 5/2-day week         All other 6/2-day week         44-hour, 5/2-day week         48-hour, 6-day week         49/2-hour, 5/2-day week         40-hour, 5/2-day week         41 other 5/2-day week         48-hour, 6-day week         48-hour, 6-day week         54-hour, 6-day week         54-hour, 6-day week         All other 6-day week	$\begin{array}{c} 4\\ 77\\ 1\\ 36\\ 1\\ 1\\ 12\\ 11\\ 10\\ 4\\ 1\\ 152\\ 9\\ 9\\ 0\\ 1\\ 4\\ 9\\ 152\\ 9\\ 9\\ 0\\ 1\\ 4\\ 9\\ 10\\ 4\\ 4\\ 1\\ 1\end{array}$	2, 415 5, 373 60 266 85 210 266 155 1, 277 187 179 106 450 71 36	2, 390 4 1, 402 19 30 2, 423 195 39 214 73 2, 477 189 1, 286 128 119 149 89 435 53 31	$\begin{array}{c} 2, 939\\ 8\\ 1, 544\\ 15\\ 566\\ 290\\ 44\\ 2189\\ 128\\ 128\\ 128\\ 126\\ 99\\ 16\\ 99\\ 10\\ 149\\ 5^{1}6\\ 48\\ 30\\ \end{array}$	$\begin{array}{c} 3, 823\\ 3, 823\\ 7\\ 1, 689\\ 75\\ 30\\ 1, 015\\ 422\\ 214\\ 205\\ 166\\ 3, 163\\ 236\\ 1, 607\\ 137\\ 117\\ 194\\ 181\\ 604\\ 181\\ 604\\ 41\\ \end{array}$	129 4, 541 1, 735 90 40 1, 079 518 880 291 93 3, 329 261 1, 607 142 123 244 225 617 66 44	$\begin{array}{c} 123\\ 5,322\\ 0,098\\ 60\\ 50\\ 1,196\\ 647\\ 801\\ 327\\ 134\\ 3,540\\ 312\\ 1,676\\ 139\\ 116\\ 309\\ 194\\ 682\\ 59\\ 53\\ 59\\ 53\\ \end{array}$	6, 249 7 2, 558 117 50 942 900 1, 116 383 176 3, 807 366 1, 848 140 100 334 179 711 66 63	152           6, 847           3, 091           85           941           945           1, 149           409           150           3, 507           358           143           183           203           207           085           62           52	6, 895 2, 938 30 100 925 1, 318 1, 055 4, 200 104 3, 667 370 1, 611 143 113 293 251 779 55 52	6, 155 2 2, 721 51 273 124 3, 695 378 1, 701 148 120 274 48 120 274 48 120 274 48 120 274 48 120 274 48	5, 249 2, 005 5 80 5, 249 5, 241 3, 241 3, 241 1, 379 110 229 141 758 49 49	4, 298 -2, 393 53 100 920 185 232 75 2, 743 295 1, 300 154 79 199 118 516 43 39	8, 273, 321 9,000 3, 738, 680 82, 469 80,000 1, 143, 524 4, 073, 732 1, 038, 159 846, 917 260, 840 5, 695, 645 922, 959 3, 313, 115 210, 454 199, 046 454, 243 197, 360 570, 978 104, 838 22, 652

,

## TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

	Estab- lish-	N	UMBER 1	EMPLOYE	D ON 15	TH DAY (	OF THE I	молтн С	R NEAR	EST REPI	RESENTA	TIVE DAY	t	
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	Wages paid during year
NEW YORK CITY	2,005	70, 019	69, 497	76, 602	88, 712	86, 624	90, 258	93, 893	94, 364	94, 360	92, 558	87, 797	78, 993	\$208, 451, 459
Classification of establishments		· · · · ·										1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,	
Operative builders	36	251	276	283	348	376	413	404	. 407	406	401	314	305	829, 177
General contractors. Building Building not specialized. Commercial building only. Manufacturing building only. Residential building only. Highway. Bridge and culvert. Grading. Street paying. Sewer, gas, water, conduit. Waterworks. Dredging, river, harbor, etc. Ralfroad. Central station, light and power plant. Refuse disposal plant. Subway (other than buildings). Other classes "	623 476 312 80 81 6 6 6 3 81 16 12 19 9 9 9 10 3 2 2 5	$\begin{array}{c} 37, 928\\ 10, 318\\ 17, 602\\ 858\\ 865\\ 140\\ 613\\ 11\\ 1, 087\\ 1, 313\\ 2, 398\\ 1, 891\\ 450\\ 8, 132\\ 41\\ 7, 407\\ 121\\ \end{array}$	$\begin{array}{c} 37,413\\ 18,922\\ 17,080\\ 901\\ 700\\ 871\\ 65\\ 627\\ 11\\ 982\\ 1,460\\ 1,904\\ 1,904\\ 433\\ 2,803\\ 35\\ 8,384\\ 115 \end{array}$	$\begin{array}{c} 41, 689\\ 21, 817\\ 18, 965\\ 1, 025\\ 1, 172\\ 108\\ 741\\ 11\\ 1, 224\\ 1, 801\\ 2, 387\\ 1, 938\\ 503\\ 2, 842\\ 36\\ 8, 704\\ 77\end{array}$	46, 760 23, 358 20, 614 1, 162 1, 180 22 2, 205 2, 205 2, 207 2, 430 2, 332 641 2, 683 45 9, 187 108	49, 971 24, 247 21, 285 1, 581 1, 581 1, 187 1, 184 3245 1, 275 2, 807 2, 815 2, 854 2, 854 2, 854 2, 854 2, 851 35 9, 421	$\begin{array}{c} 50,995\\ 25,040\\ 21,829\\ 1,514\\ 1,544\\ 404\\ 1,564\\ 44\\ 3,154\\ 2,690\\ 2,975\\ 2,765\\ 754\\ 2,764\\ 2,461\\ 29,004\\ 87\end{array}$	$\begin{array}{c} 52, 945\\ 25, 801\\ 22, 500\\ 1, 647\\ 826\\ 1, 622\\ 1, 392\\ 7, 3062\\ 2, 884\\ 3, 105\\ 3, 1062\\ 2, 884\\ 3, 115\\ 3, 144\\ 8, 146\\ 9, 1574\\ 9, 472\\ 92\end{array}$	53, 526 22, 952 22, 920 1, 617 1, 813 1, 311 766 1, 843 2, 405 3, 190 2, 405 3, 190 2, 405 3, 029 649 2, 448 1, 39, 936 78	52, 886 22, 540 22, 746 1, 348 888 1, 348 8, 265 2, 535 3, 202 2, 984 072 2, 352 2, 352 2, 352 21 10, 127 10, 127	$\begin{array}{c} 52, 891\\ 24, 957\\ 22, 214\\ 1, 500\\ 46\\ 2, 924\\ 2, 658\\ 3, 251\\ 3, 159\\ 672\\ 2, 467\\ 3, 159\\ 072\\ 2, 467\\ 3, 159\\ 10, 502\\ 138\end{array}$	$\begin{array}{c} 50,820\\ 23,526\\ 20,870\\ 1,46\\ 71\\ 1,139\\ 570\\ 2,882\\ 2,629\\ 3,221\\ 2,954\\ 2,959\\ 2,442\\ 2,954\\ 10,364\\ 112\\ \end{array}$	$\begin{array}{c} 44,802\\ 20,306\\ 17,904\\ 1,301\\ 328\\ 723\\ 808\\ 328\\ 723\\ 80\\ 1,980\\ 2,482\\ 3,218\\ 3,218\\ 3,218\\ 3,218\\ 3,222\\ 427\\ 2,427\\ 2,427\\ 2,427\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15\\ 15$	$\begin{array}{c} 107,\ 307,\ 203\\ 56,\ 391,\ 548\\ 49,\ 803,\ 206\\ 8,\ 37,\ 946\\ 200,\ 048\\ 8,\ 011,\ 450\\ 809,\ 101\\ 2,\ 741,\ 860\\ 5,\ 534,\ 006\\ 3,\ 019,\ 524\\ 6,\ 016,\ 912\\ 4,\ 985,\ 974\\ 1,\ 375,\ 210\\ 6,\ 034,\ 376\\ 60,\ 282\\ 20,\ 031,\ 447\\ 253,\ 243\\ \end{array}$
Subcontractors	$1,348 \\ 67 \\ 54 \\ 133 \\ 100 \\ 5252 \\ 53 \\ 33 \\ 5252 \\ 130 \\ 155 \\ 61 \\ 98 \\ 337 \\ 37 \\ 388 \\ 366 \\ 205 \\ 105 \\ 77 \\ 24 \\ 72 \\ 3 \\ 30 \\ 10 \\ 5 \\ 5 \\ 105 \\ 5 \\ 5 \\ 5 \\ 105 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\$		$\begin{array}{c} \textbf{31, 808} \\ \textbf{30, 604} \\ \textbf{30, 605} \\ \textbf{31, 296} \\ \textbf{326} \\ 326$	$\begin{array}{c} 84, 630\\ 1, 243\\ 3, 170\\ 3, 722\\ 1, 341\\ 8, 202\\ 2, 602\\ 133\\ 2, 405\\ 1, 423\\ 405\\ 1, 423\\ 478\\ 478\\ 478\\ 478\\ 478\\ 1, 458\\ 794\\ 4, 62, 070\\ 63\\ 178\\ 139\\ \end{array}$	$\begin{array}{c} 36, 004 \\ 1, 466 \\ 2, 978 \\ 4, 392 \\ 1, 355 \\ 8, 652 \\ 2, 696 \\ 357 \\ 146 \\ 2, 400 \\ 1, 777 \\ 146 \\ 2, 400 \\ 1, 777 \\ 119 \\ 3, 831 \\ 1, 260 \\ 2, 549 \\ 219 \\ 664 \\ 706 \\ 2, 564 \\ 516 \\ 1, 371 \\ 812 \\ 611 \\ 1, 714 \\ 538 \\ 232 \\ 142 \end{array}$	$\begin{array}{c} 36, 277\\ 1, 277\\ 2, 906\\ 4, 258\\ 1, 206\\ 8, 582\\ 2, 475\\ 303\\ 144\\ 2, 527\\ 1, 74\\ 1, 746\\ 1, 446\\ 1, 446\\ 1, 446\\ 1, 446\\ 1, 475\\ 229\\ 229\\ 2, 506\\ 111\\ 1, 270\\ 670\\ 229\\ 1, 705\\ 60\\ 0\\ 229\\ 145\\ \end{array}$	$\begin{array}{c} 38,850\\ 1,310\\ 3,075\\ 4,313\\ 1,348\\ 8,230\\ 2,284\\ 378\\ 154\\ 2,312\\ 1190\\ -5,224\\ 378\\ 154\\ 2,312\\ 1,529\\ 1,529\\ 1,529\\ 706\\ 5560\\ 5$	$\begin{array}{c} 40,544\\ 1,415\\ 3,030\\ 4,547\\ 1,440\\ 8,261\\ 2,423\\ 204\\ 4,5,086\\ 390\\ 158\\ 1,692\\ 2,158\\ 1,692\\ 2,158\\ 1,692\\ 2,158\\ 1,602\\ 2,158\\ 1,602\\ 2,168\\ 1,602\\ 3,195\\ 757\\ 2,926\\ 164\\ 1,689\\ 757\\ 7329\\ 165\\ 3,195\\ 777\\ 329\\ 145\end{array}$	$\begin{array}{c} 40,431\\ 1,412\\ 2,779\\ 2,779\\ 4,667\\ 1,672\\ 8,535\\ 2,565\\ 392\\ 168\\ 1,502\\ 2,692\\ 1,502\\ 2,692\\ 1,503\\ 1,503\\ 2,673\\ 1,503\\ 2,932\\ 164\\ 1,733\\ 820\\ 0,57\\ 2,730\\ 557\\ 2,730\\ 159\\ 159\\ \end{array}$	$\begin{array}{c} 41,068\\ 1,345\\ 2,978\\ 2,978\\ 3,576\\ 2,777\\ 1,785\\ 5,010\\ 401\\ 190\\ 1,874\\ 3,092\\ 1,874\\ 3,185\\ 3,898\\ 1,572\\ 1,762\\ 5,762\\ 1,022\\ 3,393\\ 1,771\\ 786\\ 411\\ 2,760\\ 642\\ 129\\ \end{array}$	$\begin{matrix} 30, 266\\ 1, 236\\ 3, 446\\ 4, 844\\ 1, 716\\ 8, 182\\ 2, 829\\ 4, 539\\ 4, 589\\ 4, 589\\ 1, 569\\ 3, 023\\ 142\\ 2, 916\\ 1, 645\\ 1, 6$	$\begin{array}{c} 36, 663\\ 1, 051\\ 3, 567\\ 3, 567\\ 4, 622\\ 1, 591\\ 7, 707\\ 2, 654\\ 181\\ 1, 649\\ 2, 354\\ 181\\ 1, 649\\ 2, 356\\ 136\\ 2, 350\\ 1, 555\\ 717\\ 555\\ 717\\ 565\\ 2, 423\\ 151\\ 1, 868\\ 779\\ 979\\ 54\\ 2, 624\\ 158\\ 158\\ 158\\ 158\\ 158\\ 158\\ 158\\ 158$	$\begin{array}{c} 33, 820\\ 909\\ 3, 240\\ 4, 156\\ 1, 505\\ 7, 279\\ 2, 546\\ 1, 384\\ 1, 384\\ 1, 384\\ 1, 384\\ 1, 384\\ 1, 910\\ 1, 400\\ 1, 400\\ 1, 400\\ 1, 400\\ 1, 400\\ 1, 185\\ 618\\ 2, 179\\ 945\\ 618\\ 2, 166\\ 1, 185\\ 747\\ 747\\ 747\\ 747\\ 747\\ 157\\ 2, 612\\ 88\\ 237\\ 154\\ 154\\ \end{array}$	$\begin{matrix} 100, 315, 079\\ 3, 337, 217\\ 7, 154, 717\\ 13, 343, 678\\ 4, 558, 394\\ 20, 077, 681\\ 6, 925, 010\\ 576, 920\\ 11, 273, 692\\ 838, 950\\ 463, 721\\ 5, 004, 992\\ 6, 037, 368\\ 10, 625, 084\\ 10, 625, 084\\ 3, 330, 925\\ 1, 324, 409\\ 10, 625, 084\\ 3, 330, 925\\ 1, 324, 400\\ 10, 625, 084\\ 3, 330, 925\\ 1, 324, 405\\ 1, 324, 405\\ 1, 324, 405\\ 2, 017, 940\\ 1, 384, 050\\ 4, 136, 515\\ 2, 017, 940\\ 166, 280\\ 5, 786, 082\\ 216, 649\\ 604, 696\\ 256, 215\\ \end{matrix}$
Length of working week*						1	F1 (00		=0.000	FD 000	F0 000	F1 104	42 107	109 198 990
General contractors <sup>8</sup> 40-hour, 5/day week 50-hour, 5/day week 41 other 5-day week 44+hour, 5/4-day week 49/5-hour, 6/4ay week All other 5/2-day week 48-hour, 6-day week 54-hour, 6-day week 60-hour, 6-day week All other 6-day week All other 6-day week All other o.dasignated Not reported	$\begin{array}{c} 659 \\ 364 \\ 1 \\ 4 \\ 133 \\ 2 \\ 8 \\ 92 \\ 14 \\ 5 \\ 10 \\ 13 \\ 13 \\ 13 \end{array}$	38, 179 19, 530 24 91 3, 738 131 48 10, 551 1, 036 844 666 987 533	$\begin{array}{c} 37, 689\\ 18, 841\\ 20\\ 103\\ 3, 536\\ 131\\ 84\\ 10, 858\\ 1, 020\\ 826\\ 644\\ 1, 027\\ 599\\ \end{array}$	$\begin{array}{c} 41,972\\ 20,707\\ 20\\ 93\\ 3,984\\ 141\\ 106\\ 12,109\\ 1,339\\ 905\\ 782\\ 877\\ 909\\ \end{array}$	47, 108 22, 831 22 92 4, 352 141 13, 486 2, 285 981 882 924 971	50, 347 23, 624 170 4, 633 141 210 14, 746 2, 540 1, 006 1, 015 957 1, 281	51,408 24,225 140 4,616 156 310 14,442 2,604 1,189 1,162 992 1,548	53, 349 25, 371 25 227 4, 426 165 298 15, 022 2, 773 1, 600 1, 252 989 1, 201	53,933 25,190 26 120 4,405 180 286 15,927 2,524 1,626 941 1,008 1,700	16, 621 2, 701 1, 592 944 933 1, 092	180 168 16, 325 2, 715 1, 808 1, 220 774 1, 264	$\left(\begin{array}{c} 20\\ 102\\ 4,669\\ 205\\ 125\\ 16,132\\ 2,751\\ 1,780\\ 1,174\\ 635\\ 1,816\end{array}\right)$	45, 167 19, 941 20 69 3, 732 175 91 14, 511 2, 409 1, 929 1, 133 534 623	108, 136, 380 56, 030, 988 88, 300 247, 023 9, 405, 013 218, 610 316, 003 29, 918, 461 3, 337, 267 2, 580, 492 1, 127, 929 1, 965, 833 2, 899, 492
Length of working week* General contractors *	$\begin{array}{c} 1,346\\ 824\\ 8\\ 23\\ 347\\ 36\\ 60\\ 60\\ 6\\ 18\\ 4\\ 16\\ \end{array}$		$\begin{array}{c} 31,808\\ 23,748\\ 36\\ 6\\ 303\\ 6,302\\ 9\\ 299\\ 476\\ 63\\ 346\\ 61\\ 159\end{array}$	$\left \begin{array}{c} 34,630\\ 26,536\\ 61\\ 7\\ 324\\ 6,109\\ 8\\ 286\\ 514\\ 72\\ 495\\ 62\\ 156\end{array}\right $	$ \begin{array}{c} 36, 604 \\ 28, 677 \\ 66 \\ 8 \\ 339 \\ 5, 753 \\ 12 \\ 317 \\ 614 \\ 60 \\ 496 \\ 61 \\ 201 \end{array} $	36, 277 27, 862 62 8 330 6, 201 12 330 720 72 358 57 270	38, 850 29, 032 56 0 361 6, 398 21 318 767 65 1, 390 03 240	$\left \begin{array}{c} 40,544\\ 30,842\\ 71\\ 9\\ 431\\ 6,864\\ 18\\ 312\\ 737\\ 59\\ 912\\ 68\\ 221\\ \end{array}\right $	$\begin{array}{c} 40, 431\\ 30, 985\\ 80\\ 3\\ 449\\ 6, 968\\ 14\\ 299\\ 850\\ 59\\ 413\\ 94\\ 217\end{array}$	$\left \begin{array}{c} 41,068\\31,074\\82\\3\\438\\7,440\\17\\292\\889\\69\\447\\85\\232\end{array}\right $	$\begin{array}{c} 39, 266\\ 29, 555\\ 86\\ 4\\ 424\\ 7, 208\\ 17\\ 278\\ 964\\ 69\\ 355\\ 81\\ 227\\ \end{array}$	$\left \begin{array}{c} 27,327\\ 05\\ 0\\ 381\\ 7,116\\ 10\\ 302\\ 818\\ 43\\ 288\\ 79\end{array}\right $	$\begin{array}{c} \textbf{33, 826} \\ \textbf{25, 435} \\ \textbf{60} \\ \textbf{6} \\ \textbf{361} \\ \textbf{6, 335} \\ \textbf{10} \\ \textbf{251} \\ \textbf{741} \\ \textbf{54} \\ \textbf{296} \\ \textbf{48} \\ \textbf{231} \end{array}$	$\begin{matrix} 100, 315, 079\\ 78, 412, 925\\ 252, 308\\ 20, 262\\ 1, 043, 102\\ 16, 179, 167\\ 21, 037\\ 608, 644\\ 1, 498, 573\\ 112, 093\\ 1, 395, 464\\ 142, 832\\ 564, 681\\ \end{matrix}$
BRONX BOROUGH	249	8, 915	4, 218	4, 940	5, 551	5, 447	6, 464	5, 746	5, 768	ō, 611	5, 209	4, 784	8, 808	12, 905, 921
Classification of establishments	· · ·											-		
Operative builders	<u> </u>	24	29	39	44	47	54	52	53	54	43	83	28	79, 353
Operative builders General contractors Building Commercial building only Residential building only Street paving and highway Sewer, gas, water, conduit Other classes <sup>14</sup>	48 31 19 4 8 8 8 4 5	1, 400 255 152 65 38 223 95 827	1, 429 238 156 44 38 184 129 878	1, 754 316 227 46 43 250 193 995	1, 960 389 288 57 44 424 204 943	$2, 148 \\ 416 \\ 317 \\ 55 \\ 44 \\ 566 \\ 197 \\ 969$	2, 251 458 364 47 47 627 199 967	2, 242 488 377 63 48 678 200 870	2, 281 459 337 78 44 700 187 935	710 184	437 292 104 41 702 198	428 288 99 38 685 190	260 67 34 464 85	4, 326, 249 915, 404 716, 128 112, 134 87, 142 996, 548 411, 978 2, 002, 319

## TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

CLASSIFICATION OF ESTABLISHMENTS AND	Estab- lish-	N	UMBER	EMPLOYI	D ON 15	TH DAY	OF THE	MONTH	OR NEAR	EST REPI	RESENTA	TIVE DA	Y	
LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	Wages paid during year
BRONX BOROUGH-Continued					·							-1		
Classification of establishments—Contd. Subcontractors	$\begin{array}{c} 6\\ 8\\ 39\\ 7\\ 27\\ 5\\ 14\\ 6\\ 22\\ 6\\ 10\\ 6\\ 10\\ 6\end{array}$	$\begin{array}{c} 2, 401\\ 160\\ 69\\ 101\\ 278\\ 50\\ 203\\ 25\\ 307\\ 23\\ 17\\ 160\\ 23\\ 17\\ 160\\ 23\\ 17\\ 160\\ 23\\ 17\\ 160\\ 23\\ 17\\ 160\\ 23\\ 17\\ 160\\ 23\\ 17\\ 160\\ 23\\ 17\\ 160\\ 143\\ 41\\ 17\\ 17\\ 17\\ 17\\ 17\\ 17\\ 17\\ 17\\ 17\\ 1$	$\begin{array}{c} 2,760\\ 200\\ 85\\ 96\\ 264\\ 39\\ 199\\ 26\\ 675\\ 23\\ 27\\ 195\\ 28\\ 117\\ 7195\\ 28\\ 117\\ 71\\ 350\\ 158\\ 296\\ 148\\ 296\\ 141\\ 37\\ 23\\ \end{array}$	$\begin{array}{c} 3, 147\\ 367\\ 74\\ 98\\ 271\\ 195\\ 29\\ 736\\ 208\\ 208\\ 208\\ 208\\ 208\\ 396\\ 172\\ 292\\ 143\\ 38\\ 396\\ 172\\ 292\\ 144\\ 38\\ 222\\ \end{array}$	$\begin{array}{c} 3,  547 \\ 547 \\ 779 \\ 101 \\ 325 \\ 54 \\ 2255 \\ 366 \\ 700 \\ 33 \\ 36 \\ 33 \\ 50 \\ 221 \\ 35 \\ 140 \\ 69 \\ 520 \\ 190 \\ 292 \\ 135 \\ 52 \\ 19 \\ 19 \\ 19 \\ 19 \\ 19 \\ 19 \\ 19 \\ 1$	$\begin{array}{c} 3,252\\ 432\\ 64\\ 107\\ 871\\ 871\\ 972\\ 29\\ 267\\ 207\\ 207\\ 207\\ 207\\ 36\\ 106\\ 55\\ 108\\ 68\\ 68\\ 68\\ 481\\ 201\\ 201\\ 128\\ 66\\ 56\\ 16\\ 16\\ \end{array}$	$\begin{array}{c} 3, 159\\ 409\\ 90\\ 106\\ 410\\ 56\\ 311\\ 43\\ 454\\ 50\\ 300\\ 271\\ 38\\ 38\\ 167\\ 76\\ 50\\ 406\\ 219\\ 248\\ 124\\ 8\\ 124\\ 124\\ 124\\ 12\\ 17\end{array}$	$\begin{array}{c} 3,452\\ 551\\ 89\\ 99\\ 402\\ 60\\ 295\\ 477\\ 427\\ 64\\ 822\\ 287\\ 40\\ 176\\ 60\\ 123\\ 42\\ 600\\ 216\\ 303\\ 127\\ 73\\ 18\end{array}$	$\begin{array}{c} 3, 434\\ 459\\ 75\\ 82\\ 415\\ 81\\ 284\\ 83\\ 60\\ 477\\ 770\\ 38\\ 306\\ 60\\ 183\\ 306\\ 64\\ 112\\ 71\\ 570\\ 192\\ 329\\ 124\\ 84\\ 84\\ 21\\ \end{array}$	$\begin{array}{c} 3, 366\\ 378\\ 378\\ 108\\ 90\\ 354\\ 88\\ 222\\ 44\\ 450\\ 79\\ 110\\ 314\\ 100\\ 63\\ 102\\ 60\\ 539\\ 178\\ 178\\ 178\\ 178\\ 178\\ 178\\ 15\\ 73\\ 15\\ \end{array}$	$\begin{array}{c} 2,980\\ 298\\ 107\\ 98\\ 809\\ 82\\ 185\\ 422\\ 376\\ 98\\ 48\\ 295\\ 58\\ 185\\ 52\\ 103\\ 62\\ 103\\ 62\\ 103\\ 62\\ 103\\ 185\\ 62\\ 108\\ 18\\ 62\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18$		2, 167 115 88 88 238 82 161 35 24 233 25 24 233 25 158 80 92 63 857 187 261 857 187 40 41 15 86 87 46 15 87 87 87 87 87 88 88 88 88 88	\$8, 500, 310 951, 279 270, 779 276, 726 707, 726 567, 261 85, 175 1, 436, 786 146, 826 146, 826 146, 826 146, 826 146, 826 146, 826 146, 826 146, 826 146, 826 146, 828 146, 731 228, 577 164, 838 1, 460, 107 716, 838 1, 460, 107 721, 189 700, 118 8345, 124 175, 437 56, 212
Length of working week * General contractors * 40-hour, 5-day week 44-hour, 51/2 day week All other 51/2 day week 48-hour, 6-day week 54-hour, 6-day week 60-hour, 6-day week All other of designated All other not designated	12 1	1, 424 233 192 900 47 2 50	1, 458 248 152 976 30 2 50	1, 793 266 107 1, 225 23 2 80	2,004 353 278 1,182 38 2 150 1	2, 195 420 272 1, 189 11 2 300 1	2, 305 429 241 1, 260 24 350 1	2; 204 447 289 7 1, 164 36 350 1	2, 334 412 297 7 1, 224 43 350 1	2, 245 389 304 7 1, 148 46 350 1	2, 229 339 329 7 1, 156 47 350 1	2, 239 358 372 6 1, 155 48 300	1, 641 334 296 	4, 405, 602 900, 926 058, 082 5, 933 2, 408, 114 84, 775 1, 150 285, 922
Subcontractors 40-hour, 5-day week 45-hour, 5-day week 50-hour, 5-day week 41 other 5-day week 44-hour, 54-day week 44-hour, 54-day week All other 54-day week All other 54-day week 54-hour, 6-day week All other 6-day week All other 6-day week Not reported	196 122 5 1 4 45 1	2, 401 1, 785 46 94 393 24 55 1 11 76	2,760 2,076 20 07 381 1 25 60 1 11 73	8, 147 2, 412 53 7 101 406 1 28 60 1 11 67	3, 547 2, 721 55 8 96 470 3 28 63 3 11 89	$\begin{array}{c} 3,252\\ 2,329\\ 49\\ 8\\ 94\\ 482\\ 4\\ 27\\ 76\\ 4\\ 12\\ 167\end{array}$	$\begin{array}{c} 3,159\\ 2,297\\ 39\\ 9\\ 101\\ 466\\ 7\\ 22\\ 76\\ 4\\ 12\\ 126\end{array}$	3, 452 2, 561 48 9 132 497 4 20 81 0 12 82	3, 434 2, 550 54 3 142 492 4 19 93 3 12 02	3, 366 2, 515 34 403 403 8 20 77 33 12 59	2, 980 2, 176 50 4 136 408 8 23 85 33 10 47	$2, 495 \\ 1, 817 \\ 34 \\ 0 \\ 117 \\ 342 \\ 4 \\ 19 \\ 61 \\ 31 \\ 10 \\ 54$	2, 167 1, 534 31 6 98 302 3 21 71 31 10 60	700 8, 500; 319 6, 405, 092, 564 26, 265 243, 148 1, 041, 936 4, 100 61, 725 241, 387 41, 453 40, 905 201, 676
BROOKLYN BOROUGH	353	5, 273	5, 191	5, 447	6, 284	6, 898	7,701	7, 596	7, 587	7, 859	6, 450	5, 721	4, 933	15, 502, 293
Classification of establishments	11		1.17 1.18				·	1.1.1		. 1	a je			
Operative builders General contractors Building Building not specialized Commercial building only Residential building only Street paving Sewer, gas, water, conduit	83 61 40 6 15 8	14 2, 201 1, 587 1, 512 32 43 126 97	16 2, 337 1, 605 1, 498 50 57 147 98	17 2, 440 1, 700 1, 498 59 148 149 82	17 2, 851 1, 929 1, 732 40 157 329 69	17     3,348     2,339     2,090     90     159     435     62     62	18 3, 854 2, 823 2, 557 99 167 483 38	16 3,773 2,789 2,525 127 137 517 39	13 3, 780 2, 788 2, 570 79 139 522 33	9 3, 497 2, 445 2, 248 58 139 570 40	4 3, 023 2, 022 1, 868 67 87 522 28	4 2,705 1,688 1,571 48 69 516 44	4 2, 338 1, 481 1, 877 47 57 838 50	17, 955 7, 002, 131 4, 988, 855 4, 457, 079 161, 927 369, 849 1, 023, 104 90, 054
Dredging, river, harbor, etc Rallroad <sup>17</sup> Other classes <sup>18</sup> Subcontractors. Carpentering and wood flooring Concreting. Electrical.	3 5 3 262 9 3 10	07 247 77 3,058 74 48 135	62 346 70 2,838 66 41 130	65 374 70 2, 990 71 42 142	88 373 63 3, 416 75 50 167	93 380 39 3, 533 102 53 153	98 368 44 3, 829 158 80 151	108 294 26 3, 807 224 91 150	108 313 16 3, 774 225 84 156	102 322 18 3, 853 266 68 157	91 330 30 3, 423 263 73 148	88 330 39 3, 012 237 57 149	86 320 63 2, 591 197 55 134	148, 211 629, 116 122, 791 8, 482, 207 860, 623 127, 209 393, 180
Elevator construction Heating and plumbing Flumbing and heating combined Masonry Plastering and lecorating Plastering and lathing Roofing and sheet-metal work Sheet-metal work Roofing and sheet metal combined Steel erection Stonework Marble and tiling Excavating Ornamental iron	3 99 56 11 10 29 8 8 11 10 5 29 8 11 10 4 10 4 13 7 28 8 18	258 1, 101 246 783 72 57 164 87 319 44 185 90 111 115 370 25 144	246 993 249 686 58 49 162 92 287 42 71 120 111 80 111 83 159	245 1,044 240 786 68 111 176 777 297 41 170 170 170 170 170 170 170 17	235 1,155 253 833 69 218 195 96 303 51 171 81 102 140 418 38 178	224 ·1, 185 270 835 80 268 209 116 330 60 174 9 9 117 117 127 419 39 150	214 1, 201 272 866 68 324 232 346 57 170 113 98 130 397 45 102	213 1, 178 314 792 72 228 225 234 342 60 187 95 113 129 411 45 174	251 1,044 336 649 59 112 232 254 365 68 188 109 102 141 525 44 197	$\begin{array}{c} 252\\ 1,046\\ 380\\ 612\\ 54\\ 112\\ 257\\ 145\\ 378\\ 76\\ 194\\ 108\\ 108\\ 117\\ 144\\ 675\\ 34\\ 163\\ \end{array}$	209 1,023 386 565 72 86 260 110 309 68 186 115 126 405 31 162	139 826 307 463 56 124 239 40 378 62 181 135 95 140 321 34 158	124 717 280 390 47 66 206 42 300 54 188 108 92 116 315 25 145	714 235 2, 409, 037 637, 705 1, 011, 115 744, 982 564, 355 274, 152 895, 203 165, 362 461, 737 268, 104 322, 367 291, 575 1, 186, 331 66, 858 387, 196 101, 967

100

See footnotes at end of table.

843

i ya Nyesi z

## TABLE 7 .--- WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

	Estab-	N	UMBER 1	EMPLOYE	D ON 15	TH DAY	OF THE	MONTH C	R NEAR	EST REPI	RESENTA	TIVE DA	Y	
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	lish- ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	Wages paid during year
BROOKLYN BOROUGH—Continued Length of working week * General contractors 3. 40-hour, 5-day week. 44-hour, 5-day week. 419/-hour, 5-day week. All other 53/-day week. 48-hour, 6-day week. 48-hour, 6-day week. All other 6-day week. All other not designated. Not reported.	91 37 23 1 1 13 2 2 8 4	2, 215 972 683 11 20 375 43 110 1	2, 353 980 730 11 32 451 65 122 12	2, 457 910 741 11 81 505 2 45 114 98	2, 868 1, 196 674 11 15 696 5 35 129 107	8, 365 1, 325 969 11 16 776 15 35 143 75	3, 872 1, 519 1, 209 11 27 778 26 53 179 70	3, 789 1, 713 1, 003 5 28 728 48 41 178 45	3, 793 1, 632 1, 075 33 760 44 33 166 45	3,5061,3811,013527818443415034	3,027 1,109 892 5 32 768 46 37 124 14	2,709 741 956 5 19 791 50 50 93 4	2, 342 731 784 5 20 611 30 81 76 4	\$7, 020, 086 2, 452, 282 2, 213, 960 21, 069 44, 947 1, 586, 335 53, 787 80, 808 321, 050 245, 793
Subcontractors. 40-hour, 5-day week. 45-hour, 5-day week. 44-hour, 5-day week. 44-hour, 5-day week. 40½ hour, 6½ day week. All other 5½-day week. 48-hour, 6-day week. 54-hour, 6-day week. All other 6-day week. Not reported.	$262 \\ 145 \\ 1 \\ 7 \\ 82 \\ 1 \\ 7 \\ 12 \\ 1 \\ 4 \\ 2$	3,058 2,146 3 58 680 3 56 49 3 32 28	$2,838 \\ 1,955 \\ 4 \\ 48 \\ 647 \\ 3 \\ 65 \\ 64 \\ 3 \\ 34 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\ 1$	2,990 2,054 48 692 3 75 64 3 33 14	$\begin{array}{c} 3,416\\ 2,347\\ 4\\ 45\\ 786\\ 4\\ 97\\ 76\\ 3\\ 40\\ 14\\ \end{array}$	3,533 2,463 3 43 796 2 96 74 4 38 14	3,829 2,647 5 48 866 5 98 110 32 15	3,807 2,590 8 53 896 4 100 106 3 26 21	3,774 2,610 6 840 3 92 112 3 30 17	3,853 2,645 69 890 4 69 118 31 18 31 73,779	3, 423 2, 226 68 904 3 58 107 3 32 17	3 28 18	2,591 1,705 3 54 850 3 45 80 3 27 21 64,671	8, 482, 207 6, 045, 021 12, 082 116, 168 1, 814, 725 3, 294 156, 850 176, 757 5, 903 91, 950 59, 367 184, 163, 003
MANHATTAN BOROUGH Classification of establishments		55, 102	54, 524	60, 129	65, 485	67, 565	69, 891	72,991	78, 623	73,772	73, 418		-	686, 018
O perative builders	$\begin{array}{c} 412\\ 337\\ 223\\ 42\\ 42\\ 33\\ 62\\ 42\\ 33\\ 42\\ 33\\ 10\\ 7\\ 8\\ 10\\ 7\\ 8\\ 10\\ 7\\ 30\\ 10\\ 7\\ 30\\ 10\\ 7\\ 30\\ 10\\ 7\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10\\ 10$	$\begin{array}{c} 203\\ 31, 698\\ 16, 986\\ 16, 986\\ 16, 576\\ 775\\ 785\\ 588\\ 1, 077\\ 482\\ 538\\ 1, 077\\ 2, 209\\ 1, 434\\ 438\\ 3, 116\\ 5, 235\\ 460\\ 23, 201\\ 486\\ 2, 235\\ 1, 077\\ 2, 091\\ 943\\ 5, 500\\ 2, 202\\ 2, 934\\ 486\\ 2, 135\\ 2, 091\\ 1, 237\\ 71\\ 1, 088\\ 361\\ 112\\ 711\\ 686\\ 208\\ 1, 024\\ 400\\ 1, 315\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 400\\ 1, 315\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 400\\ 1, 315\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 400\\ 1, 315\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 1, 024\\ 149\\ 28\\ 2, 844\\ 149\\ 149\\ 28\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23$	68 757 266 1,053 35 1,124 154 44 2,415 103	004 299 1,214 51 1,194 157 46 2,047 100	524 361 83 80 388 302 1,160 35 1,070 160 61 1,690 140	503 329 1,214 124 915 150 62 1,687 133	$\begin{array}{c} 314\\ 41, 124\\ 21, 029\\ 18, 565\\ 1, 201\\ 31, 209\\ 18, 565\\ 1, 201\\ 31, 203\\ 1, 203\\ 2, 109\\ 2, 109\\ 2, 109\\ 2, 109\\ 2, 109\\ 2, 109\\ 2, 109\\ 2, 109\\ 3, 706\\ 1, 045\\ 5, 563\\ 2, 032\\ 3, 168\\ 3, 209\\ 1, 045\\ 5, 563\\ 2, 032\\ 3, 168\\ 3, 108\\ 1, 048\\ 4, 208\\ 6, 000\\ 117\\ 117\\ 117\\ 117\\ 117\\ 117\\ 117\\$	$ \begin{array}{c} 129 \\ 80 \\ 667 \\ 352 \\ 1, 469 \\ 154 \\ 1, 362 \\ 187 \\ 65 \\ 3, 170 \\ 216 \end{array} $	$\begin{array}{c} 312\\ 43,701\\ 22,007\\ 19,638\\ 1,384\\ 985\\ 427\\ 1,522\\ 1,855\\ 427\\ 1,522\\ 3,112\\ 2,402\\ 7,519\\ 13\\ 29,610\\ 587\\ 2,429\\ 7,519\\ 3,727\\ 1,322\\ 429\\ 3,727\\ 1,322\\ 429\\ 3,727\\ 1,322\\ 429\\ 3,727\\ 1,322\\ 429\\ 1,322\\ 3,433\\ 2,390\\ 168\\ 863\\ 2,390\\ 168\\ 863\\ 3,55\\ 4,291\\ 704\\ 504\\ 504\\ 116\\ 814\\ 728\\ 82\\ 315\\ 315\\ 1,349\\ 160\\ 1,427\\ 1,322\\ 42\\ 14\\ 116\\ 1,427\\ 1,349\\ 160\\ 1,427\\ 1,322\\ 1,349\\ 160\\ 1,427\\ 1,349\\ 160\\ 1,427\\ 1,349\\ 160\\ 1,427\\ 1,349\\ 160\\ 1,427\\ 1,349\\ 1,427\\ 1,349\\ 1,427\\ 1,349\\ 1,60\\ 1,427\\ 1,427\\ 1,50\\ 1,50\\ 1,427\\ 1,50\\$	558 2,583 3,783 1,383 6,178 2,375 3,373 3,373 3,373 240 190 1,150 2,856 741 311 1,107 721 ,488 170 4,488 170 4,41 2,750 229	330 43, 802 21, 8600 19, 679 1, 208 913 420 1, 266 2, 127 3, 131 2, 573 617 2, 423 8, 028 8, 028 8, 028 29, 196 552 3, 046 3, 707 1, 417 5, 903 2, 423 8, 028 8, 028 8, 028 2, 035 6, 603 5, 707 1, 417 8, 028 2, 603 5, 603 5, 603 5, 603 5, 603 5, 603 5, 707 1, 417 8, 613 2, 613 6, 615 8, 61	$\left \begin{array}{c} 42,461\\ 20,823\\ 38,658\\ 1,322\\ 933\\ 378\\ 1,382\\ 1,204\\ 2,155\\ 3,116\\ 2,391\\ 2,204\\ 2,900\\ 7,949\\ 2,80\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 5,686\\ 3,527\\ 1,377\\ 1,595\\ 3,527\\ 1,576\\ 3,566\\ 3,567\\ 1,477\\ 1,595\\ 3,166\\ 3,$	$\begin{array}{c} 2, 644 \\ 586 \\ 2, 387 \\ 7, 712 \\ 25, 042 \\ 571 \\ 2, 953 \\ 3, 305 \\ 1, 300 \\ 5, 405 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 2, 208 \\ 1, 057 \\ 1, 057 \\ 1, 057 \\ 1, 057 \\ 1, 057 \\ 1, 057 \\ 1, 121 \\ 111 \\ 111 \\ 156 \\ 074 \\ 277 \\ 1, 121 \\ 1, 121 \\ 1, 804 \\ 1, 057 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 121 \\ 1, 200 \\ 1, 121 \\ 1, 200 \\ 1, 121 $	$\begin{array}{c} 89, 317, 062\\ 49, 099, 644\\ 42, 885, 010\\ 43, 885, 202, 220\\ 356, 426\\ 2, 500, 607\\ 2, 680, 055\\ 2, 081, 188\\ 4, 382, 782\\ 1, 315, 880\\ 14, 950, 335\\ 14, 950, 533\\ 14, 950, 533\\ 14, 950, 533\\ 14, 950, 533\\ 14, 950, 533\\ 14, 920, 955\\ 3, 514, 215\\ 1400, 200, 955\\ 3, 514, 215\\ 1400, 200, 950\\ 3, 106, 711\\ 399, 920\\ 106, 250\\ 5, 371, 759\\ 3371, 759\\ $
Length of working week * General contractors 3 40-hour, 5-day week All other 5-day week All other 5-day week All other 5-day week All other 51/2-day week All other 51/2-day week 54-hour, 6-day week All other 6-day week		220 304 14 414 51	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ 92\\ 3, 252\\ 130\\ 48\\ 9, 194\\ 2, 056\\ 679\\ 864\\ 21, 210\\ 7\\ 6\\ 4\\ 21, 210\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\$	$\begin{array}{c} 21, 323\\ 24\\ 170\\ 3, 320\\ 130\\ 56\\ 10, 466\\ 2, 332\\ 1, 004\\ 665\\ 810\\ 1, 206\\ 26, 276\\ 20, 478\\ 10\\ 171\\ 4, 423\\ 204\\ 522\\ 303\\ 57\end{array}$	$\begin{array}{c} 50\\ 10,005\\ 2,246\\ 1,189\\ 744\\ 809\\ 1,478\\ 28,453\\ 21,454\\ 12\\ 186\\ 4,542\\ 1517\\ 40\\ 1,346\\ 9,32\\ 0\\ 0\\ 3\end{array}$	$\begin{array}{c} 22, 608\\ 25\\ 214\\ 2, 058\\ 160\\ 30\\ 0\\ 30\\ 0\\ 30\\ 10, 600\\ 831\\ 807\\ 1, 160\\ 20, 635\\ 22, 704\\ 18\\ 222, 704\\ 18\\ 222, 704\\ 18\\ 222, 704\\ 18\\ 222, 704\\ 18\\ 222, 704\\ 18\\ 30\\ 48\\ 18\\ 30\\ 48\\ 18\\ 30\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18\\ 18$	$\begin{array}{c} 99\\ 2,883\\ 175\\ 14\\ 11,467\\ 2,170\\ 1,626\\ 837\\ 1,655\\ 29,610\\ 22,888\\ 22\\ 222\\ 5,100\\ 185\\ 366\\ 44\\ 366\\ 99\end{array}$	$\begin{array}{c} 48\\ 2,853\\ 150\\ 0\\ 11,902\\ 2,329\\ 1,592\\ 30,358$	22 54 3, 100 11, 83 2, 277 1, 800 811 644 1, 250 29, 196 22, 177 3 39 196 5, 36 19- 700 22 23, 31 5, 88	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	

#### TABLE 7 .--- WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

CLASSIFICATION OF ESTABLISHMENTS AND	Estab- lish-	N	UMBER	EMPLOYI	ED ON 15	TH DAY	OF THE	MONTH (	OR NEAR	EST REPI	RESENT	TIVE DA	Y	Wares asid
LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	Wages paid during year
QUEENS BOROUGH	189	b, 007	4, 986	5, 322	b, 534	5, 797	6, 183	6, 480	6, 408	6, 588	6, 528	6, 151	4, 762	\$14, 481, 374
Classification of establishments				0.000	0 710			0.004	0.000	0.104	0.001			
General contractors <sup>3</sup>			$\begin{array}{c} 2,042\\ 460\\ 343\\ 92\\ 25\\ 13\\ 72\\ 48\\ 1,434\\ 15\end{array}$	2, 238 483 359 95 29 43 112 80 1, 480 34	2,513 471 308 98 65 107 235 156 1,482 62	$\begin{array}{c} \textbf{2, 648} \\ \textbf{587} \\ \textbf{408} \\ \textbf{100} \\ \textbf{79} \\ \textbf{177} \\ \textbf{318} \\ \textbf{224} \\ \textbf{1, 277} \\ \textbf{65} \end{array}$	2,845 662 463 107 92 300 278 276 1,232 97	$\begin{array}{c} 2,904\\ & 018\\ & 440\\ & 78\\ & 100\\ & 321\\ & 272\\ & 325\\ & 1,286\\ & 82\end{array}$	2,862 634 444 76 114 308 196 350 1,314 60	$\begin{array}{c} 3,164\\702\\510\\71\\121\\326\\266\\335\\1,468\\67\\\end{array}$	2, 921 589 433 61 95 240 250 305 1, 434 103	$ \begin{vmatrix} 2,638 \\ 541 \\ 398 \\ 67 \\ 76 \\ 159 \\ 285 \\ 240 \\ 1,334 \\ 70 \end{vmatrix} $	$\begin{array}{c} 1,688\\ 426\\ 298\\ 88\\ 40\\ 102\\ 176\\ 122\\ 771\\ 91\\ \end{array}$	5, 461, 783 1, 262, 451 885, 207 204, 781 172, 463 385, 481 451, 808 436, 304 2, 814, 033 111, 766
Subcontractors. Carpentering and wood flooring. Concreting. Electrical Heating and plumbing. Plumbing. Plumbing and heating combined. Masoury. Plastering and lathing. Roofing. Sheet-metal work. Steel erection. Stonework. Marble and tiling. Excavating. Ornamental fron. Other classes <sup>20</sup>	$     \begin{array}{r}       5 \\       7 \\       50 \\       11 \\       33 \\       6 \\       3 \\       4 \\       13 \\     \end{array} $	$\begin{array}{c} 3, 036\\ 93\\ 170\\ 438\\ 941\\ 127\\ 7900\\ 24\\ 55\\ 82\\ 223\\ 98\\ 125\\ 57\\ 162\\ 386\\ 54\\ 190\\ 185\\ \end{array}$	$\begin{array}{c} 2, 044\\ 93\\ 131\\ 370\\ 949\\ 137\\ 701\\ 21\\ 78\\ 78\\ 96\\ 99\\ 99\\ 99\\ 99\\ 98\\ 62\\ 157\\ 349\\ 67\\ 204\\ 4182 \end{array}$	$\begin{array}{c} 3,084\\120\\171\\291\\125\\808\\23\\78\\138\\182\\182\\111\\174\\434\\58\\180\\191\end{array}$	$\begin{array}{c} 3,021\\121\\166\\277\\965\\128\\810\\27\\72\\66\\102\\102\\102\\100\\51\\105\\454\\67\\182\\203\end{array}$	$\begin{array}{c} 3, 149\\ 137\\ 171\\ 341\\ 096\\ 120\\ 847\\ 29\\ 194\\ 83\\ 218\\ 119\\ 90\\ 58\\ 205\\ 389\\ 55\\ 103\\ 199\\ \end{array}$	$\begin{array}{c} 3, 338\\ 133\\ 190\\ 338\\ 1, 001\\ 114\\ 862\\ 225\\ 111\\ 232\\ 224\\ 121\\ 103\\ 06\\ 0\\ 222\\ 416\\ 62\\ 100\\ 213\\ \end{array}$	$\begin{array}{c} 3,576\\ 128\\ 187\\ 620\\ 1,011\\ 109\\ 861\\ 411\\ 55\\ 198\\ 204\\ 116\\ 88\\ 80\\ 234\\ 443\\ 67\\ 106\\ 243\\ \end{array}$	$\begin{array}{c} 3, 546 \\ 141 \\ 191 \\ 690 \\ 908 \\ 841 \\ 30 \\ 50 \\ 50 \\ 90 \\ 178 \\ 828 \\ 82 \\ 96 \\ 01 \\ 230 \\ 477 \\ 70 \\ 124 \\ 240 \end{array}$	$\begin{array}{c} 3,424\\ 143\\ 210\\ 616\\ 037\\ 132\\ 767\\ 38\\ 84\\ 160\\ 85\\ 76\\ 237\\ 468\\ 71\\ 142\\ 211 \end{array}$	$\begin{array}{c} 3, \ 607 \\ 123 \\ 220 \\ 791 \\ 888 \\ 138 \\ 138 \\ 24 \\ 136 \\ 24 \\ 136 \\ 99 \\ 87 \\ 110 \\ 205 \\ 434 \\ 75 \\ 200 \\ 215 \end{array}$	187 401 67	$\begin{array}{c} 3,074\\ 86\\ 160\\ 627\\ 811\\ 110\\ 602\\ 30\\ 30\\ 1\\ 85\\ 210\\ 68\\ 142\\ 87\\ 162\\ 386\\ 79\\ 206\\ 184\\ \end{array}$	$\begin{array}{c} 9,\ 019,\ 591\\ 381,\ 954\\ 484,\ 130\\ 1,\ 874,\ 378\\ 1,\ 907,\ 935\\ 386,\ 461\\ 1,\ 456,\ 057\\ 455,\ 417\\ 162,\ 327\\ 451,\ 793\\ 470,\ 771\\ 248,\ 717\\ 231,\ 054\\ 228,\ 841\\ 554,\ 018\\ 1,\ 374,\ 307\\ 581,\ 757\\ 581,\ $
Length of working week *														
General contractors \$	57 26 1 9 2 14 3 1 1	1, 971 373 	2, 042 393 	2,238 427 91 39 1,013 60 6 2	2, 513 387 111 72 1, 743 180 12 2	2, 648 465 145 132 1, 600 282 15 3	2, 845 562 131 227 1, 599 308 15 3	2, 904 520 13 110 227 1, 680 321 30 3	2, 862 531 21 96 229 1, 690 261 30 4	$\begin{array}{c} \textbf{3, 164} \\ \textbf{579} \\ \textbf{37} \\ \textbf{103} \\ \textbf{224} \\ \textbf{1, 918} \\ \textbf{282} \\ \textbf{17} \\ \textbf{4} \end{array}$	2, 921 502 14 130 119 1, 788 349 15 4	2, 638 440 20 127 90 1, 684 278 15 4	1,688 360 9 122 59 1,030 99 6 3	$\begin{array}{c} 5,461,783\\ 1,085,534\\ 24,500\\ 241,674\\ 204,090\\ 3,455,680\\ 419,919\\ 24,833\\ 5,553\end{array}$
All other not designated	132 88 2 33 1 1 5 1 1	3,036 2,424 20 482 4 3 53 10 34	2,9442,32349958611219	3, 084 2, 445 523 4 3 52 12 25	3, 021 2, 360 22 512 5 3 68 14 37	3,149 2,544 22 484 6 3 48 12 30	3, 338 2, 683 26 508 9 3 64 12 33	$egin{array}{c} 3,576 \ 2,932 \ 26 \ 408 \ 10 \ 3 \ 61 \ 7 \ 39 \ \end{array}$	3,540 2,888 26 515 7 3 60 10 37	$egin{array}{c} 3,424 \\ 2,801 \\ 26 \\ 477 \\ 5 \\ 3 \\ 67 \\ 6 \\ 39 \end{array}$	$     \begin{array}{r}       3,607 \\       2,937 \\       24 \\       518 \\       6 \\       3 \\       66 \\       6 \\       47 \\       47 \\     \end{array} $	3, 513 2, 875 22 493 4 3 63 53	3, 074 2, 453 22 488 4 3 61 43	9, 019, 591 7, 365, 716 45, 519 1, 360, 484 18, 043 9, 432 140, 638 11, 312 72, 847
RICHMOND BOROUGH	- 34	722	578	764	858	. 917	1, 019	1, 080	988	1, 030	953		819	1, 398, 868
Classification of establishments	Part attended							1			•	· •.*		•
General contractors. Building Building not specialized. Residential building only. Street paving. Dredging, river, harbor, etc. Other classes <sup>24</sup> . Subcontractors <sup>25</sup> . Length of working week *	25 10 5 6 4 5 9	668 75 46 29 107 300 96 54	532 72 47 25 96 326 38 46	708 90 64 26 157 379 82 56	802 84 50 28 226 309 93 56	850 89 50 30 256 434 71 67	948 95 62 33 265 400 89 71	1,006 101 67 34 318 490 102 74	931 93 64 29 293 441 104 67	963 80 53 27 307 451 125 67	893 73 48 25 231 471 118 60	831 70 47 23 156 475 130 57	767 58 40 18 120 472 111 52	1, 244, 929 171, 145 114, 475 56, 670 466, 366 422, 873 184, 545
General contractors. 40-hour, 5-day week. 44-hour, 5½-day week. All othor 5½-day week. 48-hour, 6-day week.	25 8 5 1 11	668 81 34 7 546	$532 \\ 69 \\ 35 \\ 7 \\ 421$	708 91 29 7 581	802 88 37 6 671	$850 \\ 91 \\ 44 \\ 6 \\ 709$	948 91 51 6 800	1,006 93 66 6 841	931 88 54 3 786	963 76 49 3 835	893 62 50 1 780	831 67 55 1 708	767 57 47 3 660	1, 244, 929 171, 862 110, 863 7, 111 955, 093
Subcontractors. 40-hour, 5-day week. 44-hour, 5½-day week. Not reported.	9 5 3 1	54 36 13 5	46 29 14 3	56 38 14 4	56 39 14 3	67 48 10 3	71 51 16 4	74 55 16 3	67 49 16 2	67 49 14 4	60 41 15 4	57 40 15 2	52 39 13	153, 939 109, 544 32, 395 12, 000
ROCHESTER	125	8, 058	2, 852	2, 912	3,618	4, 110	4, 655	5, 088	5, 380	5, 300	5, 157	4, 826	3, 852	7, 896, 404
Classification of establishments General contractors. Building. Ruilding not specialized. Residential building only. Highway. Street paying. Other classes <sup>80</sup> .	52 35 30 5 5 9 3	1,962 1,739 1,708 31 117 94 12	1,806 1,655 1,625 1,625 30 45 95 11	1,882 1,687 1,651 36 66 118 11	2, 514 1, 997 1, 935 62 217 285 15	3, 010 1, 993 1, 926 67 356 638 23	3, 570 2, 094 2, 025 69 538 889 58	3, 985 2, 315 2, 200 55 559 1, 040 71	4, 212 2, 413 2, 364 49 582 1, 138 79	4, 075 2, 341 2, 290 45 552 1, 057 125	3, 841 2, 182 2, 141 41 508 1, 014 137	3, 596 2, 532 2, 476 56 325 597 142		1.1.1
See footnotes at end of table.					1 24 2	· · · ·				: 				

#### TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

2010 II. 2012 II. 2012 II. 2014 II. 201	Estab-	N	UMBER	EMPLOYE	D ON 151	TH DAY (	OF THE 1	MONTE C	R NEAR	EST REPP	RESENTA	TIVE DAY	7	Wages paid
CLASSIFICATION OF ESTABLISHMENTS AND LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ber	during year
ROCHESTER-Continued		. :												
Classification of establishments-Con.											1	1		
Subcontractors	$\begin{array}{c} 73 \\ 3 \\ 13 \\ 26 \\ 10 \\ 10 \\ 6 \\ 4 \\ 4 \\ 11 \\ 5 \\ 6 \\ 3 \\ 6 \\ 3 \end{array}$	$\begin{array}{c} \textbf{1, 091}\\ \textbf{35}\\ \textbf{183}\\ \textbf{435}\\ \textbf{211}\\ \textbf{149}\\ \textbf{75}\\ \textbf{103}\\ \textbf{41}\\ \textbf{132}\\ \textbf{22}\\ \textbf{110}\\ \textbf{58}\\ \textbf{88}\\ \textbf{16} \end{array}$	$\begin{array}{c} \textbf{1, 046}\\ \textbf{28}\\ \textbf{194}\\ \textbf{415}\\ \textbf{200}\\ \textbf{137}\\ \textbf{78}\\ \textbf{87}\\ \textbf{44}\\ \textbf{134}\\ \textbf{29}\\ \textbf{105}\\ \textbf{46}\\ \textbf{77}\\ \textbf{21} \end{array}$	$\begin{array}{c} \textbf{1,030}\\ \textbf{38}\\ \textbf{402}\\ \textbf{185}\\ \textbf{134}\\ \textbf{83}\\ \textbf{77}\\ \textbf{52}\\ \textbf{133}\\ \textbf{35}\\ \textbf{98}\\ \textbf{322}\\ \textbf{87}\\ \textbf{21} \end{array}$	$\begin{array}{c} 1,104\\ 39\\ 210\\ 408\\ 186\\ 141\\ 81\\ 73\\ 71\\ 162\\ 63\\ 99\\ 37\\ 87\\ 17\\ 17\end{array}$	$\begin{array}{c} 1,100\\ 39\\ 233\\ 305\\ 187\\ 141\\ 67\\ 75\\ 146\\ 62\\ 75\\ 146\\ 82\\ 75\\ 146\\ 82\\ 75\\ 146\\ 88\\ 88\\ 16\\ 16\end{array}$	$\begin{array}{c} 1,076\\ 36\\ 212\\ 3995\\ 1995\\ 131\\ 73\\ 84\\ 842\\ 149\\ 51\\ 98\\ 300\\ 70\\ 14\\ \end{array}$	$1,103 \\ 40 \\ 223 \\ 386 \\ 186 \\ 120 \\ 80 \\ 97 \\ 76 \\ 148 \\ 54 \\ 94 \\ 44 \\ 75 \\ 14 \\ 14$	$1,168\\ 38\\ 225\\ 412\\ 181\\ 147\\ 84\\ 112\\ 100\\ 146\\ 47\\ 99\\ 37\\ 81\\ 17\\ 17\\ 100\\ 146\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 10$	$\begin{matrix} 1,225\\ 41\\ 206\\ 462\\ 193\\ 107\\ 102\\ 108\\ 85\\ 158\\ 60\\ 98\\ 63\\ 87\\ 15\\ \end{matrix}$	1, 316 33 213 531 238 186 107 98 85 161 67 94 77 101 17	$\begin{array}{c} 1,230\\ 29\\ 226\\ 490\\ 207\\ 183\\ 100\\ 90\\ 69\\ 151\\ 53\\ 98\\ 54\\ 105\\ 16\\ \end{array}$	$\begin{array}{c} 1,083\\ 26\\ 238\\ 443\\ 183\\ 154\\ 106\\ 55\\ 53\\ 129\\ 32\\ 97\\ 33\\ 89\\ 17\\ \end{array}$	\$2, 183, 441 83, 441 401, 945 818, 673 854, 125 283, 983 170, 555 153, 897 151, 406 248, 791 70, 902 169, 729 104, 081 183, 411 37, 819
Ganeral contractors	52 2	1,962	1,806	1,882 25	2, 514 45	3, 010 52	3, 579 52	3, 985 40	4, 212	4,075	8,841	3, 596	2, 799 24	5,712,940 31,519
40-hour, 6-day wook 44-hour, 53-day wook 492-hour, 53-day wook All other 53-day wook 48-hour, 6-day wook 54-hour, 6-day wook 60-hour, 6-day wook All other 6-day wook	33 1 10 10 3 1	18 1,556 165 117 2 94 10	18 1,500 137 108 2 32 9	1,496 176 120 2 54 9 1,030	1,906 196 169 6 183 9 1,104	2, 038 203 303 9 301 14 1, 100	$ \begin{array}{c} 32,161\\ 26\\ 231\\ 606\\ 19\\ 471\\ 13\\ 1,076 \end{array} $	2, 295 43 330 773 13 476 15 1, 103	2, 315 41 414 888 23 482 15 1, 168	2, 231 80 429 793 28 466 67 1, 225	2, 022 33 434 793 17 429 87 1, 316	2, 120 42 632 408 28 264 72 1, 230	1, 82734556246743621, 083	3, 725, 784 37, 006 561, 426 847, 049 17, 388 440, 900 50, 959 2, 183, 464
Subcontractors 40-hour, 5-day week 44-hour, 52-day week 4952-hour, 52-day week All other 52-day week 43-hour, 6-day week Ali other not designated	73 7 61 1 2 1 1	$1,091 \\ 65 \\ 1,003 \\ 10 \\ 8 \\ 2 \\ 3$	1,046 57 968 11 7 8	1,000 60 945 11 9 2 3	61 991 11 15 23 3	71 993 8 16 8 4	67 975 9 13 7 5	$     \begin{array}{r}       72 \\       988 \\       14 \\       13 \\       12 \\       4     \end{array} $	65 1,071 12 13 3 4	1, 113 1, 113 13 12 4	70 1,201 11 17 13 4	1, 180 1, 180 11 13 8 4	69 989 10 7 4 4	$\begin{array}{c} 135,616\\ 1,988,214\\ 17,457\\ 24,702\\ 10,819\\ 6,656\end{array}$
SYRAOUSE	93	1, 477	1, 432	1, 510	1, 971	2, 238	2, 538	2, 999	3, 178	3, 298	3, 288	2, 907	2, 050	4, 311, 105
Classification of establishments General contractors Building Highway Street paving Sewer, gas, water, conduit Other classes <sup>28</sup>	17 6 4 4 3	793 525 141 13 79 35	665 468 70 12 81 34	773 568 57 16 103 29	1, 203 608 251 83 227 32	1, 538 715 459 154 167 43	1, 839 758 619 225 180 57	2, 241 987 701 325 220 58	2, 332 1, 036 672 311 251 62	2, 479 1, 041 707 340 298 93	2, 433 1, 053 541 435 339 65	2, 072 993 267 438 315 59	1, 260 701 142 98 284 35	2, 647, 591 1, 381, 199 488, 320 306, 433 399, 267 72, 372
Subcontractors Concreting and masonry Electrical. Heating and plumbing Plumbing and plumbing. Plumbing and heating combined Roofing and sheet-metal work. Roofing Sheet-metal work. Marble, tilling, and plastering. Ornamental iron <sup>30</sup> .	59 3 28 8 17 3 9 6 3 5 3	$\begin{array}{c} 684\\ 2\\ 55\\ 198\\ 33\\ 113\\ 52\\ 123\\ 81\\ 42\\ 208\\ 60\\ 38\\ \end{array}$	$\begin{array}{c} 767\\ 1\\ 52\\ 195\\ 26\\ 121\\ 48\\ 120\\ 78\\ 42\\ 300\\ 60\\ 39\\ \end{array}$	$\begin{array}{c} 737 \\ 1 \\ 49 \\ 171 \\ 23 \\ 109 \\ 39 \\ 125 \\ 82 \\ 43 \\ 298 \\ 48 \\ 45 \end{array}$	768 19 57 184 25 122 37 188 116 42 225 50 75	$\begin{array}{c} 700\\ 20\\ 55\\ 162\\ 23\\ 105\\ 34\\ 124\\ 124\\ 40\\ 160\\ 50\\ 89\\ \end{array}$	$\begin{array}{c} 699\\ 34\\ 63\\ 169\\ 29\\ 103\\ 37\\ 163\\ 121\\ 42\\ 120\\ 61\\ 89\\ \end{array}$	$\begin{array}{c} 758 \\ 34 \\ 70 \\ 168 \\ 255 \\ 106 \\ 37 \\ 164 \\ 98 \\ 66 \\ 175 \\ 49 \\ 98 \end{array}$	846 42 75 185 31 109 45 186 110 76 217 51 90	819 43 73 206 34 112 60 172 92 80 183 52 90	$\begin{array}{c} 850\\ 47\\ 65\\ 216\\ 48\\ 118\\ 50\\ 180\\ 101\\ 79\\ 217\\ 58\\ 67\\ \end{array}$	184	$\begin{array}{c} 790\\ 29\\ 70\\ 173\\ 32\\ 90\\ 42\\ 119\\ 66\\ 53\\ 272\\ 75\\ 52\\ \end{array}$	$\begin{array}{c} 1, 668, 514\\ 44, 977\\ 174, 734\\ 409, 756\\ 60, 831\\ 240, 163\\ 102, 762\\ 324, 090\\ 227, 591\\ 96, 508\\ 473, 109\\ 102, 851\\ 133, 988\\ \end{array}$
Length of working week *						1 500	1 020	2, 241	. 0 990	9 470	2, 433	2,072	1, 260	2, 647, 591
General contractors. 40-hour, 5-day week. 44-hour, 51/2-day week. 491/2-hour, 51/2-day week. All other 51/2-day week. 48-hour, 6-day week. 54-hour, 6-day week. 60-hour, 6-day week.	34 1 16 1 1 6 3 6	793 10 520 5 80 151 24	665 10 461 7 3 67 100 17	20	$ \begin{array}{c} 1,203\\10\\599\\9\\85\\149\\105\\246\\\end{array} $	1,538 20 710 5 3 236 196 368	$ \begin{array}{c} 1,839\\ 30\\ 745\\ 13\\ 6\\ 313\\ 210\\ 522\\ 6 20 20 20 20 20 20 20 20 20 20 20 20 20 $	30 914 23 8 431 273 502	2, 332 30 1, 020 16 12 421 232 601	30 1, 023 18 20 459 358 571	30 1, 031 22 28 535 278 509	30 982 11 35 517 221 276	1, 200 30 686 15 25 163 93 248 790	33, 200 1, 361, 199 20, 000 40, 000 435, 936 299, 461 457, 795
Subcontractors. All other 5-day week 44-hour, 51/2-day week 55-hour, 51/2-day week All other 51/2-day week 48-hour, 6-day week 54-hour, 6-day week All other 6-day week	$59 \\ 47 \\ 1 \\ 3 \\ 1 \\ 4 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	684 2 548 12 105 	767 2 635 11 101 15 3	$ \begin{array}{c c} 737 \\ 6 \\ 593 \\ 10 \\ 3 \\ 101 \\ \hline 20 \\ 4 \\ \end{array} $	$768 \\ 8 \\ 561 \\ 30 \\ 22 \\ 108 \\ 7 \\ 28 \\ 4$	700 8 483 31 23 108 8 36 36 3	699 8 495 24 19 109 8 34 2	758 8 573 30 18 87 9 31 2	846 8 649 25 20 102 8 32 2	8 38	850 8 668 15 19 92 8 39 1	8 661 12 14 100 6	2 657 12 15	$\begin{array}{c} 1,005,014\\ 12,128\\ 1,297,907\\ 41,478\\ 17,618\\ 234,934\\ 6,737\\ 47,927\\ 4,785\end{array}$
UTICA	-	579	580	526	855	1,078	1, 481	1, 558	1, 618	1, 640	1; 404	1, 058	745	1, 969, 743
Classification of establishments General contractors	10	281	288	253	588	797 232	1, 146 242	1, 277	1, 334	1, 340	1,085	740	438	1, 424, 656
Building	14	261 252 29	288 264 24	230 23	234 354	565	904	282 995	261 1,073	282 1,058	400 685		387 51	526, 190 898, 460
Street paving and ingitway Heating and plumbing. Heating and ploing Plumbing and heating combined Steel erection <sup>41</sup> Other classes <sup>32</sup>		298 139 81 58 30 52 77	202 137 80 57 29 56 70	48	267 114 63 51 35 44 74	281 113 59 54 38 47 83	285 115 62 53 34 46 90	281 102 54 48 36 47 96	284 107 62 45 30 52 95	49 38 49	69	66 45 52 64	47	545, 087 254, 740 148, 519 106, 221 38, 606 92, 963 158, 718

#### TABLE 7.-WAGE EARNERS, BY MONTHS, AND WAGES PAID DURING 1929-Continued

CLASSIFICATION OF ESTABLISHMENTS AND	Estab- lish-	N	UMBER	EMPLOYE	D ON 15	TH DAY	OF THE	MONTH (	OR NEAR	EST REPI	ESENTA	TIVE DA	Y	Wages paid
LENGTH OF WORKING WEEK	ments report- ing	Janu- ary	Febru- ary	March	April	May	June	July	August	Sep- tember	Octo- ber	Novem- ber	Decem- ter	during year
UTICA—Continued.										•••				·
Length of working week *														
eneral contractors	19 14	$281 \\ 252 \\ 10$	$288 \\ 264$	253 230	$\frac{588}{234}$	797 232	$^{1,146}_{242}$	$1,277 \\ 282$	1, 334 261	1,340 282	1, 085 400	740 439	438 387	\$1, 424, 656 526, 190
48-hour, 4-day week		10	10 8	10	126	226 112	481 120	481 125	481 127	489 125	214 130	106 27	· 10 19	411,727 120,462
Hontri Contractors         44-hour, 6-day week         48-hour, 9-day week         54-hour, 6-day week         60-hour, 6-day week         All other 6-day week		6	6	7	120 42	164 63	229 74	328 61	409 56	386 58	305 36	168	22	249, 378 116, 899
nhooptroators	24	208	292	273	267	281	285	281	284	300 22	319	318 20	307 15	545,087 51,771
40-hour, 5-day week 44-hour, 5½-day week 49½-hour, 5½-day week	$\begin{array}{c}2\\15\\1\end{array}$	23     234     6	20 234 7	21 211 6	$27 \\ 197 \\ 6$	30 198 8	$     \begin{array}{r}       34 \\       197 \\       7       7       7       7       7       $	37 187 8	34 193 6	$222 \\ 222 \\ 6$	$22 \\ 247 \\ 6$	250	250 7	432,74
All other 51% day week	1 11	12 12	11	11 13	9 15	8 10 17	7 10 13	11	12 16	11 16	12	13 17	13 11	15,65 16,98
48-hour, 6-day week All other 6-day week Not reported		10	10 1		10	15	20 4	20	20	20 3	20 10 2	10	10 1	14, 72 4, 45
	50	900	853	806	811	911	936	1,010	1,015	1, 021	1,030	907	751	2, 078, 54
YONKERS Classification of establishments		860						1,010	1,010		1,000			
eneral contractors *	24	486	482	422	428	498	529	579	584	. 550	556	478	370	1,008,654
Ruilding	20	418 391	387 353	272 221	248 185	301 282	321 227	374 253	883 279	355 243	367 261	310 196	267 190	727, 968
Building not specialized * Residential building only Other classes <sup>83</sup>	9	27 68	34 95	51 150	63 180	69 197	94 208	121 205	104 201	112 195	106 189	114 168	103	182, 98 840, 68
ubcontractors	32	374	371	$384 \\ 123$	383 111	413 124	407 145	481 157	431 166	471 170	474 167	429 157	381 150	1, 009, 89 364, 41
ubcontractors. Heating and plumbing Roofing and sheet-metal work. Roofing Sheet-metal work Steel arcetion	9 6 3	138 34 21	128 30 17	84 21	41	41	39 26	48	47	49	44	45	39	85, 97 54, 98
Sheet-metal work Steel erection	3	34 21 13 16	13	13	19 10	17	13 12	+ 19 13	18 17	22 12	14 10	14	13 8	30, 99 32, 89
Stonework and concreting	. 3	76 12	78	85 85 31	6 <del>9</del> 37	8 90 39	62 39	75 35	62 31	82 43	92 35	17 73 23	60 20	191, 16 57, 96
Other classes 34	. 8	98	104	103	115	111	110	103	108	115	126	114	104	277, 47
Length of working week *	24	486	482	422	428	498	529	579	584	550	556	478	370	1, 068, 65
teneral contractors <sup>3</sup> 40-hour, 5-day week All other 5-day week	16	411	380	256 12	230	279	296	348	360	336 10	556 351 5	302	261	690, 05 15, 71
All other 5-day week 44-hour, 6½-day week 48-hour, 6-day week 54-hour, 6-day week	42	63 12	88 14	$112 \\ 12$	189 16	151 15	168 20	174	174 20 22	172 17 15	161 21 18	141 12 18	99	260, 95 30, 90 71, 93
		374	371	30 384	35 883	45 413	40 407	34 431	431	471	474	429	381	1, 009, 89
ubcontractors. 40-hour, 5-day week 44-hour, 51/2-day week 491/2-hour, 51/2-day week All other 51/2-day week 48-hour, 6-day week Not reported.	12 15	131 223	134 217	119 225	$132 \\ 205$	$\begin{array}{c} 136 \\ 227 \end{array}$	133 222	144 235	151 230	151 260	146 274	151 234	133 216	389, 37 538, 40
49½-hour, 5½-day week All other 5½-day week		8	6	9	9	11	11 2		15	13 4	15	17	12	21, 25 2, 89 32, 96
48-hour, 6-day week Not reported	2 1	8	12 2	14 17	18 19	16 23	22 17	24 11	20 11	24 19	17 18	19	5 15	25,00
<ul> <li>Includes bridge and culvert; sewer, gas, w</li> <li>Includes bridge and culvert; sewer, gas, w</li> <li>Includes bridge and culvert; sewer, gas, w</li> <li>Includes pipe covering; and automatic ten</li> <li>Includes flooring, n. e. s.</li> <li>Includes concreting; steel erection; and gr.</li> <li>Includes bridge and culvert; dredging, riv.</li> <li>Includes automatic temperature control.</li> <li>Includes blighway; sewer, gas, water, cond</li> <li>Includes gond activert; subway (other than</li> <li>Includes glass and glazing; and foundation</li> <li>Includes grading and waterworks.</li> <li>Includes grading and waterworks.</li> <li>Includes dredging, river, harbor, etc.; cen</li> <li>Includes dredging, river, harbor, etc.; den</li> <li>Includes dredging and duvert; and sewer, gi</li> <li>Includes carpentering and woodflooring;</li> <li>Includes carpentering and woodflooring;</li> <li>Includes sewer, gas, water, conduit; and i</li> <li>Includes sewer, gas, water, conduit; and i</li> <li>Includes carpentering and woodflooring;</li> <li>Theludes sewer, gas, water, conduit; and i</li> <li>Includes carpentering and woodflooring;</li> </ul>	ater, cor	duit; we duit: dre	derwork:	s; and di ver herl	or. etc.:	and cent	ral stati	ion. light	and pov	ver plant	•			
<ul> <li><sup>24</sup> Includes dam and reservoit; waterworks;</li> <li><sup>25</sup> Includes electrical; plumbing; plumbing;</li> <li><sup>26</sup> Includes pridge and culvert; and sewer, g</li> <li><sup>27</sup> Includes grading; bridge and culvert; dan</li> <li><sup>28</sup> Includes grading; bridge and work(a lowert; dan</li> <li><sup>20</sup> Includes carpentering and wood(looring;</li> <li><sup>21</sup> Includes clevator construction; and ornar</li> <li><sup>22</sup> Includes carpentering and wood(lowert; dan</li> </ul>	and real and heat as, wate and lat and re- painting mental in	ing coml r, conduining; and servoir. and decon.	oined; an it. I flooring orating; s	d marble , n. e. s. steel erec	and tili	ng. ding; and avating	1 Oooring	g, n. ę. s.					а - 200	
<sup>24</sup> Includes carpentering and woodbooring; 6 <sup>23</sup> Includes sewer, gas, water, conduit; and l <sup>24</sup> Includes carpentering and woodflooring; 6	lectrical	; paintin ; paintin	g and de	corating;	glass an	d glazing	; marble	e and til	ng; and	metal wo	ork, n. e	<b>.</b> S.	 	na su sa sina Sina ka Sina kang s

## TABLE 8.-EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929

			PRINCIPAL	ITEMS OF TURE	EXFENDI-			OTHER	ITEMS O	F EXPENI	DITURE		
CLASSIFICATION OF ESTABLISH- MENTS	Estab- lish- ments report- ing	Value of construc- tion business reported	Subcon- tract work let	Wages paid	Cost of mate- rials	Sala Proprie- tors and firm mem- bers	aries Employ- ces	Rent Equip- ment	for— Offices, etc.	Interest	Con- tract bond pre- miums	Compen- sation and liability insurance pre- mlums	All other overhead expenses
		Dollars 1,190,961,007	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars 54, 925, 069
NEW YORK		00,000,400	24 052 000	1 045 945	1 126 570	4 300	774 220	8 548	79, 930	1, 160, 631	10.562	108.565	
Operative builders Building Building not specialized Commercial building only Manufacturing building only Bridge and culvert Grading Street paving Stever paving Sever, gas, water, conduit Dem and reservoir Waterworks Dredging, river, harbor, etc Railroad Foundation	$1,467 \\1,119 \\745 \\107 \\6 \\261 \\101 \\101 \\100 \\15 \\72 \\34 \\5 \\19 \\27 \\7 \\7 \\7 \\7 \\7 \\7 \\7 \\7 \\7 \\7 \\7 \\7 \\7$	$\begin{array}{c} 736,\ 678,\ 403\\ 508,\ 602,\ 273\\ 440,\ 824,\ 810\\ 22,\ 109,\ 670\\ 1,\ 021,\ 821\\ 1,\ 021,\ 821\\ 1,\ 021,\ 821\\ 1,\ 021,\ 821\\ 1,\ 021,\ 821\\ 1,\ 021,\ 821\\ 1,\ 021,\ 821\\ 1,\ 021,\ 821\\ 1,\ 84,\ 581\\ 1,\ 105,\ 442\\ 16,\ 100,\ 770\\ 22,\ 548,\ 331\\ 18,\ 007,\ 837\\ 4,\ 155,\ 402\\ 1,\ 588,\ 571\end{array}$	$\begin{array}{c} 297, 237, 000\\ 274, 319, 000\\ 11, 053, 000\\ 11, 053, 000\\ 138, 000\\ 2, 941, 000\\ 1, 555, 000\\ 2, 116, 000\\ 3, 116, 000\\ 3, 116, 000\\ 1, 009, 000\\ 0, 000\\ 1, 345, 000\\ 1, 345, 000\\ 1, 703, 000\\ 658, 000\end{array}$	$\begin{matrix} 167,  414,  009\\ 89,  030,  245\\ 78,  409,  454\\ 4,  063,  620\\ 301,  650\\ 9,  105,  602\\ 8,  121,  707\\ 3,  177,  851\\ 402,  186\\ 8,  382,  804\\ 5,  903,  220\\ 788,  066\\ 6,  449,  87\\ 449,  87\\ 5,  305,  936\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179,  278\\ 1,  179$ 1,  170\\ 1,  179 1,  170\\	$\begin{array}{c} 155, 632, 871\\ 81, 750, 051\\ 70, 175, 441\\ 3, 541, 704\\ 233, 882\\ 7, 804, 964\\ 12, 855, 783\\ 2, 940, 202\\ 174, 302\\ 10, 518, 036\\ 4, 914, 904\\ 456, 558\\ 8, 670, 800\\ 5, 097, 970\\ 988, 824\\ 173, 947\end{array}$	$\begin{array}{c} 1, 420, 215\\ 1, 062, 008\\ 762, 610\\ 36, 200\\ \hline \\ \hline \\ 263, 198\\ 227, 331\\ 23, 360\\ \hline \\ 13, 500\\ 53, 008\\ 5, 200\\ 10, 920\\ 17, 088\\ \hline \\ 7, 800\\ \hline \end{array}$	$\begin{matrix} 34,911,094\\ 22,402,158\\ 18,803,318\\ 1,663,705\\ 112,667\\ 1,822,408\\ 1,578,052\\ 344,603\\ 54,700\\ 2,002,390\\ 1,113,710\\ 96,298\\ 1,478,657\\ 036,994\\ 309,216\\ 116,068\end{matrix}$	$\begin{matrix} 3,009,533\\876,173\\836,487\\18,106\\648\\20,932\\638,103\\10,395\\38,924\\312,166\\248,662\\1,001\\113,632\\310,651\\14,212\\10,783\end{matrix}$	$\begin{array}{c} 2, 316, 402\\ 1, 366, 126\\ 1, 079, 786\\ 166, 177\\ 3, 445\\ 110, 718\\ 129, 030\\ 11, 459\\ 10, 090\\ 184, 369\\ 51, 742\\ 6, 560\\ 89, 051\\ 84, 000\\ 36, 369\\ 10, 226\\ \end{array}$	$\begin{array}{c} 3, 373, 278\\ 1, 501, 817\\ 975, 868\\ 68, 722\\ 5, 910\\ 451, 317\\ 220, 027\\ 21, 313\\ 8, 184\\ 191, 125\\ 1445, 332\\ 10, 282\\ 408, 333\\ 49, 342\\ 4, 924\\ 9, 859 \end{array}$	$\begin{array}{c} 2,722,978\\ 980,213\\ 941,605\\ 7,100\\ \hline 31,442\\ 204,012\\ 36,184\\ 2,283\\ 272,095\\ 130,671\\ 15,052\\ 320,418\\ 81,954\\ 35,765\\ 2,487\end{array}$	$\begin{array}{c} 9, 560, 659\\ 4, 161, 439\\ 3, 648, 176\\ 175, 620\\ 16, 478\\ 326, 165\\ 5005, 009\\ 184, 850\\ 0294, 642\\ 49, 722\\ 509, 987\\ 1, 004, 451\\ 74, 430\\ 14, 080\\ \end{array}$	$\begin{array}{c} 30,071,810\\ 10,085,986\\ 8,620,617\\ 711,894\\ 54,786\\ 1,289,080\\ 3,720,194\\ 544,996\\ 224,053\\ 2,901,779\\ 1,701,001\\ 391,043\\ 1,717,624\\ 23,714\\ 173,001 \end{array}$
Foundation Central station, light and power plant. Subway (other than buildings). Other classes 1.	18 22 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5, 233, 000 5, 031, 000 180, 000	20, 429, 974	18, 176, 507		784, 611 3, 587, 220 106, 358	77, 138 349, 479 2, 214	142, 206 188, 718 3, 450	340, 588 7, 976	553,636	1, 975, 022 23, 199	4, 176, 107 50, 492
Subcontractors Carpentering and wood flooring Concreting Electrical Elevator construction Heating and plumbing Hoating and plping Pine covering	2, 204 8( 241 2( 81( 197	10, 970, 648           19, 654, 323           45, 318, 585           24, 105, 049           122, 882, 762           42, 751, 120           2, 542, 990	$\begin{array}{c} 21,285,000\\ 1,384,000\\ 980,000\\ 596,000\\ 506,000\\ 5,732,000\\ 3,960,000\\ 9,000\\ 1,513,000\end{array}$	$\begin{matrix} 310, \ 940\\ 130, \ 294, \ 843\\ 3, \ 667, \ 980\\ 7, \ 475, \ 400\\ 16, \ 876, \ 376\\ 4, \ 933, \ 201\\ 31, \ 701, \ 206\\ 10, \ 364, \ 017\\ 762, \ 102\\ 16, \ 475, \ 042\end{matrix}$	173, 075, 598 3, 527, 211 7, 318, 300 18, 039, 820 15, 638, 263 61, 671, 111 20, 334, 955 871, 821 32, 783, 817	$\begin{array}{c} 2, 308, 238\\ 87, 371\\ 54, 068\\ 206, 682\\ 2, 680\\ 1, 066, 569\\ 199, 267\\ 11, 146\\ 565, 476\end{array}$	$\begin{array}{c} 27,\ 258,\ 186\\ 789,\ 704\\ 1,\ 314,\ 881\\ 3,\ 432,\ 021\\ 660,\ 075\\ 7,\ 803,\ 686\\ 2,\ 932,\ 287\\ 230,\ 202\\ 3,\ 594,\ 727\end{array}$	$1, 130, 104 \\1, 840 \\216, 667 \\9, 311 \\34, 843 \\13, 263 \\500 \\16, 519$	2, 963, 943 97, 508 82, 095 398, 649 19, 186 954, 388 287, 686 19, 018 475, 232	$\begin{array}{c} \textbf{1, 231, 006} \\ \textbf{24, 639} \\ \textbf{75, 563} \\ \textbf{123, 159} \\ \textbf{8, 141} \\ \textbf{364, 883} \\ \textbf{126, 529} \\ \textbf{7, 930} \\ \textbf{174, 666} \end{array}$	287, 642 1, 522 12, 487 40, 648 3, 354 158, 484 84, 870 53, 009	319,730 335,236 225,766 855,507 306,288 19,105	2, 354, 242 460, 781 6, 026, 453 2, 316, 846 121, 423
Plumbing Plumbing and heating com- bined	10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		3, 322, 413 217, 842	6, 252, 322 282, 409 1, 145, 787 6, 890, 941 3, 136, 215 958, 947 4, 538, 871	290, 680	809, 257	4, 561	146, 908 10, 350 15, 194 55, 554 153, 068 54, 652 97, 009 265, 837 124, 901	2, 481 69, 425 47, 980 9, 305 85, 514 95, 915 54, 359	20, 258 131 160 3, 430 7, 775 60 477 8, 215 1, 359	11,776           232,224           271,740           10,372           7,357,940           318,285           104,330           80,591	$\begin{array}{c} 162,045\\733,838\\921,838\\5208,931\\550,117\\2,100,105\\1,186,854\\571,959\end{array}$
Rooing and sneet metal con- bined.         Steel erection.         Stonework.         Marble and tiling.         Wrocking.         Ornamental iron.         Highway.         Grading.         Soundproofing.         Foundation.         Metal work, n. e. S.         Flooring, n. o. S.         Other classes 2	- 80	4, 872, 833 4, 822, 406 6, 003, 520 1, 27, 484, 193 1, 177, 802 11, 432, 644 12, 935, 557 1, 190, 193 181, 060 8 581, 230 19, 801, 977 5 2, 063, 577 8 2, 032, 933	$\begin{array}{c} 178,000\\ 595,000\\ 828,000\\ 518,000\\ 13,000\\ 1,302,000\\ 789,000\\ 7,000\\ 5,000\\ 5,000\\ 5,000\\ 89,000\\ 67,000\\ 89,000\\ 67,000\\ \end{array}$	$ \begin{array}{c} 4, 609, 873 \\ 1, 494, 257 \\ 0, 261, 286 \\ 757, 092 \\ 4, 516, 106 \\ 2, 079, 688 \\ 344, 507 \\ 54, 100 \\ 106, 280 \\ 106, 280 \\ 5, 853, 054 \\ 406, 990 \\ 882, 796 \\ \end{array} $	$\begin{array}{c} 2,322,217\\ 11,425,804\\ 8,016\\ 997,295\\ 6,138,611\\ 400,114\\ 13,708\\ 302,376\\ 5,311,196\\ 5,311,380\\ 1,137,803\\ 1,283,090\end{array}$	105, 080 38, 007 63, 921 	$ \begin{array}{c} 308, 465 \\ 1, 847, 880 \\ 128, 98 \\ 1, 003, 460 \\ 1, 011, 824 \\ 179, 924 \\ 179, 924 \\ 177, 440 \\ 67, 11 \\ 799, 070 \\ 119, 334 \\ 177, 050 \end{array} $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{bmatrix} 53, 566\\ 241, 020\\ 7, 772\\ 66, 618\\ 128, 724\\ 2, 373\\ 51, 376\\ 7, 001\\ 2, 70, 062\\ 70, 062\\ 128, 786\\ 33, 888\\ 34, 888\\ 35, $	$\begin{array}{c} 77, 207\\ 34, 883\\ 90, 370\\ 5, 515\\ 46, 320\\ 44, 994\\ 512\\ 44, 994\\ 512\\ 44, 994\\ 512\\ 14, 304\\ 7\\ 222\\ 14, 304\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 7\\ 3, 292\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\ 7\\$	$\begin{array}{c} 22, 65 \\ 22 \\ 1, 26 \\ 5, 51 \\ 8, 79 \\ 28 \\ 26 \\ 5 \\ 26 \\ 1 \\ 12, 62 \\ 3 \\ 5 \\ 4, 33 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 1, 303, 877\\ 511, 827\\ 1, 876, 978\\ 3, 46, 763\\ 9, 1, 603, 513\\ 3, 778, 190\\ 5, 87, 212\\ 5, 27, 109\\ 5, 27, 109\\ 5, 27, 109\\ 5, 27, 109\\ 5, 27, 109\\ 5, 27, 109\\ 5, 27, 109\\ 5, 27, 109\\ 5, 27, 109\\ 5, 202, 942\\ 2, 293, 942\\ 2, 293, 942\\ 2, 293, 942\\ 2, 293, 942\\ 2, 293, 942\\ 2, 293, 942\\ 3, 306\\ 4, 306\\$
ALBANY		10, 576, 126	2,054,000							-	. —		
General contractors Building. Building not specialized Commercial building only Residential building only Street paving and highway Other classes <sup>3</sup>		0 4, 587, 479	1, 894, 000 1, 509, 000 241, 000 8 84, 000 79, 000	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	981, 104           738, 110           108, 281           108, 281           134, 700           542, 310           542, 310           2           415, 455	28, 940           20, 940           4, 500           3, 500           10, 000	) 168, 86 ) 28, 64 ) 15, 68 _ 58, 20 ) 137, 09	6 2,870 6 421 9 4,929 2	0 3, 854 1 2, 013 24( 9 2, 555 . 3, 460	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 47, 57 0 9, 19 3, 62 6 14, 67 5 40, 78	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Subcontractors Heating and plumblug Heating and piping ' Plumbing Painting and decorating ' Roofing and sheet-metal work Other classes '	- 2		54,00 54,00 7 2,00	0 326, 15 0 169, 07 157, 08 0 223, 97 110, 13	3         703, 243           4         478, 04           4         225, 19           7         108, 40           4         95, 64	4 9 6, 87 5 3, 50 3 3, 00	4 81, 62 37, 29 4 44, 33 0 37, 26 0 32, 24	7 1  6  3 0 	10, 34 0, 28 4, 05 5 1, 84 6, 60	1 3,57 5 1,12 6 2,45 5 3,45 5 3,36	1 1,55 0 8 7 2 9	9 4, 13 0 3, 66 2 8, 08 5 64 5 8, 71	5 79,759 6 50,411 9 29,348 1 34,665 4 45,420 6 32,311
BUFFALO	23			0 13, 488, 88		11 .	2 3, 590, 77						7 2,457,275
General contractors ? Building Residential building only Highway Street paving Sewer, gas, water, conduit Other classes <sup>8</sup>		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 10,872,00\\ 310,129,00\\ 8,741,00\\ 51,388,00\\ 045,00\\ 38,200\\ 38,200\\ 328,00\\ 378,00 \end{array}$	0 285, 52 0 140, 61 0 732, 85 0 687, 60	6 5,614,80 8 5,058,33 556 40	1 40, 29 4 40, 29 5 40, 29 9 3 6	5 1,755,94 5 1,216,78 5 1,129,35 - 87,43 - 63,60 - 274,82 - 61,07 - 139,66	0	- 1,40 6 41,90	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	314, 84           0         300, 88           05         13, 90           15         7, 82           2         61, 14           17         84, 16	469, 230           7         34, 779           25         98, 759           5         256, 721           9         36, 265

I.

#### TABLE 8.—EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929—Continued

			PRINCIPAL	ITEMS OF TURE	EXPENDI-			OTHEI	ITEMS (	F EXPEN	DITURE		
CLASSIFICATION OF ESTABLISH- MENTS	Estab- lish- ments report- ing	Value of construc- tion business reported	Subcon- tract work let	Wages paid	Cost of mate- rials	Sal Proprie- tors and firm mem- bers	aries Employ- ees	Rent Equip- ment	for Offices, etc.	Interest	Con- tract bond pre- mlums	Compen- sation and liability insurance pre- miums	All other overhead expenses
BUFFALO—Continued Subcontractors Concreting_and woodflooring Concreting Electrical Elevator construction % Hogting and plumbing	154 5 3 19 4 48	608, 367 180, 790 3, 276, 185 2, 646, 907 5, 992, 742	15,000 48,000 444,000	242, 761 51, 998 798, 404 365, 499 1, 467, 729	218, 947 53, 929 1, 516, 671 1, 838, 339 2, 923, 069	57, 184	55,844	191	1,865 47,364	1, 383 270 9, 191 496 21, 608	23, 402	Dollars 260, 848 10, 775 2, 105 17, 831 17, 324 38, 740	Dollars 1, 387, 297 34, 888 28, 555 160, 962 32, 633 240, 737
Subcrators. Carpentering and woodflooring Concreting. Electrical. Elevator construction <sup>9</sup> . Heating and plumbing. Heating and plumbing. Plumbing and heating combined. Masonry and stonework. Painting, decorating, and glazing. Plastering and lathing. Roofing and sheet-metal work. Roofing and sheet-metal work. Roofing and sheet-metal work. Roofing and sheet metal com- bined. Steel crection. Marble and tiling. Excavating and wrecking. Motal work, n. e. S.	$ \begin{array}{c} 16\\ 26\\ 5\\ 11\\ 4\\ 26\\ 13\\ 6\end{array} $	$\begin{array}{c} 3,000,085\\ 2,578,955\\ 413,702\\ 480,484\\ 603,771\\ 603,279\\ 2,249,886\\ 1,083,469\\ 403,293\end{array}$	$\begin{array}{c} 34,000\\ 3,000\\ 4,000\\ 2,000\\ 2,000\\ 41,000\\ 25,000\end{array}$	713, 713 130, 052 275, 146 243, 612 381, 642 594, 740 247, 419 138, 561	$\begin{array}{c} 1, 201, 621\\ 201, 668\\ 79, 275\\ 201, 576\\ 151, 403\\ 804, 300\\ 443, 549\\ 158, 026\\ \end{array}$	30, 705 6, 920 2, 405 19, 930 3, 120 11, 360	71, 380 239, 904 103, 310		$\begin{array}{c} 20,616\\ 24,750\\ 1,998\\ 2,897\\ 6,679\\ 4,506\\ 19,546\\ 10,832\end{array}$	13, 467 7, 595 546 810 1, 905 1, 247 9, 630	17, 865 4, 272 1, 265 1, 530 1, 092 475	19,986 16,608 2,166 10,472 10,223 15,644 38,307	105 651
		411, 357 291, 225 988, 750	12, 000 2, 000	$\begin{array}{c} 658,342\\ 242,255\\ 153,473\\ 50,587\\ 320,360\end{array}$	146, 694 307, 317		162, 332 39, 674 51, 096 10, 972 134, 468	28, 606 7, 741 2, 256	6, 914 3, 110 3, 720 5, 479	1, 608 10, 060 480 3, 834		53, 247 3, 120 21, 431 2, 271 19, 268	.86, 074 176, 377 73, 911 69, 847 39, 425 126, 199
NEW YORK OITY		914, 489, 149 35, 958, 093		214, 793, 538 816, 047	235, 198, 577 703, 608	1,609,941	47, 343, 097			4, 391, 255 1, 097, 459	2, 028, 665 10, 550		38, 818, 009 640, 860
General contractors Building Commercial building only Manufacturing building only Residential building only Bridge and culvert Street paving Sewer, gas, water, conduit Waterworks Dredging, river, harbor, etc Railroad Foundation Central station, light and power plant Subway (other than buildings)	$\begin{array}{c} 629\\ 406\\ 312\\ 90\\ 3\\ 91\\ 6\\ 5\\ 26\\ 13\\ 11\\ 19\\ 9\\ 19\\ 19\\ 19\\ 19\\ 19\\ 19\\ 19\\$	544, 839, 302 376, 501, 402 332, 780, 572 332, 780, 572 33, 399, 986 2, 881, 805 9, 834, 105 77, 005, 744 10, 142, 330 20, 215, 701 16, 845, 038 4, 081, 701 1, 519, 603 21, 588, 655	$\begin{array}{c} 251, 106, 000\\ 231, 633, 000\\ 236, 517, 000\\ 10, 053, 000\\ 96, 000\\ 14, 067, 000\\ 2, 086, 000\\ 2, 033, 000\\ 572, 000\\ 857, 000\\ 1, 699, 000\\ 710, 000\\ 658, 000\\ \end{array}$	$\begin{matrix} 106, 617, 093\\ 56, 335, 137\\ 50, 081, 315\\ 3, 545, 010\\ 209, 046\\ 752, 677\\ 2, 735, 372\\ 4, 292, 573\\ 3, 551, 284\\ 5, 988, 112\\ 4, 890, 142\\ 4, 890, 142\\ 1, 105, 151\\ 254, 682\end{matrix}$	97, 343, 922 44, 709, 468 39, 164, 122 3, 009, 000 131, 015 2, 405, 325 1, 162, 055		$\begin{array}{c} 25,102,141\\ 10,011,121\\ 13,505,629\\ 1,538,003\\ 51,984\\ 914,605\\ 165,785\\ 202,305\\ 1,001,685\\ 202,305\\ 1,001,685\\ 202,305\\ 10,001,685\\ 202,305\\ 110,001,685\\ 820,357\\ 294,295\\ 116,008\\ 083,227\end{array}$	$\begin{matrix} 1, 974, 787\\ 637, 739\\ 005, 402\\ 15, 543\\ 722\\ 16, 722\\ 141, 477\\ 14, 134\\ 176, 080\\ 171, 700\\ 97, 807 \end{matrix}$	$\begin{array}{c} 1,831,587\\ 1,120,205\\ 882,186\\ 160,004\\ 2,523\\ 74,982\\ 21,595\\ 8,701\\ 103,116\\ 41,316\\ 90,839\\ 73,455\\ 35,568\\ 9,086\end{array}$	$\begin{array}{c} 2, 440, 142\\ 978, 709\\ 599, 893\\ 57, 560\\ 2, 200\\ 319, 056\\ 31, 441\\ 10, 439\\ 99, 233\\ 102, 124\\ 384, 585\end{array}$		6, 883, 399 2, 535, 039 2, 241, 278 151, 413 9, 492 132, 856	012, 300 10, 614, 179 6, 731, 522 5, 271, 983 634, 943 793, 188 117, 074 453, 188 1, 201, 501 1, 531, 837 2, 201, 073 1, 531, 837 2, 201, 070 169, 701 848, 317
Subway (other than buildings) Other classes <sup>12</sup>	22 7	63, 150, 134 897, 104	4, 826, 000 5, 031, 000 218, 000	20, 429, 974 180, 786	18, 176, 507 206, 363	5, 200	3, 587, 220 79, 549	349, 479 4, 806	132,704 188,718 15,595	340, 588 5, 261	553, 636 5, 426	1, 975, 022 11, 014	4, 176, 107 56, 406
Subcontractors. Carpentering and wood flooring Concreting. Electrical. Heating and plumbing. Heating and plumbing. Plumbing and heating combined Automatic sprinkler systems. Masonry Painting and decorating. Glass and glazing. Plastering and lakhing. Roofing and sheet-metal work. Roofing and sheet-metal com- bined.	58 3 55	$\begin{array}{c} 9, 340, 205\\ 84, 275, 694\\ 86, 224, 270\\ 21, 336, 697\\ 86, 892, 156\\ 81, 376, 797\\ 2, 069, 252\\ 47, 686, 616\\ 4, 072, 552\\ 1, 686, 060\\ 16, 147, 277\\ 12, 312, 021\\ 1, 523, 542\\ 12, 312, 021\\ 1, 533, 548\\ 13, 236, 051\\ 15, 797\\ 2, 516, 666\\ \end{array}$	$\begin{array}{c} 1, 318, 000\\ 914, 000\\ 927, 000\\ 560, 000\\ 4, 701, 000\\ 3, 317, 000\\ 1, 265, 000\\ 57, 000\\ 61, 000\\ 445, 000\\ 1, 730, 000\\ 1, 730, 000\\ 127, 000\\ 127, 000\\ 127, 000\\ 148, 000\\ \end{array}$	$\begin{array}{c} 3, 122, 441\\ 7, 026, 509\\ 14, 269, 619\\ 4, 517, 797\\ 22, 695, 315\\ 7, 996, 356\\ 01, 630\\ 12, 571, 252\\ 1, 062, 356\\ 12, 571, 252\\ 1, 062, 356\\ 12, 571, 252\\ 1, 062, 356\\ 12, 142, 021\\ 344, 539\\ 12, 142, 021\\ 3, 517, 675\\ 1, 299, 834\\ 1, 517, 438\\ \end{array}$	$\begin{array}{c} 2, 927, 180\\ 6, 760, 331\\ 13, 850, 310\\ 13, 760, 183\\ 43, 472, 588\\ 14, 271, 910\\ 25, 505, 884\\ 2, 021, 621\\ 950, 113\\ 6, 152, 808\\ 2, 508, 239\\ 770, 315\\ 3, 989, 026\\ 4, 004, 474\\ 2, 048, 423\\ 1, 930, 909\\ \end{array}$	49, 948 48, 408 153, 770 2, 680 497, 571 105, 381 11, 146 247, 540 73, 495 40, 245 175, 511 25, 337 79, 083 61, 057 24, 810 27, 810 8, 437	$\begin{array}{c} 21, 581, 194\\ 663, 887\\ 1, 200, 972\\ 2, 596, 368\\ 582, 273\\ 5, 620, 586\\ 2, 282, 222\\ 175, 638\\ 2, 760, 689\\ 302, 780\\ 104, 748\\ 807, 802\\ 807, 303\\ 128, 317\\ 1, 345, 025\\ 1, 699, 692\\ 467, 466\\ 301, 692\\ \end{array}$	$\begin{array}{r} 500\\ 192, 347\\ 4, 204\\ \hline 32, 039\\ 12, 063\\ 500\\ 15, 749\\ 3, 727\\ \hline 146, 383\\ 19, 471\\ 645\\ 49, 715\\ 4, 438\\ 786\\ \hline 3, 652\\ \end{array}$	00, 703 77, 372 287, 896 15, 076 027, 191 215, 337 14, 545 338, 080 50, 760 8, 460 49, 677 130, 800 87, 747 182, 049 80, 147 62, 705 39, 197	$\begin{array}{c} 844, 654\\ 20, 386\\ 61, 760\\ 85, 552\\ 4, 965\\ 211, 019\\ 70, 874\\ 2, 582\\ 118, 221\\ 118, 242\\ 118, 241\\ 13, 4519\\ 700\\ 61, 361\\ 34, 519\\ 700\\ 7, 071\\ 76, 125\\ 700\\ 7, 071\\ 16, 612\\ 17, 582\\ 40, 527\\ 16, 612\\ 17, 582\\ 40, 527\\ 16, 612\\ 17, 582\\ 40, 527\\ 16, 612\\ 17, 582\\ 40, 527\\ 16, 612\\ 17, 582\\ 17, 798\\ 10, 825\\ 10, 82$	$\begin{matrix} 107, 662\\ 1, 522\\ 10, 761\\ 25, 829\\ 648\\ 96, 724\\ 52, 318\\ 66, 724\\ 52, 318\\ 57, 900\\ 6, 216\\ 150\\ 2, 952\\ 655\\ 2772\\ 1, 424\\ 664\\ 660\\ 100\\ \end{matrix}$	$\begin{array}{c} 86, 886\\ 801, 569\\ 209, 169\\ 208, 784\\ 582, 302\\ 220, 122\\ 12, 427\\ 311, 228\\ 28, 716\\ 9, 809\\ 191, 867\\ 206, 915\\ 11, 657\\ 324, 189\\ 114, 657\\ 324, 189\\ 184, 926\\ 89, 474\\ 59, 407\\ \end{array}$	$\begin{array}{r} 490, 176\\ 588, 972\\ 1, 798, 428\\ 408, 985\\ 5, 630, 538\\ 1, 490, 952\\ 68, 771\\ 1, 772, 603\\ 260, 952\\ 98, 260, 952\\ 98, 260, 952\\ 150, 965\\ 483, 705\\ 1, 809, 752\\ 709, 362\\ 465, 907\\ \end{array}$
Steel erection Stonework Marble and tiling Wrecking Ornamental iron Highway and grading Soundproofing Foundation Metal work, n. e. s Flooring, n. e. s Other classes <sup>13</sup>	42 28 111 9 23 74 3 8	$\begin{array}{c} 18, 957, 766\\ 5, 748, 880\\ 23, 239, 944\\ 1, 041, 800\\ 10, 546, 442\\ 12, 363, 100\\ 856, 870\\ 581, 236\\ 19, 664, 117\\ 1, 497, 736\\ 2, 339, 492\\ 543, 962\\ \end{array}$	396,000 826,000 417,000 11,000 1,367,000 38,000 38,000 5,000 3,690,000 81,000 64,000 10,000	$\begin{array}{c} 3,422,350\\ 1,431,762\\ 7,854,571\\ 706,627\\ 4,194,693\\ 1,932,809\\ 215,163\\ 166,280\\ 5,748,899\\ 296,991\\ 738,900\\ 58,325\\ \end{array}$	$\begin{array}{c} 1,015,142\\ 11,480,406\\ 2,178,145\\ 9,650,148\\ \hline 878,537\\ 5,914,972\\ 208,427\\ 209,427\\ 302,879\\ 5,250,315\\ 850,012\\ 974,607\\ 192,547\\ \end{array}$	16, 600 15, 000 75, 155 12, 381 63, 921 4, 561 4, 200	892, 646 298, 915	62, 217 3, 691 12, 872 24, 358 375, 212 7, 925 17, 081 50, 532 1, 300 2, 633	$\begin{array}{c} 107,032\\ 51,310\\ 212,203\\ 7,472\\ 55,816\\ 127,099\\ 600\\ 7,001\\ 77,592\\ 24,079\\ 27,859\\ 4,492 \end{array}$	$\begin{array}{c} 47,798\\ 34,302\\ 62,839\\ 4,067\\ 29,310\\ 41,407\\ 263\\ 225\\ 10,926\\ 979\\ 5,176\\ 1,087\\ \end{array}$	25 626 5, 486 6, 953 218 305 12, 532 206 482	465, 681 69, 114 148, 004 60, 461 383, 152 128, 946 13, 062	$\begin{array}{c} 194, 483\\ 1,007,692\\ 422,417\\ 1,588,030\\ 40,969\\ 1,559,617\\ 733,020\\ 62,702\\ 15,805\\ 2,278,844\\ 119,276\\ 103,754\\ 184,309 \end{array}$
BRONX BOROUGH	249	48, 037, 228		12, 758, 029	15, 315, 458	99, 506	2, 759, 542	274, 604	292, 542	324, 467	171, 833		8, 422, 240
Operative builders Building not specialized Residential building only Street paving and highway Sewer, gas, water, conduit Foundation Other classes <sup>14</sup> See footnotes at end of table.	3 44 28 21 7 7 3 3 3	$1,852,555\\18,171,650\\7,043,933\\5,696,398\\1,347,535\\3,232,996\\621,310\\585,740\\6,087,671$	1,722,000 $5,711,000$ $4,520,000$ $3,411,000$ $1,109,000$ $487,000$ $19,000$ $86,000$ $599,000$	27, 136 4, 091, 707 781, 977 708, 365 73, 612 936, 548 301, 900 219, 641 1, 851, 641	3, 520, 533 998, 760 943, 406 55, 354 864, 703 154, 686 117, 619 1, 384, 765		27, 456 780, 094 247, 479 214, 557 32, 922 -221, 565 49, 907 61, 653 199, 490	143, 605 23, 374 23, 374 30, 341 3, 914 10, 533 75, 443	1,020 58,059 23,666 21,846 1,820 28,899 1,920 3,574	30, 045 - 190, 869 59, 920 17, 437 42, 483 32, 857 5, 144 6, 050 86, 898	156, 858 41, 297 41, 267 30 25, 064 20, 064 70, 433	7, 278 368, 872 45, 050 42, 700 2, 350 66, 946 18, 289 12, 064 231, 523	10, 751 95, 601 80, 577 15, 024 520, 710 49, 692 66, 942 891, 530

See footnotes at end of table.

.

## TABLE 8.--EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929-Continued

			PRINCIPAL	ITEMS OF TURE	EXPENDI-			OTHEI	R ITEMS C	OF EXPEN	DITURE		
	Estab- lish-	Value of construc-				Salı	aries	Rent	for—			Comment	
CLASSIFICATION OF ESTABLISH- MENTS	ments report- ing	tion business reported	Subcon- tract work let	Wages paid	Cost of mate- rials	Proprie- tors and firm mem- bers	Employ- ees	Equip- ment	Offices, etc.	Interest	Con- tract bond pre- miums	Compen- sation and liability insurance pre- miums	overhead
BRONX BOROUGH—Continued Subcontractors. Carpentering and wood flooring Concreting. Electrical. Heating and plumbing. Heating and pipe covering Plumbing and heating combined Masonry Painting and decorating. Plastering and lathing. Roofing and sheet-metal work	6 8 47 9 30 8 12 5 8	519, 988 2, 993, 136 231, 097 511, 437 2, 575, 075	$\begin{array}{c} 17,000\\ \hline 253,000\\ 210,000\\ 42,000\\ 1,000\\ 60,000\\ 3,000\\ 46,000\\ 244,000\end{array}$	1, 388, 079 84, 267 198, 512 681, 561	781, 349260, 557249, 5452, 316, 646483, 4681, 608, 326224, 8521, 208, 40084, 045161, 289990, 030	15, 365 15, 105 6, 006 10, 323 5, 687	70, 962 47, 658 35, 630 279, 977 28, 595 220, 458 30, 924 149, 937 12, 437 38, 360	Dollars 130, 999 200 12, 702 3, 017 1, 795 1, 222 35, 981 1, 585	$\begin{array}{c} 9,432\\ 5,119\\ 10,845\\ 35,905\\ 9,285\\ 21,909\\ 4,621\\ 4,236\\ 3,360\\ 1,300\\ 30,378\end{array}$	7,056 4,053 884 11,220 4,078 6,290 852 28,443 201 199 11,158	2, 379 3, 855 595	18, 832 3, 003 49, 235 4, 215 5, 433 30, 968	00, 761 17, 904 62, 388 203, 953 40, 556 124, 723 38, 674 73, 511 15, 433 12, 127 217, 907
Roofing and sheet-metal work. Roofing. Sheet-metal work Roofing and sheet metal com- bined. Steel creetion. Stonework. Marble and tiling. Excavating. Ornamental iron. Metal work, n. e. s. <sup>16</sup> . Flooring, n. e. s Other classes <sup>16</sup> .	0 10 0 8 6 21 6 28 28 4 5 4 4 5 4	741, 536 4, 101, 744 1, 590, 991	142,000 72,000 90,000 143,000 163,000 65,000	155, 251 250, 060 155, 066	258, 926 697, 068 305, 779 1, 636, 418 108, 044 1, 342, 800 1, 212, 767 248, 264		91, 275 125, 109 26, 770 288, 504 82, 383 402, 920 40, 893 38, 402	3, 148	17,600 25,276	7,862 1,377 4,945 4,721 7,529 10,983 8,903 525 1,204	85  6, 403 123	19, 371 7, 681 18, 147 8, 885 26, 347	134, 117 54, 011 159, 744 30, 845 288, 823 325, 105 252, 599 19, 704 17, 938
BROOKLYN BOROUGH		76, 316, 149				376, 524	3, 874, 080	158, 833	418, 280	487, 675	282, 140		3, 691, 256
Operative builders General contractors Building not specialized Commercial building only Residential building only Street paving Dredging, river, harbor, etc Railroad '' Other classes <sup>18</sup>	91 72 42 11 19 5 3 5	33, 686, 676 26, 160, 495 21, 905, 933 1, 360, 366 2, 888, 106 1, 935, 562 385, 680 2, 794, 246	$\begin{array}{c} 13, 406, 000 \\ 10, 799, 000 \\ 694, 000 \\ 1, 913, 000 \\ 302, 000 \\ 7 000 \end{array}$	4, 357, 171 221, 527 130, 072 511, 585 148, 211	$\begin{array}{c} 6,550,782\\ 4,003,904\\ 3,496,187\\ 278,168\\ 220,549\\ 699,255\\ 54,691\\ 695,608\end{array}$	29, 786 13, 500 7, 845	733, 858 88, 975 105, 372 203, 565 32, 571 249, 327	500 102, 602 53, 822 52, 765 120 28, 369 1, 694 5, 012 13, 705	7, 206 97, 124 61, 832 39, 773 12, 627 9, 432 8, 917 5, 089 7, 310 13, 976	5, 595 132, 492 4, 032 2, 467	113, 749 400	8, 219 362, 205 235, 724 207, 636 16, 024 12, 064 17, 782 6, 010 59, 640 43, 049	65, 669 94, 056 34, 516
Subcontractors Carpentering and wood flooring Electrical	291 9 13 3 106 31 64 11 13 18 6 34 9 13	$\begin{array}{c} 940, 111\\ 1, 429, 956\\ 4, 888, 495\\ 12, 060, 909\\ 3, 925, 065\\ 7, 416, 861\\ 724, 983\\ 1, 085, 557\\ 1, 012, 273\\ 1, 172, 799\\ 3, 794, 781\\ 576, 462\end{array}$	91,000 285,000 39,000 4,000 51,000 70,000 100,000 13,000	366, 623 445, 905 714, 235 2, 646, 813 714, 072 1, 754, 767 177, 974 814, 591 479, 981 767, 991 1, 075, 182	593, 071 3, 208, 986 6, 655, 636 2, 163, 496 4, 120, 032 372, 108 382, 901 214, 902 216, 838 1, 686, 956 222, 221	42, 646 45, 692 17, 355 13, 545 28, 960	$\begin{array}{c} 85,316\\ 164,204\\ 56,555\\ 702,057\\ 221,447\\ 429,834\\ 50,776\\ 15,179\\ 81,584\\ 16,583\\ 330,328\end{array}$	4, 280	57, 844 7, 645 4, 114 10, 739 1, 688 39, 605	2, 392 63, 075 42, 158 18, 839 2, 078 5, 808 4, 806 2, 156 10, 755 875	17, 073 0, 610 11, 088 275 10	365, 549 11, 201 15, 324 30, 020 82, 208 23, 669 51, 204 7, 395 10, 130 17, 370 0, 374 52, 658 10, 899 24, 472	54,039 91,220 38,691 704,783 342,291 310,455 52,017 15,502 48,265 23,319 294,612 39,372
Steel erection	12 16 10 80 4 21 3 5	1, 969, 529 1, 994, 439 3, 723, 844 310, 388 2, 101, 882	82,000	1, 259, 180 106, 101 345, 896	1, 495, 693 20, 138 1, 126, 132	46, 487 12, 381 23, 582 4, 561	$127, 486 \\ 143, 718 \\ 124, 740 \\ 259, 459 \\ 24, 170 \\ 213, 980 \\ 17, 584 \\ 41, 882 \\ \end{array}$	52 5, 080 543 11, 012 1, 000 1, 300 1, 400	13, 490 43, 413 9, 000	9,750 17,913 171 14,055 426	210	17, 287 29, 828 15, 230 40, 836 9, 068 20, 034 4, 756 8, 377	103, 786 142, 756 19, 101
MANHATTAN BOROUGH	80		, .	169, 620, 852 686, 018			37, 210, 375 419, 225	2, 181, 8ŏ6 6, 978	3, 171, 673 56, 796		1, 513, 468	8, 064, 581	27, 337, 963 397, 902
General contractors. Building. Building not specialized. Commercial building only. Residential building only. Bridge and culvert. Street paving. Sewer, gas, water, conduit. Waterworks. Dredging, river, harbor, etc. Railroad. Contral station, light and power plant. Subway (other than buildings).	414 345 230 68 47 3 8 4 4 8 11 6	408, 275, 148 335, 263, 660 300, 981, 579 10, 972, 546 17, 309, 535 9, 428, 057 9, 428, 057 9, 456, 229 5, 519, 933 19, 662, 968 14, 605, 754 3, 858, 180	226, 281, 000 (210, 474, 000 190, 541, 000 8, 825, 000 11, 108, 000 2, 025, 000 1, 027, 000 849, 000 1, 689, 000 679, 000	89, 278, 351 49, 455, 726 44, 203, 802 3, 078, 368 2, 088, 556 2, 584, 019 2, 220, 955 2, 073, 111 5, 812, 253 4, 203, 577 1, 105, 830	80, 902, 852 87, 740, 011 33, 678, 128 2, 356, 250 1, 705, 633 2, 304, 194 2, 760, 908 1, 472, 631 7, 664, 416 4, 677, 590 900, 836	221, 233 221, 233 198, 608 5, 200 17, 425	21, 411, 110 14, 218, 946 12, 253, 184 1, 307, 530 658, 223 234, 138 416, 074 540, 079 1, 352, 848 718, 289 258, 475	$\begin{array}{c} 1,427,456\\ 552,612\\ 523,798\\ 12,212\\ 16,602\\ 10,322\\ 64,588\\ 52,371\\ 80,420\\ 300,369\\ 12,591 \end{array}$	$\begin{array}{c} \textbf{1, 577, 667} \\ \textbf{1, 005, 887} \\ \textbf{808, 126} \\ \textbf{138, 069} \\ \textbf{59, 699} \\ \textbf{67, 455} \\ \textbf{33, 296} \\ \textbf{74, 102} \\ \textbf{55, 619} \\ \textbf{33, 528} \end{array}$	$\begin{array}{c} 1,808,129\\629,796\\462,783\\47,045\\110,968\\2,029\\55,545\\65,650\\380,327\\41,866\\2,647\end{array}$	$\begin{array}{c} \textbf{1, 394, 436} \\ \textbf{447, 954} \\ \textbf{410, 808} \\ \textbf{7, 066} \\ \textbf{30, 080} \\ \textbf{15, 141} \\ \textbf{79, 317} \\ \textbf{20, 981} \\ \textbf{299, 396} \\ \textbf{77, 980} \\ \textbf{32, 605} \end{array}$	4, 974, 406 2, 183, 805 1, 950, 809 123, 881 109, 205 153, 007 102, 136 53, 278 546, 951 229, 923 66, 269	14, 688, 412 5, 675, 522 4, 480, 585 517, 503 571, 374 423, 131 948, 177 740, 574 1, 509, 738 1, 699, 849 220, 082
plant Subway (other than buildings) Other classes <sup>20</sup>	8 16 5	21, 415, 465 46, 882, 336	4, 781, 000 3, 481, 000 344, 000	5, 966, 483 15, 348, 862 412, 535	8, 218, 761		672, 923 2, 875, 140 124, 198	47, 130 171, 227 129, 826	131, 924 151, 116 17, 141	179,015	8, 164 399, 293 13, 605	153, 232 1, 469, 474 16, 181	836, 989 2, 661, 265 73, 085
Subcontractors Carpentering and woodflooring Concreting Electrical Heating and plumbing Heating and plumbing Plumbing Plumbing and heating combined Automatic sprinkler systems See footnotes at end of table	765 28 39 108 11 230 59 3 136 29 3	$\begin{array}{c} 232,035,697\\ 4,214,736\\ 16,158,918\\ 28,651,586\\ 15,360,962\\ 60,422,787\\ 24,321,294\\ 1,952,545\\ 30,651,768\\ 1,810,211 \end{array}$	13, 655, 000 483, 000 90, 000 537, 000 3, 905, 000 3, 904, 000 831, 000 61, 000	112,030 79,661,483 1,457,286 6,173,690 11,601,331 3,404,202 16,068,044 6,068,044 6,71 8,742,862 471,424 403,721	90, 967, 913 1, 173, 746 6, 017, 782 10, 901, 398 9, 392, 565 28, 900, 911 10, 360, 238 673, 053 16, 080, 394 836, 213 950, 113,	742,588308,81940,908108,8302,680233,20748,5425,000	15, 380, 040 373, 526 1, 031, 269 2, 178, 325 498, 705 4, 046, 451 1, 889, 758 1, 889, 758 1, 700, 330 183, 542	747, 422 173, 566 3, 964 21, 175 8, 600 500 9, 570	1, 537, 210 55, 795 64, 081 237, 203 15, 676 430, 965 158, 967 13, 345	513, 262 8, 146 56, 348 81, 079 4, 965 101, 484 27, 192 2, 282 64, 178 7, 132	108,9832079,74825,41264849,05324,5545019,792	3, 021, 512 44, 118	12, 251, 559 254, 138

See footnotes at end of table.

11/10

#### TABLE S.-EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929-Continued

		······································	PRINCIPAL	ITEMS OF TURE	EXPENDI-		· ·	OTHER	ITEMS O	F EXPENI	DITURE	· · · · · · · · · · · · · · · · · · ·	
	Estab- lish-	Value of construc-	 			Sal	aries	Rent	for			G	<u>_</u>
CLASSIFICATION OF ESTABLISH- MENTS	ments report- ing	tion business reported	Subcon- tract work let	Wages paid	Cost of mate- rials	Proprie- tors and firm mem- bers	Employ- ees	Equip- ment	Offices, etc.	Interest	Con- tract bond pre- miums	Compen- sation and liability insurance pre- miums	All other overhead expenses
MANHATTAN BOROUGH- Continued													
	26 110 10 44 36	Dollars 11, 533, 267 11, 068, 651 1, 090, 909 18, 573, 530 5, 438, 100 3, 797, 860 938, 302	$ \begin{array}{c} Dollars \\ 381,000 \\ 357,000 \\ 4,000 \\ 1,519,000 \\ 220,000 \\ 220,000 \end{array} $	1.284.402	Dollars 4, 315, 269 2, 209, 202 550, 034 3, 429, 898 1, 754, 850 1, 900, 485	Dollars 11, 700 140, 545 25, 337 57, 145 13, 550	803, 372 88, 097 1, 256, 223 986, 556	Dollars 85, 190 19, 471 545 43, 145 1, 940	27,940 81,501 91,140	Dollars 26, 917 29, 422 5, 852 74, 326 15, 017	Dollars 2, 942 632 272 727	185, 330 8, 345 807, 201 83, 529	Dollars 547, 337 692, 057 96, 951 411, 190 646, 292
Roofing Sheet-metal work	13 12			791, 684 261, 769	234,402	5, 200 5, 600		140	57, 826 20, 563	12, 275 2, 066	172 510	65, 606 7, 506	479, 639 129, 636
Subcontractors—Continued. Masonry. Painting and decorating Glass and glazing. Plastering and lathing Roofing and sheet-metal work Roofing and sheet metal com- bined Steel erection Stonework Marble and tiling Wrecking	11 12 9 43 8 9 25 8 6 5 3	$\begin{array}{c} 701, 929\\ 13, 934, 429\\ 1, 709, 028\\ 10, 233, 465\\ 991, 800\\ 8, 016, 298\\ 2, 536, 345\\ 581, 236\\ 19, 397, 529\\ 1, 562, 990\\ 560, 125\\ \end{array}$	47,000 11,000 1,189,000 190,000 5,000	$\begin{array}{c} 230, 949\\ 2, 539, 826\\ 364, 433\\ 3, 721, 289\\ 692, 577\\ 3, 139, 876\\ 434, 670\\ 166, 280\\ 5, 705, 142\\ 505, 969\\ 82, 151\end{array}$	976, 612 4, 024, 097 750, 355 1, 119, 426 302, 370 5, 180, 047 667, 933	28, 068 29, 039	$\begin{array}{c} 741,503\\91,075\\837,531\\251,308\\67,113\\740,598\\105,523\end{array}$	52, 165 6, 272 24, 158 257, 841 5, 925 50, 532 1, 533	7,352 41,362 53,727 7,001 75,642	26, 274 3, 763 13, 804 10, 884 225 10, 460 3, 878	95	378, 489 20, 182 62, 112 56, 711 321, 452 31, 474 6, 250 300, 510 14, 174	707, 190 29, 821 867, 268 290, 626 15, 805 2, 268, 646
QUEENS BOROUGH	208	58, 567, 434	·····	14, 511, 283		151, 570							3, 462, 822
Operative builders General contractors Building not specialized Commercial building only Residential building only Highway and street paving Sawer, gas, water, conduit Subway (other than buildings) Other classes <sup>22</sup>	8   ro	2, 785, 030 19, 634, 116 6, 797, 784 4, 099, 166 1, 257, 285 1, 441, 333 2, 162, 397 2, 005, 575 7, 462, 921 1, 205, 439	$\begin{array}{c} 1,\ 575,\ 000\\ 309,\ 000\\ 038,\ 000\\ 205,\ 000\\ 151,\ 000\\ 672,\ 000 \end{array}$	5, 228, 221 1, 217, 519 828, 785 237, 878 150, 856 631, 009 436, 304 2, 814, 033	363,488 307,830 754,834 801,520 1,894,052	26, 789 5, 200 3, 900 17, 689	640 001	249, 460 7, 631 5, 458 2, 178 20, 246 110, 974 102, 809	9, 395 4, 031 7, 552 4, 400 29, 860	$\begin{array}{c} 155,843\\ 52,988\\ 26,676\\ 4,860\\ 21,452\\ 16,098\\ 8,553\\ 74,075\end{array}$	500 70, 877 12, 657 12, 657 11, 558 8, 785 34, 651 3, 226	$\begin{array}{c} 390,  595\\ 62,  589\\ 44,  674\\ 10,  600\\ 7,  309\\ 37,  601\\ 41,  990\\ 235,  648\end{array}$	245, 561 99, 027 49, 476 97, 058 151, 748 177, 681 408, 369
Subcontractors. Carpontering and woodflooring Concreting. Electrical. Heating and plumbing Heating and pipe covering. Plumbing. Plumbing and heating com- bined.	139 $11$	30, 148, 288 1, 845, 969 1, 148, 383 5, 423, 207 9, 576, 563 2, 107, 264 6, 673, 100	12,000 101,000	129, 356 9, 198, 211 389, 222 484, 130 1, 891, 001 2, 032, 729 386, 461 1, 454, 550	$\begin{array}{c} 10,025,542\\ 661,627\\ 453,442\\ 1,070,296\\ 5,373,380\\ 1,314,715\\ 3,579,444 \end{array}$	124, 781 2, 600 7, 500 12, 200 55, 230	$1,948,723 \\134,034 \\112,945 \\210,349 \\582,805 \\150,487 \\$	4, 819	$\begin{array}{c} 208,541\\ 16,668\\ 5,772\\ 18,687\\ 51,839\\ 6,684\\ 42,851\end{array}$	88, 503 3, 928 1, 059 627 34, 788 3, 746 27, 562	23, 592 800 22, 035 18, 775	267, 747 12, 377 27, 633 5, 034 602, 240 11, 317 44, 407	2, 268, 390 121, 238 50, 162 354, 427 462, 295 109, 111
bined Masonry. Plastering and lathing Roofing and sheet-metal work Sheet-metal work. Steel erection. Stone work. Marble and tiling Excevating. Ornamental iron Highway and grading Metal work, n. e. S Other classes <sup>33</sup>	4 13 6 7 6 3 17 4 5 3 3	$\begin{array}{c} 796, 109\\ 535, 317\\ 922, 757\\ 1, 428, 055\\ 742, 086\\ 685, 369\\ 1, 679, 513\\ 1, 303, 877\\ 5, 180, 591\\ 028, 765\\ 4, 581, 083\\ 866, 870\\ 646, 870\\ 610, 088\\ 423, 950\\ \end{array}$	$\begin{array}{r} 42,000\\ 175,000\\ 78,000\\ 145,000\\ 15,000\\ 460,000\\ 38,000\\ 12,000\end{array}$	101, 709 207, 405 400, 229 476, 530, 230, 076 240, 454 228, 841 543, 408 1, 359, 880 227, 527 423, 881 215, 168 118, 725 109, 495	246, 238 181, 000 562, 638 324, 713 237, 925 730, 762 259, 229 2, 503, 040 	10, 140 15, 600	44, 502 33, 859 113, 757 56, 339 57, 418 101, 085	705 1, 800 1, 800 4, 272	20, 926 5, 627 15, 299	3, 597 1, 543 2, 054 14, 278 5, 208	187	5, 621 5, 131 17, 771 9, 053	47, 362 3, 839 37, 159 110, 941 60, 572 50, 360 103, 475 167, 914 288, 005 243, 358 47, 039 62, 792 73, 273 82, 473
RICHMOND BOROUGH General contractors Building not specialized Residential building only Street paving Dredging, river, harbor, etc Other classes <sup>24</sup> Subcontractors <sup>26</sup>	11 5 6 5 4 4	$5,071,803\\1,325,590\\913,103\\412,487\\1,485,768\\1,771,264\\489,181$	705,000 621,000 422,000 199,000 15,000 69,000	1, 155, 981 171, 145 114, 475 56, 670 406, 218 422, 878 155, 745	227, 595 106, 959 014, 138 45, 852 179, 053	15,400 10,200 5,200 5,000 5,000	$\begin{array}{r} 257,777\\76,490\\54,770\\21,720\\76,500\\68,972\\35,815\end{array}$	51, 664 300 300 38, 687 6, 339 6, 338	20, 649 18, 157 970 970 2, 453 11, 219 3, 515 2, 492	21, 774 6, 273 3, 612 2, 661 6, 184 2, 696 6, 621	14, 154 13, 120 105 80 25 9, 758 324 2, 933 1, 034	787, 321 7, 781	790, 162 41, 549 25, 873
ROCHESTER		508, 795 24, 572, 442	14, 000 4, 147, 000	130, 617 7, 513, 859	266, 915 9, 287, 833	3, 120	23, 030	145, 746	2, 492	1, 922 111, 176	76,540	372, 038	entri -
General contractors. Building. Building not specialized Residential building only Highway. Street paving Other classes <sup>26</sup>	53 38 31 7	$\begin{array}{r} 24, 512, 442\\ \hline 18, 328, 231\\ 14, 014, 102\\ 13, 355, 711\\ 658, 391\\ 1, 214, 391\\ 2, 693, 223\\ 406, 515\end{array}$	3, 860, 000 3, 780, 000 3, 565, 000 215, 000 48, 000 9, 000 23, 000	7, 513, 305 5, 511, 481 3, 908, 062 3, 893, 781 104, 281 471, 166 936, 000 106, 253	6, 022, 646 4, 472, 564 4, 250, 792 221, 772 393, 797 1, 043, 208 113, 077	54, 870 54, 870 39, 487 15, 383		142, 583 100, 646 100, 591 55 9, 024 32, 903 10	41, 874 30, 442 28, 276 2, 166 6, 590 4, 542 300	70, 998 31, 017 27, 929	56,959 9,828 9,805 23 14,687 18,488 13,956	293, 140 207, 270 202, 804 4, 966 26, 905 48, 593 10, 372	767, 828 337, 731 310, 391 27, 340 155, 956 208, 085 66, 056
Subcontractors Carpentering and woodflooring Electrical. Heating and plumbing Heating and pipe covering Plumbing and heating com-	14	$\begin{array}{c} 7,244,211\\ 333,392\\ 1,260,060\\ 3,073,262\\ 1,401,064\\ 1,043,570 \end{array}$	287, 000 50, 000 153, 000 40, 000 94, 000	2, 001, 878 70, 274 376, 240 757, 782 354, 125 233, 092	$\substack{\substack{3,265,187\\148,182\\622,464\\1,429,371\\705,655\\523,467}$	97, 068 18, 240 44, 369 17, 500 2, 660	109, 327 238, 747 125, 509 59, 514	3, 163	68, 571 2, 550 18, 992 25, 059 3, 527 12, 283	40, 178 1, 200 6, 674 18, 830 7, 074 7, 359	19, 581 7, 664 5, 739 991 765	5, 559	96, 146
Heating and pipe covering Plumbing and heating com- bined Painting and decorating Roofing and sheet metal work Roofing. Sheet metal work Steel erection Marble, tiling, and plastering Other classes "		538, 628 312, 924 819, 142 385, 174 433, 968 427, 065 767, 402 250, 964	6,000	170, 565 171, 406 222, 465 90, 659 131, 806 104, 081 215, 752 83, 878	200, 249 61, 938 345, 154 160, 106 185, 048 211, 287 362, 542 84, 249	24, 209 16, 219 4, 680 4, 680 11, 440 3, 120	13, 560 104, 785 48, 965 55, 820	73 2, 653 437	9, 249 1, 345 10, 647 7, 347 3, 300 6, 502 3, 476	4, 397 679 3, 880 3, 256 624 3, 000 5, 015 900	3, 983 5, 152 291 291 126 609	5,547 5,635 12,890 6,257 6,631 17,395 3,470 4,256	88, 129 18, 703 95, 295. 62, 865 32, 430 13, 565 45, 153 9, 815

#### TABLE S.-EXPENDITURES OF REPORTING ESTABLISHMENTS: 1929-Continued

			PRINCIPAL	ITEMS OF TURE	EXPENDI-			OTHER	ITEMS C	F EXPENI	DITURE		-
CLASSIFICATION OF ESTABLISH- MENTS	Estab- lish- ments report- ing	Value of construc- tion business reported	Subcon- tract work let	Wages paid	Cost of mate- rials	Sale Proprie- tors and firm mem-	aries Employ- ees	Rent Equip- ment	for- Offices, etc.	Interest	Con- tract bond pre- miums	Compen- sation and liability insurance pre- miums	All other overhead expenses
		Dollars	Dollars	Dollars	Dollars	bers Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars 201, 847	Dollars 1, 013, 563
SYRACUSE		15, 652, 133 9, 928, 062	2, 552, 000	3, 954, 153 2, 440, 187	5, 529, 233		624, 336	47,116	66, 777 23, 084	99,656 71,215 21,715		149, 374	664, 320
General contractors Building Highway Street paving Other classes <sup>38</sup>		5,098,806 1,688,028 1,181,875	1,804,000 140,000 83,000 406,000	1, 188, 292 422, 838 306, 433 522, 624	1, 395, 923 572, 393 574, 671 362, 025		94, 768 86, 174 109, 691	11, 810 13, 017 20, 251	9,602 3,520 3,868 6,094	18, 469 10, 351 20, 680	8, 427 12, 795 21, 015	23, 206 16, 773 44, 804	225, 912 85, 070 245, 093
Subcontractors Electrical Heating and plumbing Plumbing and plumbing Plumbing and heating com- bined Roofing and sheet-metal work Roofing Sheet-metal work Steel erection Marble, tiling, and plastering Other classes <sup>30</sup>	55 5 26 7 16	634, 795 1, 922, 038 276, 767	119,000 11,000 1,000	1, 513, 966 194, 373 389, 446 50, 152 236, 532	$\begin{array}{c} 2,624,221\\ 300,511\\ 1,044,417\\ 153,045\\ 652,753\end{array}$	85,135 6,240	490, 858 62, 109 132, 920 23, 501 63, 719	2, 305	43, 693 5, 675 23, 655 2, 970 11, 253	2,204 6,062 1,691	1, 421 742	3,832 12,100 1,662	39, 367 92, 133 15, 628
Plumbing and heating com- bined Roofing and sheet-metal work Sheet-metal work	3 8 5	729, 682 406, 688 322, 994	3,000	183, 412 86, 904 96, 508	238, 619 335, 363 155, 740 179, 623 360, 636	6, 532 6, 532	45, 700 55, 302 38, 841 16, 461		9,432 7,194 6,234 960	2,710 2,029 687	26	6,276 3,313	80, 651
Steel erection Marble, tiling, and plastering Other classes <sup>10</sup>	35	685,244 1,076,694	81,000	97,288 473,109	296, 265	2,600	92, 312 91, 371 56, 844		<u></u>	8, 209 4, 214	924	1.1	54, 958 42, 008
UTICA				1, 638, 737		18,645	305,960	1,704	21, 22	24, 873	27, 292	58,443	186, 480
Street paving and highway	- 15	2,500,504 2,061,011	11	738, 764 649, 088	904, 058 1, 005, 233	17,045 1,600	153, 624		14,888	10, 222	16, 314	1 19,050	79,036
Subcontractors. Heating and plumbing. Heating and plumbing. Flumbing and heating com- bined. Roofing. Steel eroction <sup>80</sup> . Other classes <sup>81</sup> .		1, 104, 812 816, 767		243, 173 148, 519	635, 318 499, 938	2,600	72, 405 38, 534		7, 920 4, 800 3, 120	10,402 8,385 2,017	3, 43( 3, 03( 394	5, 194 3 3, 109 4 2, 080	79,044 59,995 19,049
Roofing Steel erection <sup>20</sup> Other classes <sup>31</sup>	- 4 - 4 - 7	226, 146 430, 704	21,000	38, 660 92, 963 176, 083	114,853 241,688		23, 283		1, 270 2, 580 8, 350	0 4,030 0 4,105 1 1,788		3, 933	18,479
YONKERS						·	·	· · · · · · · · · · · · · · · · · · ·					7 199, 421
General contractors <sup>7</sup> Building Building not specialized <sup>7</sup> Residential building only Other classes <sup>39</sup>	- 24 - 20 - 10 - 10 - 4	) 3, 334, 412 ) 2, 590, 402 ) 744, 010	$\begin{array}{c} 1, 533, 000 \\ 1, 451, 000 \\ 1, 253, 000 \\ 198, 000 \\ 82, 000 \end{array}$	739, 024 534, 490 204, 534	720, 744 480, 101 240, 648	28, 738 10, 000 18, 738	184,861 125,756		11,850 8,670 3,180	31,650 23,927	5.00	3 35, 980 3 25, 240 10, 731	73, 256 5 38, 305
Subcontractors. Heating and plumbing Heating and pipe covering Plumbing Roofing and sheet-metal work Roofing		3 3, 791, 683 1, 341, 043 7 1, 108, 619 142, 424	190,000 77,000 77,000	388,418 337,303 51,115	650, 468 595, 918 54, 550	5 31, 100 5 16, 900 14, 200	) 79,807 ) 75,369 ) 4,438	1,200 1,200	9,53 5,99 3,54	5,017 5,4,649 369	1, 32 1, 32	1 12,39 1 9,28 3,11	2 52,017 2 47,717 0 4,300
SHUGL-HIGLAL WULK	- 4	436, 197           5         311, 610           3         124, 587	8,000 2,000	) 78,874 30,993	111, 27	5 <b>3, 90</b> 0	1 38 239	879	4.50	2 2, 771 2 2, 771 0 800	       	6, 38 1, 76 3, 34	7 26,724 4 4,859
Steel erection Stonework and concreting	- 8	3 323, 189 3 641, 82 3 201, 500 9 847, 927	2,000	191,160	5 295,720 5 57,60	3 5, 050 )	27,82	5, 200	2, 31 4, 18	2 18 0 4,30	1, 26	5,10 0 5,40	83,091 0 15,700
<sup>1</sup> Includes air transport work; r <sup>2</sup> Includes sewer, gas, water, co <sup>3</sup> Includes bridge and culvert; s <sup>4</sup> Includes cutometic torport	efuse dis nduit; w ewer, ga	sposal plant; vaterworks; d is, water, con	telephone li Iredging, riv duit; dredgi	ne and syst er, harbor, e ng, river, h	em; and rad atc.; and ren arbor, etc.;	lio tower, atal of equ and centra	etc. ipment, tr il station, l	ucking, et ight and p	te. power pla	nt.			
<ul> <li>Includes flooring, n. e. s.</li> <li>Includes concreting; electrical;</li> <li>Includes operative builders.</li> </ul>	marble	and tiling; a	nd grading.										
<ul> <li>Includes dredging, river, harb</li> <li>Includes ornamental iron.</li> <li>Includes pipe covering; and a</li> </ul>	or, etc.; utomati	railroad; and le temperatu	l central stat re control.	tion, light a	nd power p	lant.							
<ul> <li><sup>11</sup> Includes highway; sewer, gas</li> <li><sup>12</sup> Includes grading; dam and re</li> <li><sup>13</sup> Includes sewer, gas, water, construction</li> <li><sup>14</sup> Includes subway (other than</li> <li><sup>14</sup> Includes advector construction</li> </ul>	, water, servoir; nduit; v buildin	conduit; fou refuse dispos vaterworks; g); and centr	ndation; and sal plant; an and dredgin al station, li	l flooring, n d radio tow g, river, har ght and po	. e. s. er, etc. bor, etc. wer plant.								
<sup>16</sup> Includes glass and glazing; at <sup>17</sup> Includes bridge and culvert; <sup>13</sup> Includes grading; sewer, gas,	id found and sub water, o	lation. way (other t conduit; wate	han buildin prworks; fou	g). ndation.									la se ta Comencia
<ol> <li><sup>19</sup> Includes concreting; glass an:</li> <li><sup>20</sup> Includes highway; dam and redgi</li> <li><sup>21</sup> Includes waterworks; dredgi</li> <li><sup>22</sup> Includes dredging, river, har</li> </ol>	d glazing reservoir ng, river bor, etc.	;; wrecking; ;; foundation ;, harbor, etc ; foundation	and foundat ; and radio f ; and metal ; central star duit: founda	ton. tower, etc. work, n. e. tion, light a	s. nd power p	lant; and	refuse disp	osal plan	t.	*	i prose	n an an an Carl an Anna An An Anna An	lation ang Alexan ang
<ul> <li><sup>33</sup> Includes glass and glazing; at <sup>34</sup> Includes class and reservoir; <sup>35</sup> Includes electrical; plumbing <sup>36</sup> Includes bridge and culvert; <sup>37</sup> Includes elevator constructio</li> </ul>	waterwo g; and p and sew n; maso	orks; and ref lumbing and ver, gas, wate nry; and floo	use disposal heating con r, conduit. oring, n. e. s	plant. nbined.									
Other classes **	water, o codfloor n; and o codfloor	conduit; and ing; concreti ornamental i ing; electrica	waterworks ng; painting ron. l; painting a	and decore	nting; ornar ing; marble	nental iro and tiling	n; metal w g; and exce	ork, n. e. wating.	s.; floori	ng, n. e. s	; and gra	uding.	uteu tua Ea Alta tua Alta tua
<sup>34</sup> Includes highway; and sewer <sup>33</sup> Includes carpentering and we	r, gas, w oodfloori	ing; electrica	l; painting a	and decorat	ing; glass a	nd glazing	; marble a	nd tiling;	ornamer	ital iron;	and meta	i work. n.	e. s.
•													

#### TABLE 9.—COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, BY KIND

	COST	OF M	ATERIAL	S REPORTED	вч—		COST	OF MA	TERIALS	REPORTED	ву—
	All classes		ablish-			- -	All classes		ablish-		
KIND OF MATERIAL	m	ents		General		KIND OF MATERIAL	ш. 	ents		General	
		-sib Toi	Per \$1,000 construction work done <sup>1</sup>	contrac- tors 2	Subcon- tractors			Per centdis- tribution	Per \$1,000 construction work done <sup>1</sup>	contrac- tors <sup>2</sup>	Subcon- tractors
en ander ander de la Maria. Antes de la Companya	Amount	Percent dis- tribution	r \$ astru ork d				Amount	r cen	r \$ ustru vrk d		
······································		Pe	Pe						4 8 Pe		
NEW YORK	Dollars		Dolls.	Dollars	Dollars	ALBANY-Continued					
All kinds of material Distribution not reported	363, 751, 065 98, 413, 237	27.1	387.75	177, 358, 844	186, 392, 221 30, 660, 152	All kinds of material—Continued. Distributed by kind—Continued.					-
Distributed by kind	265, 337, 828	100. 0		109, 605, 759	155, 732, 069	Metal doors, windows, and trim Metal and wire lath and furring_	Dollars 8, 680 3, 228	0,3		Dollars 7, 295 3, 228	Dollars 1, 385
ders, etc	21, 924, 072	۶.3 ا	32.04			Ornamental-metal work Lumber, rough and finished	592 173,482	( <sup>5</sup> ) 6.5	. 08	592 155, 274	18, 208
Distributed by kind Sand, gravel, stone, slag, cin- ders, etc. Brick (face, common, fire, pav- ing, etc.). Tile (freproafing) Tile, facing, terra cotta, floor, and wall. Concrete and cinder block. Cut stone, granife and marble.	12, 136, 755 2, 770, 687	4.6 1.0	17.74 4.05		3, 672, 328 1, 058, 159	Lath, shingles, and shakes Millwork Composition board	66, 039	2.5		66, 039	
and wall	6, 966, 955	2.6	10.18 2.58	1, 630, 291 1, 475, 356	5, 336, 664 290, 901	Composition board Waterproofing materials Hardware, rough and finished Paints, varnishes, glass Roofing and sheet metal Finished flooring (other than cement, wood or tile) Screens, shades, awnings, etc Heating and wartlloting equin.	10, 353 1, 282 17, 119 87, 464 108, 480	( <sup>0</sup> )	.18	10, 353 1, 133 16, 035	149 1, 084
Cut stone, granite and marble . Riprap, rubble, etc	1, 766, 347 10, 021, 141 406, 941			3, 008, 008 399, 518	6.952.473	Paints, varnishes, glass	87, 464 108, 480	3.3 4.0	12,40	10, 536 15, 621	76. 928
Cement Lime Plaster_sta	20, 464, 497 1, 333, 469 2, 378, 694		1.95	766.110	3, 504, 467 567, 359 1, 005, 187	cement, wood or tile)	35, 423		5.02	2, 446 850	
Concrete and cinder Diock Cut stone, granite and marble . Riprap, rubble, etc Cement Plaster, etc Structural steel Reinforcing steel Cast iron, miscellaneous, ex-	24, 048, 023 5, 035, 102	39. 1,9	35.14 7.30	9, 507, 576	14, 540, 447 1, 102, 100	ment.	481, 203			4, 500	1
	3, 537, 592				<b>862,</b> 535	Plumbing and gas-fitting equip- ment. Electrical appliances and sup-	168, 663	6.3	23. 91	7, 615	
Metal doors, windows, and trim Metal and wire lath and furring_	1, 413, 263 1, 523, 673		2.07	691, 455 360, 540 359, 616	721, 808 1, 163, 133 4, 643, 195	Thing	. 143, 407	5.8	20. 33	82, 265	61, 142
Ornamental-metal work	5, 002, 811 15, 492, 820	1.9	7.81	359, 616 12, 850, 967	4, 043, 195 2, 041, 853	Pipe: Drain tile, vitrified, con- crete, segment tile, corru- gated. Pipe: Cast-iron, sheet and tube	. 20, 533	. 8	2, 91	16, 200	4, 333
Lath, shingles, and shakes (wood) Millwork	558, 527	2, 1	, 81 8, 14	391, <b>84</b> 7	168, 680			( <sup>1</sup> ) <sup>7</sup>	2.75 .16	2, 161	17, 259 1, 087
Composition board Waterproofing materials	558, 527 5, 572, 861 690, 778 1, 108, 643 2, 762, 702 5, 376, 248 8, 642, 990		1.01	355, 996 488, 221	168, 880 734, 500 834, 782 620, 422 414, 025 4, 627, 181 7, 995, 032	Wire cable, guards, and fencing. Bituminous paving materials, tar, asphalt and oil. Ready mixed concrete. Metal products, n. e. s. (includ- tion motel furniture)	99, 700	3.7	14, 13	99, 700	
Hardwara rough and finished	2, 762, 702 5, 376, 248	1. 0 2. 0 3. 3	4.04 7.80	2, 348, 677 749, 067	414, 025 4, 627, 181	Metal products, n. e. s. (includ-	5,069		. 72		432
Faints, varnishes, glass Roofing and sheet metal Finished flooring (other than cement, wood or tile)			1		7, 995, 032 1, 244, 951	ing metal furniture) Miscellaneous	432 12, 774	( <sup>5</sup> ) .5		12, 774	432
Screens, shades, awnings, etc Heating and ventilating equip-	1, 620, 284 208, 507		. 30	91, 745	114, 762	BUFFALO					
ment Plumbing and gas-fitting equip-	23, 472, 776		1			All kinds of material Distribution not reported	19, 389, 226 2, 186, 719	11.3	409. 70	8, 957, 538 1, 045, 422	
ment. Electrical appliances and sup- plies.	29, 440, 769	í	1			Distributed by kind				7, 912, 116	9, 290, 391
Elevators, dumb-waiters, and equipment. Pipe: Drain tile, vitrified, con-	15, 645, 298	1	1		15, 603, 138	Sand, gravel, stone, slag, cin- ders, etc	1, 592, 841	8 <u>9</u> , 3	37.93	1, 491, 291	101, 550
Pipe: Drain tile, vitrified, con- crete, segment tile, corru- gated	2, 518, 234	.0	3.68	2, 296, 058	222, 176	Tile, facing, terra cotta, floor,	781, 044 68, 409	4.5 ,4		750, 842 64, 299	30, 202 4, 110
Pipe: Cast-iron, sheet and tube steel, etc.	4, 937, 100 462, 764		7.22	2, 893, 529	2, 043, 571	1 and wall	172, 110	1.0	4. 10	58,906	113, 204
Wire cable, guards, and fencing	462,764	!			236, 627	Concrete and cinder block Cut stone, granite and marble Bipron, rubble, etc.	20, 016 531, 350 5, 617	3, 1	12.66	12, 546 355, 044 2, 117	7, 470 176, 306 3, 500
Bituminous paying materials, tar asphalt, and oil. Wood piling and timber. Ready mixed concrete	2, 693, 422 820, 952 378, 115	. 3	1, 20	820,952	119, 775 27, 308	Cut stone, granite and marble Riprap, rubble, etc Cement Lime	1, 637, 419 72, 481	<sup>3</sup> 9.5	39.00 1.72	2, 117 1, 547, 417 70, 048	2, 433
Machinery. Freight, hauling or trucking to	728, 492	. 3			53, 183	Structural steel	1, 389, 771	38.1	2.88 33.10	60, 844 519, 774	59, 810 869, 997
job Cast forms, beads, etc Chemicals and chemical prod-	376, 503	( <sup>5</sup> ) <sup>I</sup>	. 55 (*)	883, 091 642	43, 412 142	Reinforcing steel Cast iron, miscellaneous, ex- cluding pipe	421, 153 42, 849			344, 471 27, 471	76, 682 15, 378
ucts. Metal products, n. e. s. (includ-	18, 669		. 02		8, 709	cluding pipe Metal doors, windows, and trim	232, 186	1.3	5. 53	126, 412	
Mineral products (nonmetal-	589, 020		. 86		184, 060 68, 496	Metal and wire lath and furring. Ornamental metal work Lumber, rough and finished	116, 708 95, 747 869, 883	. 6	2,28	19, 413 26, 274 757, 245	105, 774 97, 295 69, 473 112, 638
lic), n. e. s Sealing materials Textiles and calking materials	268, 423 81, 620 28, 519	5	. 39 . 12 . 04	69, 524 15, 440	12,096 13,079	Lath, shingles, and shakes	38, 608	. 2			6, 633 30, 650
Miscellaneous	2, 274, 959	. 9	3, 32	1, 929, 433	345, 526	Millwork Composition board	442, 035 99, 553	. 6	, 92 10, 58 2, 37 1, 18 4, 89 7, 20	411, 385 25, 980 13, 802	73. 623
ALBANY					- 'e -	Waterproofing materials Hardware, rough and finished Paints, varnishes, glass	49, 303 205, 425 302, 391	1.2 1.8	4. 89	160,018 79,098	35, 501 45, 407 222, 693 852, 629
All kinds of material Distribution not reported	4, 093, 269 1, 411, 144		380. 24	2, 402, 713 1, 185, 774	1, 690, 556 225, 370	Paints, varilshes, glass Roofing and sheet metal Finished flooring (other than	973, 448	5.7	20, 10	120,010	
Distributed by kind	2, 682, 125	100. 0		1, 216, 939	1, 465, 186	cement, wood, or tile) Screens, shades, awnings, etc Heating and ventilating equip-	162, 625 22, 377	.9 .1	3. 87 . 53	22, 200 5, 264	140, 425 17, 113
Sand, gravel, stone, slag, cin- ders, etc. Brick (face, common, fire, pav-	227, 958		32, 32	159, 879	68, 079	Plumbing and gas fitting	1, 215, 818		28.96	77, 114	1, 138, 699
ing, etc.)	42, 725 7, 435	1.6.3	6.06 1.05	42, 725 7, 435		Electrical appliances and sup-	1, 127, 020	6.6	26.84	88,350 100-102	1, 038, 670 1, 563, 755
Tile, facing, terra cotta, floor, and wall Concrete and cinder block	63, 227 47, 946	2.4	8, 96 6, 80	8, 227 13, 946	55, 000 34, 000	plies Elevators, dumb-waiters, and equipment	1, 672, 947 1, 852, 658		39. 84 44. 12	109, 192 900	1, 365, 755
	105 440	4.7 12.4	17.78	50, 449 304, 825	27,659	equipment Pipe: Drain tile, vitrified, con- crete, segment tile, corru-					
Lime. Plaster, etc	5, 231 25, 057	.9	3, 55	4, 231 24, 057	1,000 1,000	gated Pipe: Cast-iron, sheet and tube	183, 777		4.38 5.53	149, 367 43, 715	34, 410 188, 490
Cement. Lime	250, 453 82, 294	19,3 3.1	35, 51 11, 67	16, 482 59, 017	233, 971 23, 277	steel, etc Wire cable, guards, and fencing. Bituminous paying materials.	232, 205 28, 855	$1.3 \\ .2$	, 69	19, 153	188, 490 9, 702
Mading province entresteres	-100-	. 2	. 61	3, 702	600	Bituminous paving materials, tar, asphalt, and oil	196, 293	1, 1	4. 67	124,631	71, 626
See footnotes at end of tab	16.										

#### TABLE 9.-COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, BY KIND-Continued

										·	
	COST	OF M.	ATERIAL	S REPORTED	вт—		COST	OF M.	ATERIALS	REPORTED	вү
	All classes	of est ents	ablish-				All classes me	of est ents	ablish-		
KIND OF MATERIAL			98-	General	Subcon-	KIND OF MATERIAL		\$	887	General	Subcon-
	Amount	nt di	\$1,00 Tuctio	contrac- tors <sup>1</sup>	tractors		Amount	ent di ution	\$1,0 tuction dope	contrac- tors <sup>2</sup>	tractors
	indound	Percent dis- tribution	Per \$1,000 construction work done <sup>1</sup>					Per cent dis- tribution	Per \$1,000 construction work dope <sup>1</sup>		
BUFFALO-Continued						BRONX BOROUGH				Dellevie	Dellara
l kinds of material—Continued. Distributed by kind—Continued.	Dollars		Dolls.	Dollars	Dollars	All kinds of material Distribution not reported	Dollars 16, 723, 127 2, 054, 818	12.2	Dolls. 392.67	Dollars 3, 791, 404 749, 581	Dollars 12, 931, 72 1, 305, 23
Wood piling and timber Freight, hauling or trucking to	113, 677	· ·	2.71	113,677		Distributed by kind	14, 668, 309	100. 0		3, 041, 823	1
job Chemicals and chemical prod- ucts	36, 772 3, 090		. 88 . 07	18, 272 3, 090	18, 500	ders, etc Brick (face, common, fire, pav- ing, etc.)	1, 018, 554 595, 156	1		726, 484 103, 421	292, 07 491, 71
Metal products, n. e. s. (includ- ing metal furniture)	15, 983		·	15, 983		Tile (fireproofing) Tile, facing, terra cotta, floor	414, 643	2.8	. 11, 10	136, 880	491, 73 277, 70
Mineral products (nonmetal- lic), n. é. s Sealing materials Textiles and caulking materials.	7, 885 550	(5)	. 19 . 01	3, 399 550		and wall. Concrete and cinder block Out stone, granite and marble	540, 302 19, 800 1, 273, 379	1 1	. 53	19,078 19,300 13,250	521, 2 5 1, 260, 1
Textiles and caulking materials. Miscellaneous	2, 453 46, 506	( <sup>4</sup> )	.06 1.11	2, 433 36, 745		Riprap, rubble, etc Cement	90 652, 298	(°) 4.4	(°) 17.46	90 406, 280	246,0
NEW YORK CITY						Plaster etc	(4.22)	.5	1,99 36,68	50, 924 5, 350 498, 349	50, 5 68, 8 871, 8
ll kinds of material Distribution not reported	253, 228, 422 71, 203, 107	28.1	376.35	108, 635, 370 49, 940, 730	144, 591, 052 21, 262, 377	Structural steel Reinforcing steel Cast fron, miscellaneous, ex-	42, 069 96, 073	.3	1, 13	25, 204 587	16, 8 95, 5
Distributed by kind Sand, gravel, stone, slag, cin- ders, etc	182, 023, 315				123, 328, 675	cluding pipe Metal doors, windows, and trim	28, 138	.2	. 75	2, 605	25.5
ders, etc Brick (face, common, fire, pav- ing, etc.) Tile (fireproofing)	11, 721, 510 8, 471, 668	1 ·		8, 525, 087 5, 107, 645	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	trim Metal and wire lath and furring Ornamental metal work	9, 346 1, 237, 867 963, 251	38.4	$   \begin{array}{c}     25 \\     33.14   \end{array} $	500 430, 241	8,8 1,237,8 533,0
The, merry, terry could, moor		1.3	4.86	1, 300, 207	1,051,051	Lumber, rough and finished Lath, shingles, and shakes wood	24 680		. 66	2,208	22, 4 241, 5
Concrete and einder block	5, 547, 349 1, 149, 870 7, 730, 732	1.6	2,38	1, 035, 906 932, 503 1, 324, 485	217, 367	Milwork Composition board	294, 473 2, 730 48, 929	2.0 ( <sup>6</sup> )	. 07	52, 931 1, 005 38, 427	1,7
Cut stone, granite and marble Riprap, rubble, etc	7, 730, 732 244, 580 10, 227, 333	5.6	. 50 21, 15	241, 629 7, 094, 805	2, 951	Hardware, rough and finished. Paints, varnishes, glass	78, 260 234, 451	1,6	2, 10 6, 27	34, 994 3, 716	43, 230,
Plaster, etc Structural steel	084, 500 1, 694, 828 19, 432, 878 2, 531, 453	ll · − d	2 50	288, 541 7, 243, 222	1,406,287 12,189,658	Roofing and sheet metal Finished flooring (other than cement, wood, or tile)	987, 463 218, 764			84 1, 492	217, 2
Cement. Line. Plaster, etc. Structural steel. Reinfording steel. Cast iron, miscellaneous, ex- cluding pipe. Metal doors, windows, and trim	2, 531, 453 3, 333, 064		1	1, 550, 683 3, 008, 356	980, 770	Screens, shades, awnings, etc Heating and ventilating equip-	90, 543	. 6	2.42	1, 200	89, 3 521, 8
		. 4		191, 985	524, 093	mont Plumbing and gas fitting equip- ment	521, 858 1, 552, 788	[		6, 601	1, 546, 1
Metal and wire lath and furring. Ornemental metal work	947, 274 4, 431, 518 9, 552, 008	3 2.4	1 9.16	70, 336	4, 361, 182	ment Electrical appliances and sup- plies Elevators, dumb-waiters, and	410, 541			19, 581	390, 1
Lumber, rough and finished Lath, shingles, and shakes (wood)	· 203, 152	2 . 1	.42	<b>98, 99</b> 6	104, 156	equipment Pipe: Drain tile, vitrified, con-	1, 160, 632	7.9	31.07		1, 160, 1
Composition board	2, 146, 162		2 4.44 2 .67 5 1.80	1, 524, 955 114, 533 362, 457		crete, segment tile, corru- gated Pipe: Cast-iron, sheet and tube	144, 124	1, (	) - 3, 86	143, 124	1,
Waterproofing materials Hardware, rough and finished Paints, varnishes, glass	1, 628, 487 3, 859, 455	2 2 1	) 3.37 7.98	1, 328, 303 215, 086	300, 184 3, 644, 369	steel, etc	119, 098 2, 576	( <sup>5</sup> )	3 3, 19 . 07	16, 150	102, 2,
Paints, varnishes, glass Roofing and sheet steel Finished flooring (other than cement, wood, or tile)	4, 589, 018 985, 280					Bituminous paving materials, tar, asphalt, and oil Machinery	131, 095 850	(5)	3.51 .02		
Screens, shades, awnings, etc Heating and ventilating equip-	107, 504	. 1	. 22	16, 497	91, 007	Freight, hauling or trucking to					
Plumbing and gas fitting	16, 467, 878 22, 371, 523				16, 206, 685 22, 147, 749	job	47, 246	5 . 1	1.	1 1 1 1 1 1	48,
equipment. Electrical appliances and sup- plies. Elevators, dumb-waiters, and	13, 285, 153		1		12, 804, 989	lic), n. e. s. Miscellaneous.	73, 311 70, 624			73, 311 57, 121	13,
Elevators, dumb-watters, and equipment Pipe: Drain tile, vitrified, con- crete, segment tile, corru-	13, 662, 536	\$ 7.8	5 28, 25	24, 618	13, 637, 917	BROOKLYN BOROUGH	atte de la composition activitation				
crete, segment tile, corru- gated Pipe: Cast-iron, sheet and tube	1, 334, 574	7	2. 76	1, 296, 027	38, 547	All kinds of material Distribution not reported	28, 206, 964 6, 099, 302	- 57	445. 18	8, 035, 350 2, 795, 769	20, 171, 8, 303,
steel, etc.	3, 683, 815 259, 622	5 2. ( 2 , 1		2, 127, 950 50, 931	1, 555, 859 208, 691	Distribution not reported Distributed by kind Sand, gravel, stone, slag, cin-	22, 107, 662			5, 239, 581	
Wood piling and timber Ready mixed concrete			2.46	1, 188, 345 672, 370	125	Briefs, 610	1, 203, 025				
Ready mixed concrete	1, 188, 470 672, 370 290, 472 709, 614		.60 1.47	263, 166	27, 306	ing, etc.)	1, 023, 657 123, 300	4.6		783, 158 92, 199	240, 31,
Machinery Freight, hauling or trucking to job	1 1 1	5		1	1.1.1.1	Tile (freproofing) Tile, facing, terra cotta, floor and wall Concrete and cinder block	762, 032		2 1.08	132, 225 45, 023	8,
Job Cast forms, beads, etc Chemicals and chemical prod- ucts	9,001		. 02	292		Riprap, rubble, etc	1,472,083	8 6.2	01 18 00	400	
ucts Metal products, n. e. s. (includ- Ing metal furniture) Mineral products (nonmetal-			1, 17	385, 618	177, 991	Lime Plaster, etc Structural steel Reinforcing steel Cast iron, miscellaneous, ex- cluding pipe	165, 400 88, 195 1, 630, 373 98, 578		7 3.33	127, 421 29, 760	105, 37, 58, 1, 249,
Mineral products (nonmetai- lic), n. e. s. Sealing materials Textiles and caulking materials.	247,852	) (5)	. 15	66, 024	8,296	Structural steel	1, 630, 373 98, 578	3 7.4	4 32.83 4 1.88	380, 377 69, 511	Z4,
Dealing imaterials	22,613		. 05				105, 073			43, 285	61,

#### TABLE 9.—COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929 BY KIND—Continued

	COST	OF M	ATERIAI	S REPORTE	D BY-		COST	OF M.	ATERIAL	S REPORTED	ву-
	All classes	of est ents	ablish-				All classes	of est	tablish-		
KIND OF MATERIAL	Amount	Per cent dis- tribution	Per \$1,000 construction work done <sup>1</sup>	General contrac- tors <sup>2</sup>	Subcon- tractors	KIND OF MATERIAL	Amount		Per \$1,000 construction work done <sup>1</sup>	General contrac- tors <sup>3</sup>	Subcon- tractors
BROOKLYN BOROUGH-Con.	1					MANHATTAN BOROUGH-Con.					
All kinds of material—Continued. Distributed by kind—Continued. Metal doors, windows, and trim	Dollars 254, 606 18, 463 1, 184, 008 860, 772 30, 402		Dolls. 5. 13 .37 23. 84 17. 34 .61	9, 68 12, 28 621, 93	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	All kinds of material—Continued. Distributed by kind—Continued. Elevators, dumb-waiters, and equipment. Pipe: Drain tile, vitrified, con- crete, segment tile, corrugated. Pipe: Cast-iron, sheet and tube steel, etc. Wire cable, guards, and fenc-	2,132,300	.5	1, 65	538, 758	Dollars 9, 206, 209 33, 190 947, 287
Ornamental metal work. Lumber, rough and finished Lath, shingles, and shakes (wood). Millwork. Composition board. Waterproofing materials Hardware, rough and finished Paints, varnishes, glass. Roofing and sheet metal. Finished flooring (other than cement, wood, or tile) Screens, shades, awnings, etc Heating and ventilating equip- ment.	30, 402 248, 451 24, 618 31, 719 133, 968 371, 727 901, 410 16, 760 5, 863	.6 1.7 4.1	5.00 .49 .64 2.70	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	4         27, 147           2         7, 886           9         19, 350           9         49, 200           8         347, 834           0         858, 540	Wire cable, guards, and fenc- ing	170, 897 652, 163 646, 230 290, 472 651, 466 118, 820 62	.5	1.88	046, 239 263, 166 027, 843	120, 713 50 27, 306 23, 623 21, 521 62
Heating and ventilating equip- ment	2, 830, 071 3, 065, 474 617, 415 3, 183, 280	4 12, 8 4 13, 9 2, 8	61, 73 12, 43	72, 02 43, 77 13, 62	3         2, 758, 048           4         3, 021, 700           603, 795	Chemicals and chemical prod- ucts. Motal products, n. e. s. (in- cluding metal furniture) Mineral products (nonmotal- lic) n. e. s. Sealing materials Textiles and calking materials Miscellaneous.	446, 618 157, 509 68, 250 22, 013	( <sup>5</sup> ) .4 .1 . <sup>1</sup>	.03 1.29 .45 .18 .06	359, 720 109, 188 56, 563 11, 939	8, 709 86, 898 48, 321 6, 687 10, 674
Pipe: Cast-Iron, sheet and tube steel, etc	10, 000 57, 299 1, 083 27, 745 6, 430 873 34, 242 183, 574, 184 58, 650, 106	1. 5 . 4 1. 1 ( <sup>(0)</sup> . 3 ( <sup>(0)</sup> . 1 ( <sup>(5)</sup> ) . 2 . 2 . 31. 0	1. 72 4. 76 . 20 1, 15 . 02 . 56 . 13 . 02 . 69 . 301. 11	1, 083 21, 745 5, 447 855 20, 997 80, 443, 312 45, 450, 255	222, 419 85, 400 75 28, 710 6, 000 983 18 7, 245 94, 130, 872 13, 109, 851	QUEENS BOROUGH All kinds of material	22, 834, 211 4, 170, 785 18, 663, 426 1, 263, 904 3869, 246 23, 939 406, 270 302, 757, 2, 087, 461 907, 334, 35, 455 219, 869 1, 412, 345 201, 461 95, 205	100.0 6.8 2.0 .1 2.2 2.1 311.2	. 05	775, 181	17, 039, 128 3, 395, 604 13, 643, 524 267, 468 122, 931 3, 000 372, 745 132, 343 2, 050, 825 250, 909 21, 089 114, 201 852, 786 37, 237 23, 903
Sand, gravel, stone, slag, din- ders, etc	1, 786, 673 3, 831, 445 677, 733 2, 789, 374 101, 518 7, 701, 501 677, 838	6. 1 5. 2 1. 4 3. 1 . 5 2. 2 . 2 6. 2 . 5 1. 0 12. 0	22, 11 18, 68 5, 16 11, 08 1, 96 8, 06 55 22, 26 1, 96 8, 74 43, 40 6, 33 8, 78 58 2, 58 2, 58 2, 77 19, 86	43, 903, 057 5, 131, 181 3, 954, 741 1, 047, 486 848, 778 602, 040 1, 113, 833 188, 567 5, 171, 582 283, 414 130, 593 5, 798, 599 1, 287, 070 2, 893, 059 151, 238 29, 729 55, 602, 486	2, 516, 597	Lumber, rough and finished Lath, shingles, and shakes (wool) Millwork Composition board Hardware, rough and finished Paints, varnishes, glass Roofing and sheet metal. Finished flooring (other than cement, wood, or tile) Screens, shades, awnings, etc Heating and ventilating equip- ment Plumbing and gas fitting equip- ment Electrical appliances and sup- plies Elevators. dumb-waiters, and	7,558,076 728,404 388,786 23,167 61,636 80,151 176,025, 440,688 14,418 4,660 2,116,676 3,070,070 4 1,554,944	1. 2 . 2 * 5. 6 4. 1 . 4 2. 1 . 3 . 4 . 9 2. 4 . 1 ( <sup>5</sup> ) 11. 3 16. 4 * 8. 3	5. 37 .80 24. 33 17. 56 1. 68 9. 00 .54 1. 43 1. 85 4. 08 10. 20 .33 .11 49. 02 71. 10 86. 01	$\begin{array}{c} 7, 152\\ 5, 904\\ 504\\ 504\\ 570, 311\\ 50, 682\\ 065, 357\\ 16, 708\\ 54, 972\\ 02, 776\\ 15, 461\\ 24, 902\\ 9, 113\\ 4, 600\\ -\\ 19, 673\\ 37, 235\\ 80, 186\\ \end{array}$	224, 803 28, 825 1, 050, 204 187, 768 21, 782 323, 432 6, 359 6, 663 17, 375 160, 564 415, 786 5, 805 2, 007, 003 3, 032, 835 1, 474, 758
Plumbing and gas fitting equip- ment. Electrical appliances and sup-	60, 420 1, 186, 357 268, 911 724, 176 1, 324, 048 3, 074, 802 2, 253, 303 733, 404 6, 288 10, 922, 383 14, 559, 484 10, 662, 253	11. 7	20 3.43 .78 2.09 3.83 8.89 6.51 2.12 .02 81,57 42,09 30,82	135, 950	42, 891 29, 086 102, 783 473, 625 189, 974 2, 905, 236 2, 144, 927 681, 290 1, 664 10, 753, 991 14, 428, 534 10, 295, 476	equipment. Pipe: Drain tile, vitrified, con- crete, segment, tile, corru- gated. Pipe: Cast-fron, sheet and tube steel, etc. Wire cable, guards, and fencing. Bituminous paving materials, tar, asphalt, and oll. Wood piling and timber Freight, hauling, or trucking to job. Metal products, n. e. s. Mineral products (nonmetal- lic) n. e. s. ealing materials. Miscellaneous.	7, 272 574, 842 878, 925 383 118, 558 9, 709 15, 517 42, 000 10, 602 1, 591 9, 294	(3) (3) (3) (4) (5)	. 17 13, 31 8, 77 . 01 2, 74 . 22 . 36 . 97 . 25 . 04 . 22	573, 842 97, 391 383 - 118, 558 -	1,000 281,534 42,000 10,602 1,591 3,808

TABLE 9.—COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929 BY KIND—Continued

							<u> </u>			
	COST	OF M	A'TERIAI	S REPORTEI	» в <b>ү</b> —		COST OF M	ATERIAL	S REPORTED	вү—
	All classes	of est ents	ablish-				All classes of es ments	tablish•		
RIND OF MATERIAL				General		EIND OF MATERIAL			General	
		tion tion	11,000 liction	contrac- tors 2	Subcon- tractors		ti dis-	1,000 letion	contrac- tors 2	Subcon- tractors
	Amount	Per cent dis- tribution	Per \$1,000 construction work done <sup>1</sup>				Amount B	Per \$1,000 construction work done 1		
		<u>е</u>	A 8 P				μ			<u></u>
RICHMOND BOROUGH	Dollars	l	Dolls. 330, 64	Dollars 1, 570, 221	Dollars	ROCHESTERContinued All kinds of material-Continued.				
Distribution not reported				169, 944	317, 715 58, 152	Distributed by kind—Continued. Finished flooring (other than	Dollars	Dolls.	Dollars	Dollars
Distributed by kind. Sand, gravel, stone, slag, cin-	1, 659, 840	1		J	259, 563	cement, wood, or tile) Screens, shades, awnings, etc	50,634 0.6 4,516 .1	2.40		48, 340 1, 026
ders, etc. Brick (face, common, fire, pav- ing, etc.)		1 .	117.16 3.99	20,010	761	Heating and ventilating equip- ment Plumbing and gas-fitting equip-	410, 985 4. 6	19. 51	14, 972	396, 013
ing, etc.) Tile (fireproofing) Tile, facing, terra cotta, floor,			. 54	2, 703		Electrical appliances and sup-	620, 758 6. 9			570, 539
and wall Concrete and cinder block Cut stone, granite and marble	5,753	.4	1.15	5,728	25	plies. Elevators, dumb-waiters, and	701, 382 37.8 14, 2251 .2			684, 249 14, 225
Riprap, rubble, etc Cement Lime	50, 500	i 3.0 110.5	10.06	50, 506	8, 000 300	equipment Pipe: Drain tile, vitrified, con- crete, segment tile, corrugated.	96, 296 1, 1		92, 782	3, 514
Lime. Plaster, etc.	4, 381 17, 970	.3 1,1	. 87 3. 58	4, 181	200 800	Pipe: Cast-iron, sheet and tube steel, etc	111,870 1,2	5, 31	84, 883	26, 993
Plaster, etc Structural steel Reinfording steel	6, 338 4, 674	.4	1.26 .93	6, 338 4, 674		Wire cable, guards, and fencing. Bituminous paving materials, tar, asphalt, and oil	25, 202 . 3 66, 693 . 7	1.20 3.16	15, 402 66, 309	9, 800 384
Cast iron, miscellaricous, ex- cluding pipe. Metal doors, windows, and	143		. 03	1		Wood piling and timber Freight, hauling or trucking to	950 (*)	. 05	950	
Metal and wire lath and furring	600 9, 948	. 6		600 9, 948		job Cast forms, beads, etc	25, 029 . 3 210 ( <sup>8</sup> )	1, 19 . 01	24, 804	$\frac{225}{210}$
Lumber, rough and finished Lath, shingles, and shakes (wood) Millwork Composition board Wotromonflor gradeale	98, 082 6, 168	`	19, 54 1, 23			Metal products, n. e. s. (in- cluding metal furniture) Mineral products (nonmeta-	455 ( <sup>5</sup> )	. 02	455	
Millwork Composition board	6, 168 28, 092 3, 870	.2	5. 59 . 77	3,870		Mineral products (nonmeta- lic), n. e. s. Sealing materials Miscellaneous	1,071 ( <sup>8</sup> ) 455 ( <sup>6</sup> )	. 05 . 02	455	1,071
Waterproofing materials	6, 138 12, 060	.4	1.22 2.40	11,760	300	Miscellaneous	322, 861 3. 6	15.32	316, 800	6,061
Roofing and sheet metal. Finished flooring (other than	2, 450 6, 064	.4	. 49 1, 21	2, 450 3, 241	2, 823	SYRACUSE				
Composition board. Waterproofing materials Hardware, rough and finished Paints, varnishes, glass Roofing and sheet metal Finished flooring (other than eement, wood, or tile) Screens, shades, awnings, etc Heating and ventilating ecult.	1, 940 150	( <sup>5</sup> ) <sup>1</sup>	. 39 . 03	1, 940 150		All kinds of material Distribution not reported	6, 145, 621 1, 107, 562 18. 0	420.70	3, 148, 173 843, 262	2, 997, 448 264, 300
Heating and ventilating equip- ment. Plumbing and gas-fitting equip-	76, 885	4.6	15, 32	1,100	75, 785	Distributed by kind Sand, gravel, stone, slag, cin-	5, 038, 059 100. 0		2, 304, 911	2, 733, 148
Electrical appliances and sup-	123, 707		24, 64	214	123, 493	Brick (face, common, fire, pay-	484, 128 \$ 9.6		444, 898	39, 230
Pipe: Drain tile, vitrified, con- crete, segment tile, corrugated.	40, 000 25, 045		7.97 4,99	24, 640	40, 000 405	ing, etc.) Tile (fireproofing) Tile, facing, terra cotta, floor	188, 038 3. 7 65, 136 1. 3		171, 438 64, 642	16 <b>, 600</b> 494
			4, 99 23, 58		1,671	and wall Concrete and cinder block Cut stone, granite and marble. Coment.	100,985 2.0 3,700 1	8.43 .31	7,428 3,700	93, 557
steel, etc. Wire cable, guards, and fencing. Bituminous paving materials,	118, 383 216		. 04	116, 712 216		Cut stone, granite and marble Cement	259 4991 5 2	35.12	3,700 199,366 392,014	$\begin{array}{c} 60,133\\ 28,541 \end{array}$
Bituminous paving materials, tar, asphalt, and oil Wood piling and timber Freight, hauling or trucking to	50, 328 6, 332	3.0 .4	10. 03 1. 26			Lime Plaster, etc Structural steel Reinforcing steel	420, 555 * 8.3 27, 621 .5 65, 646 1.3 473 139 * 9.4	5.48	392,014 12,250 26,969 62,666	15, 371 39, 677 410, 473
job	17, 724 8, 006 26, 896	1.1 5	3. 53 1. 71	17, 724 8, 606		Reinforcing steel Casting iron, miscellaneous,	473, 139 8 9. 4 53, 631 1. 1		48, 568	5, 063
Miscellaneous	26, 896	1.6	5, 36	26, 896		Casting iron, miscellaneous, excluding pipe. Metal doors, windows, and trim.	6,736 .1		6, 611 27, 249	125 81, 681
ROCHESTER						Metal and wire lath and furring.	108, 930 2. 2 47, 583 . 9 97, 090 1. 9 276, 230 5. 5	8.11	20,650	26, 933 84, 090
All kinds of material Distribution not reported	10, 187, 355 1, 175, 881	11.5	427, 66	6, 372, 309 311, 418	3, 815, 046 864, 463	Lumber, rough and finished Lath, shingles, and shakes (wood)		23.07	262, 374	13, 856
Distributed by kind Sand, gravel, stone, slag, cin-	9, 011, 474	100. 0		6, 060, 891	2, 950, 583	(wood)	2,000 ( <sup>3</sup> ) 69,629 1,4 26,959 .5	ואפיפי ו	2,000 69,629 7,700	19, 259
ders, etc. Brick (face, common, fire, pav-	897, 376		42, 59	858, 850	38, 526	Waterproofing materials. Hardware, rough and finished.	13, 210 . 3 46, 136 . 9 53, 215 1. 1 364, 626 \$ 7. 2	1. 10 3. 85	6, 701 45, 485 28, 900 28, 642	6, 509 651
Tile (freproofing)	640, 666 51, 754	<sup>3</sup> 7. 1 , 6	30, 40 2, 45	535, 958 51, 667	104, 708 87	Paints, varnishes, glass Roofing and sheet metal	53, 215 1, 1 364, 626 3 7, 2	4. 44 30. 45	28, 900 28, 642	24, 255 335, 984
Tile, facing, terra cotta, floor, and wall. Concrete and cinder block	$\begin{array}{c} 209, 219\\ 132, 501\\ 472, 890\\ 29, 558\\ 1, 087, 219\\ 40, 160\\ 92, 372\\ 579, 034\\ 258, 738 \end{array}$	2.3 1.5	9, 93 6, 29	93, 124 126, 248 387, 670 29, 558 1, 057, 446 31, 984 76, 591 405, 510 256, 972	116, 095 6, 253 85, 220	Screens, shades, awnings, etc	52, 561 1.0 2,000 ( <sup>5</sup> )	4.39	19, 837 2, 000	32, 724
Cut stone, granite and marble Riprap, rubble, etc Cement	472, 890 29, 558	5.2 3	22.44 1,40	387, 670 29, 558		Heating and ventilating equip- ment. Plumbing and gas fitting equip-	443, 580 \$ 8. 8	37.04	4, 200	439, 380
iama	1,087,219 40,160 92 372	1.0	51, 60 1, 91 4, 38	1, 057, 440 31, 984 75, 591	29,778 8,176 16,781	Electrical appliances and sup-	514, 882 310. 2	42. 99	5, 600	509, 232
Plaster, etc Structural steel Reinforcing steel Cast iron, miscellaneous, ex-	579, 034 258, 738	6.4 2.9	27.48 12.28	405, 510 256, 972	29, 773 8, 176 16, 781 173, 524 1, 766	Pipe: Drain tile, vitrified, con-	402, 254 3 8. 0	83. 59	4,000	398, 254
Cast iron, miscellaneous, ex- cluding pipe	19, 453	. 2	. 92	12, 706	6, 747	crete, segment tile, cor- rugated Pipe: Cast-iron, sheet and tube	95, 537 1. 9	7. 98	95, 430	107
Metal and wire lath and furring_	24, 679 31, 716	.3	1. 17 1. 51	16, 884 25, 307 118, 879	7,795	Steel, etc. Wire cable, guards, and fencing	57, 112 1. 1 18, 655 . 4	4.77 1.56	49, 412 18, 655	7,700
Ornamental metal work	24, 679 31, 716 151, 428 488, 806	$1.7 \\ 5.4$	7.18 23.20	118,879 415,585	6, 409 32, 549 73, 221	Bituminous paving materials, tar, asphalt, and oil	104, 775 21	8, 75	70, 775	34, 000
Lath, shingles, and shakes (wood)			1.36 27,99	27, 019 538, 544	1,543 51,207	Chemicals and chemical prod- ucts	255 (8)	, 02	255	
Millwork Composition board Waterproofing materials	28, 562 589, 751 37, 803 29, 001	. 4	1.79	538, 544 29, 379 9, 584	8 494	Mineral products (nonmetallic)	1, 040 (8)	. 09	1,040	
Hardware, rough and finished. Paints, varnishes, glass. Roofing and sheet metal	129, 692 234, 185 301, 313	2.6	6.15 11.11 14.30	100, 615) 155, 063	19, 417 29, 077 79, 122	n. c. s. Textiles and calking materials	2, 288 (*) 2, 231 (*)	.19 .19		2, 238 2, 231 4, 800
See footnotes at end of table		3. 3	14, 300	9, 800	291, 513	Miscellaneous	86, 567 1. 7	7.23	81, 767	4,800

١

ş

# TABLE 9.—COST OF MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, - BY KIND—Continued

	COST	OF M	ATERIAI	S REPORTE	D BY		COST	OF M	ATERIAL	S REPORTED	В У
KIND OF MATERIAL	All classes me	ents					All classes	of estents	tablish-		
	Amount	Per cent dis- tribution	Per · \$1,000 construction work done <sup>1</sup>	General contrac- tors <sup>2</sup>	Subcon- tractors	KIND OF MATERIAL	Amount	Per cent dis- tribution	Per \$1,000 construction work done <sup>1</sup>	General contrac- tors <sup>2</sup>	Subcon- tractors
UTICA All kinds of material Distribution not reported	Dollars 3, 737, 072 733, 755	19.6	Dolls. 474. 55	Dollars 2, 282, 923 49, 979	Dollars 1, 454, 149 083, 776	YONKERS All kinds of material Distribution not reported	Dollars 2, 730, 100 386, 501		Dolls.	Dollars 1, 109, 910 258, 371	Dollars 1, 620, 190 128, 130
Distributed by kind Sand, gravel, stone, slag, cin- ders, etc. Brick (ince, common, fire, pay-	3, 003, 317 684, 430	122. 8	108, 15	680. 127	4, 303	Distributed by kind Sand, gravel, stone, slag, cin- ders, etc. Brick (ince, common, fire, pav-	2, 343, 599 203, 277	100. 0 3 8. 7	35. 19	851, 539 119, 407	1, 492, 060 83, 870
ing, etc.)	120, 113 12, 243 48, 806 13, 687 05, 308 33, 870	.4	20. 40 1. 94 7. 71 2. 16	127, 613 12, 243 33, 806 11, 687	15, 000 2, 000	ing, etc.) Tile (freproofing) Tile, facing, terra cotta, floor and wall Concrete and cinder block	121, 279 2, 434 85, 909 12, 447 126, 409	. 1	. 42 14. 87 2. 15	115, 279 2, 434 36, 475 12, 447	6, 000 50, 434
Cement. Jime	33, 870 502, 395 7, 229 15, 714 819, 951 110, 462	16, 7 . 2 . 5	79.38 1.14 2.48 50.55	80, 308 33, 870 497, 100 5, 920 13, 714 116, 070	5, 295 1, 300 2, 000 203, 881	Out stone, granito and marble. Riprap, rubble, etc. Coment. Lime. Plaster, etc. Structural stoel. Reinforcing steel. Cast iron, miscellaneous, ex	10, 612 140, 245	5.4 6.0 .10 .5 2.8	1.8424.273.892.05	41, 169 10, 612 67, 795 21, 636 11, 532 7, 315	85, 240 72, 450 850 300 58, 405
Reinforcing steel Cast iron, miscellancous, ex- cluding pipe Matal doors, windows, and trim Metal and wire lath and furring.	110, 462 10, 187 20, 722 7, 057	3.7 ,3 .7 .2	17.45 1.61 3.27 1.12	110, 462 8, 500 20, 722 7, 057	1, 687	Metal doors, windows, and trim	8, 077 7, 975 8, 845	.3	1.38 1.53	5, 077 4, 975 8, 845	1, 000 3, 000
Lumber, rough and finished Lath, shingles, and shakes (wood)	29, 772 133, 770 6, 390 58, 752	1.0 4.5 .2 2.0	4. 70 21. 14 1. 01 9. 28	18, 766 125, 000 6, 390	11, 008 8, 770	Ornamental metal work Lumber, rough and finished Lath, shingles, and shakes (wood) Millwork	54, 354 109, 383 4, 431 73, 224 15, 697	2.3 4.7	9.41 18.93	8, 446 1, 054 51, 087 4, 431 73, 294	53, 300 58, 296
Millwork Composition board Waterproofing materials Paints, varialses, glass Roofing and sheet metal Finished flooring (other than cement, wood or tile) Boreens, shades, awnings, etc. Heating and venilating equip- ment. Plumbing and cas fitting equip-	9, 118 9, 047 16, 000 34, 444 130, 368	.3 .5 1,1 4,3	1, 44 1, 43 2, 53 5, 44 20, 60	9, 118 6, 547 15, 432 18, 617 22, 521	2, 500 568 15, 827 107, 847	Composition board Waterproofing materials Hardware, rough and finished Painta, varnishes, glass Roofing and sheet metal	15, 697 6, 100 15, 074 40, 037 169, 770	. 3 . 6 1. 7 1, 2	$\begin{array}{c} 2.72 \\ 1.05 \\ 2.61 \\ 6.93 \\ 29.39 \end{array}$	73, 224 2, 631 1, 100 13, 274 4, 884 6, 715	13,066 5,000 1,800 35,153 163,055
Finished looring (other than cement, wood or tile) Screens, shades, awnings, etc Heating and ventilating equip- ment Plumbing and cas fitting equip.	19, 860 1, 000 150, 130	.7 ( <sup>5</sup> ) 5.0	3. 14 . 16 23. 72	19, 860 1, 000 4, 000	146, 130	Finished flooring (other than cement, wood, or tile) Screens, shades, awnings, etc Heating and ventilating equip- ment Plumbing and gas fitting equip.	5, 541 1, 848 383, 722	. 2 , 1 16, 4	, 96 , 28 66, 42	5, 541	374, 077
Plumbing and gas fitting equip- ment. Electrical appliances and sup- plies. Elevators, dumb-waiters, and equipment. Pipe: Drain tile, vitrified, con-	137, 892 42, 481 31, 116	4.6 1.4 1.0	21. 79 6. 71 4. 92	3, 703 15, 000 6, 878	134, 189 27, 481 24, 238	Oranmental metal work Lumber, rough and finished Lath, shingles, and shakes (wood) Millwork Composition board Waterproofing materials Hardware, rough and finished Paints, varnishes, glass Roofing and sheet metal Finished flooring (other than cement, wood, or tile) Screenes, shades, awnings, etc Heating and ventilating equip- ment Plumbing and gas fitting equip- ment Elevators, dumb-waiters, and equipment	191, 881 139, 535 650		83, 21 24, 15 , 11	8, 042 4, 393 650	183, 839 135, 142
rugated	16, 177 40, 341	. 5 1. 3	2. 56 6. 37	1, 241	39, 100	Pipe: Drain tile, vitrified, con- orete, segment tile, cor- rugated Pipe: Cast-iron, sheet and tube steel, etc	91, 752 116, 596	3. 9 5. 0	15. 88 20, 18	66, 652 34, 163	25, 100 82, 433
Pipe: Cast-iron, sheet and tube steel, etc. Wire cable, guards, and fencing. Bituminous paving materials, tar, asphalt, and oil Freight, hauling or trucking to job. Miscollaneous.	4, 327 111, 363 6, 540 3, 255	.1 3.7 .2 .1	. 68 17. 60 1. 03 . 51		751	Wire cable, guards, and fencing. Bituminous paving materials, tar, asphalt, and oil. Metal products, n. e. s., (in- cluding metal furniture) Miscellancous	5, 586 34, 981 277 54, 367	.2 1.5 ( <sup>8</sup> ) 2.3	. 97 6. 06 . 05 9. 41	5, 586 34, 981 - 277 - 54, 117	250

<sup>1</sup> The value of construction work done is obtained from figures presented in Table 1 by subtracting the value of subcontract work let from the total value of construction business.
 <sup>2</sup> Includes operative builders.
 <sup>3</sup> The percentage of total cost shown for this item is high because a considerable part of the business of reporting establishments consisted of work done outside this area
 <sup>4</sup> The percentage of total cost shown for this item is high because establishments which used large quantities of this material reported a considerable part of the total cost shown for this item is high because establishments which used large quantities of this material reported a considerable part of the total cost shown for this area.
 <sup>4</sup> Less than one-tonch of 1 per cent.
 <sup>6</sup> Less than 1 cent.

127100-33--55

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSINESS

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF DI MATE		TED		unt of me by				ERIAL		ort of	done by
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials distributed by kind	Amount	Total cost	Cost of all distributed of materials	Value of construc- tion busi- ness	Indicated per cent all business done l own forca <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISH MENTS	Cost of all materials distributed by kind	Amount	Total cost	Cost of all H distributed p materials	Value of construc- tion busi- ness	Inducation per c all business do own force 1
NEW YORK Sand, gravel, stone, slag,		a t					NEW YORK—Continued Brick (face, common,					e Starset	
cinders, etc.*	Dollars	Dollars		8,3	Dollars 895, 167, 345	70. 9	fire, paving, etc.)—Con. General contractors—Con.	Dollars	Dollars			Dollars	
All classes General contractors <sup>2</sup>	265, 337, 828	21, 924, 072 18, 221, 976	100. 0 83. 1	16.6	540, 593, 497 303, 765, 775	· · · · · · · · · · · · · · · · · · ·	Dam and reservoir.	450, 558 2, 888, 803 1, 292, 978 120, 546	629 33, 480 742	0.8	$     \begin{array}{c}       0.1 \\       1.2 \\       .1     \end{array} $	2, 270, 875 0, 574, 707 5, 441, 455	90, 9 94, 1 91, 2
Building not special-	53, 195, 324	4, 487, 556	1.1				Waterworks Railroad Foundation Central station, light and	1, 292, 978	1,000	(8)	.8	578, 013	58, 5
ized <sup>2</sup> . Commercial building	44, 825, 150 1, 664, 875	4, 028, 385 119, 000		1	319, 266, 944 11, 364, 554		power plant Refuse disposal plant Subway (other than	370, 647 100, 308	1, 021 8, 937	(8)	. 3 8. 9	2, 165, 542 377, 018	77.5 78.5
only Manufacturing build- ing only	206, 404				939, 25			15, 106, 328	92, 048	3.	. 6	50, 457, 030	92.0
ing only Residential building only Highway Bridge and culvert. Grading Street paving Sewer, gas, water, con-	6, 498, 895 15, 217, 998 3, 096, 503 331, 426 11, 374, 727	316, 156 5, 306, 418 502, 787 171, 735 4, 503, 673	1.424.02.3.820.4	4. 9 35. 5 16. 2 51. 8 39. 6	40, 257, 89 11, 854, 57 1, 919, 33 34, 024, 77	8 94.3 6 82.0 6 96.2 2 91.3	Subcontractors	4 155,732,069 6,994,464 18,050,966 4 52,994,747 17,756,871 30,905,440 5,555,851	3, 072, 328 10, 128 4, 000 13, 876 10, 785 3, 000 3, 334, 329		$\begin{bmatrix} & .1 \\ & (3) \\ 1 & (8) \\ 1 & .1 \\ & (3) \end{bmatrix}$	44, 981, 919 104,905, 976 36, 945, 454 58, 630, 065 14, 427, 914	95.6 90.9 97.7 96.6
duit Dam and reservoir Waterworks	456,558	113, 547	2.1	24.9	2, 270, 87	5 90.9 7 94.1	Painting and decorating. Plastering and lathing	3, 291, 574 3, 578, 820	561 5, 743	(8)	(3)	15,745,477	97.5 92.7
Dredging, river, harbor, etc Railroad Foundation Central station, light and	2, 117, 874 1, 292, 978 120, 546	135, 858 394, 227 51, 600		3 30. 5 2 42. 5	5, 441, 45 578, 01	5 91.2 3 58.5	Roofing and Sneet-metal work Roofing Stoel erection Stone.work.	4 8, 179, 413 4, 023, 033 14, 340, 500 2, 357, 044	7, 903 7, 903 4, 193 2, 024 278, 37		$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		97.5
power plant Air transport work Refuse disposal plant	370, 647 252, 152 100, 308	87, 902	2 .	1 8.3 4 34.4 2.8	2, 165, 54 530, 05 377, 61	2 77.5 8 98.5 8 78.5	Excavating Highway	419, 381	10, 85	*I*	1 2.0	6, 563, 660 1, 190, 193	88.3 90.7
Subway (other than buildings) Radio tower, etc		1, 769, 060 9, 510	3 8. ) ( <sup>8</sup> )	11.7	50, 457, 03 260, 85	0 92.0 7 75.1	Tile, facing, terra cotta floor and wall	,					
Subcontractors Carpentering and wood-		3, 702, 090	6 16.	2. 4	\$ 354,573,84	8 95.1	All classes		·			895, 167, 345	
flooring	3, 082, 308	i 2, 274, 52 <sup>4</sup>	1 10.	4 32.4	9, 077, 18 18, 802, 99	8 95.3	General contractors <sup>2</sup> Building	4 109,605,759 53,195,324		1 23. 1 23.	4 1.1 3 3.0	5 * 540,593,497 363,705,778	58.6 5 44.2
flooring Concreting Electrical Elevator construction	18, 050, 960 15, 698, 798	3 10, 67 3 15	$\begin{pmatrix} 0 & (3) \\ 0 $	(3)	44, 981, 91 24, 036, 97 5 104,965, 97	2 97.7	Building not special- ized <sup>2</sup> Commercial building	44, 825, 150	1, 237, 23	9 17.	8 2.5	8 819, 266, 044	
Heating and plumbing Heating and piping	- 4 52, 994, 74 17, 756, 87 30, 905, 44	1 2, 18	9  ( <sup>8</sup> )	(3) (3) (3) (3)	36, 945, 45	4 90.9	Manufacturing build.	- 1,004,87	1		9 3.9		1
Blevator construction- Heating and plumbing Heating and piping Plumbing combined	2, 073, 92	6 1, 20	0 (8)	1	4, 134, 20	3 98.7	Residential building	- 200, 40			1 2. 5 4.		2 40.3
Painting and decorating.	3, 291, 57	4 2,81 9 2,00	7 (3) 0 (3)		1 15,745,4 2 2,595,0	77 97.5	Sewer, gas, water, con-	10, 217, 80	1	1	(3)	40, 257, 893	3 94.3
Plastering and lathing Roofing and sheet-metal	3, 578, 82	0 379,04	1 1.	1			Waterworks.	2, 888, 89	8 67	70 (8)	(3) (3)	6, 574, 70	7 04.1
Sheet-metal work	2, 391, 46	3 34,20	9	2 2 ( <sup>3</sup> )	5 21, 226, 1 9 10, 311, 0 6, 441, 3	64 97.4 53 95.2	etc. Refuse disposal plant	100, 30	4 7,00 8 7	)0 73 ( <sup>3</sup> )	1 .	3 7, 305, 48 1 377, 61	
Roofing and sheet-meta combined Steel erection	1,764,91	9 4,91 0 73,87	5 ( <sup>3</sup> )	8	5 23, 163, 4	961 97.5				94 (3)		50, 457, 03	1
Stonework Marble and tiling	2,357,04	4 14,75 6 191,86	5.	1 9 1.	6 5,552,3 7 26,515,5	19  88,8 09  98,3	Carpentering and wood	- 1	8 3 19	21 (3)		4 354,573,84 1 9,077,18	
Excavating Ornamental iron	5, 250, 79	4 3	$\binom{0}{2}$ (3)	1 6.	10, 234, 2 1 1, 190, 1	93] 96.7	Heating and plumbing. Plumbing	' 52, 994, 74 80, 905, 44	7 5,5 0 5,4	76	1 ( <sup>3</sup> ) 1 ( <sup>3</sup> )	\$ 104,965,97 58,630,00	6 95.6
Highway. Bridge and culvert Grading. Foundation Rental of equipment	11, 52 13, 79 616, 17	3 4,98 8 4,11 3 88,00	3 ( <sup>3</sup> ) 0 ( <sup>3</sup> ) 6 .	43. 29. 4 14.	2 41,9 8 126,5 3 2,279,0	97 100.0 36 97.0 03 81.5	Plumbing and heatin combined Masonry Plastering and lathing	g 2, 073, 92 5, 555, 85 3, 578, 82	1 101, 5	00 ( <sup>3</sup> ) 72 1 40 ( <sup>3</sup> )	. 5  1.	4, 134, 20 8 14, 427, 91 17, 680, 62	4 96.6
trucking, etc Flooring, n. e. s	13, 18		35 )8 (³)	1 100.	0 87, 1 2 2, 679, 4	50 100.0 73 96.8	B work Roofing	8, 179, 41 4, 023, 03	3 32.8	89 23	.5 .	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	34 97.4
Brick (face, common fire, paving, etc.)	•						Sheet-metal work Roofing and sheet met combined	2, 391, 40 al 1, 764, 91	9,0	66] 00 (3)	i .	4 6, 441, 38 1 4, 478, 60	39 96.1
All classes					6 895, 167, 3	_	Marble and tiling	11, 132, 5	5, 182, 3	66 74	. 4 46.	6 26, 515, 50	DO 98.3
General contractors <sup>2</sup> Building Building not special	53, 195, 32	50 8, 464, 42 24 8, 011, 20	27 69 01 66	0 15.	7 540,593,4 1 363,765,7	75 44.5	2 marble					0 000 100 0	45 70.9
ized <sup>2</sup>	44, 825, 15								28 10, 021, 1 59 3, 068, 6			8 895, 107, 3 8 540,593, 4	07 58.6
only Manufacturing build	- 1,664,87			2 8. 8 45.			Building Building not specia	53, 195, 3 1-	24 1, 595, 2	11	5.9 3	. 0 363, 765, 7	70 49-2
ing only Residential building only	6, 498, 80	649, 0	59 5	3 10.	0 32, 195, 0	22 49.	3 Commercial buildin	44, 825, 1				. 3 319, 266, 9 . 4 11, 304, 5	
Highway Bridge and culvert	15, 217, 99 3, 096, 50	)8 121,51 )3 14,94	[6] I.	1	8 40,257,8 5 11,854,6 2 1,919,8	576 82. (	Manufacturing build	1-		229 (3		.1 930,2	
Grading Street paving Sewer, gas, water, con	- 11, 374, 72	118,8	79 `1	0 1.			8 Residential buildin only	g 6, 498, 8	95 79,0	033	.8 1	. 2 32, 195, 0	22 49.3
duit	3,625,18	52 <sup> </sup> 59, 35	221	5 1.	6 12,809,0	501 94.	1 / Highway	15, 217, 9	98 121, 6	9491	1. 2	, 8  40, 257, 8	

See footnotes at end of table.

4

#### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

·		COST OF I MAT	DESIGN	ATED		it of e by			COST OF 1	DESIGN	ATED		t of sby
KIND OF MATERIAL AND	Cost of all materials		Per ce	nt of—	Value of	er cent s done l	KIND OF MATERIAL AND	Cost of all		Per ce	nt of-	Value of	r cent i done j
CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	all ited als	construc- tion busi- ness	Indicated per all business d own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	cost	all als	tion busi- ness	Indicated per all business d own force <sup>1</sup>
			Total c	Cost of all distributed materials		dicat all bu own			Amount	Total e	Cost of all distributed materials	i cito	di bu: Wn fe
			н Н	0.5 H		<u> </u>				T.	598 		
NEW YORK-Continued	:	*					NEW YORK-Continued				. *	•	
Cut stone, granite and marble-Continued						- 1 s	Cement-Oontinued Subcontractors-Contd	Dollars	Dollars			Dollars	
General contractors-Oon. Bridge and culvert	Dollars 3, 096, 503	Dollars 273, 245	2.7		Dollars 11, 854, 576	82.0	Highway Bridge and culvert	400, 114	10,030	(3)	2.5 9.4	1, 190, 193 41, 997	96.7 100.0
Grading Street paving Sewer, gas, water, con-	11, 374, 727	50 981, 032		( <sup>3</sup> ) 8.6	1, 919, 336 34, 024, 772	96. 2 91. 3	Grading Foundation Flooring, n. e. s	- 616,173	1, 659 91, 093 18, 189	0.4	12,0 14,8 1.6	126, 536 2, 279, 003	97.0
Dam and reservoir	3, 625, 152 456, 558	47,568	(1)	.1		94.1 90.9	Structural steel*	1, 101, 110	10,100		1.0	2,010, 410	96.8
Waterworks Dredging, river, harbor, etc	2, 888, 893 2, 117, 874	12, 481 24, 000	.2	·4	1		All classes	205, 337, 828	24, 048, 023	100. 0	9.1	895, 167, 345	70. 9
etc Railroad Foundation Refuse disposal plant	1, 292, 978	8,204 5,000	(3)	4.1	5, 441, 455	01.2 58.5	General contractors <sup>2</sup> Building	- 53, 195, 324	9, 507, 570 3, 920, 807	39.5 16.3	8.7 7.4	<sup>3</sup> 540, 593, 497 363, 705, 775	58.6 44.2
Subway (other than buildings)	100, 308 15, 106, 328	2, 180 2, 596		2.2 ( <sup>3</sup> )	377, 618 50, 457, 030		Building not special- ized <sup>2</sup> Commercial building	- 44, 825, 150	3, 785, 561	15.7	8.4	319, 266, 944	43, 3
Subcontractors Carpentering and wood-		6, 952, 473	1.				Manufacturing build-	- 1, 664, 876		1			50.6
Carpentering and wood- flooring	3, 062, 308	6, 154 23, 170	.1	.2	9, 077, 137 18, 802, 998	87.8 95.3	Residential building	- 206, 404				1	
flooring. Ooncreting Heating and plumbing Plumbing.	4 52, 994, 747 30, 905, 440	487		I X	P 104, 965, 976	1 90,0	Highway Bridge and culvert	6, 498, 895 15, 217, 998 3, 096, 503	279, 321	1.2	1.8 1.8 9,4	40, 257, 893	94.3
Masonry Roofing and sheet-metal	5, 555, 851 4 8, 179, 413	53, 803 1, 208	.5	1,6			Street paving	331, 426 11, 374, 727	6, 178	(3)	1.9	1, 919, 336	96.2
A talming Masonry Roofing and sheet-metal work	4, 023, 033	1,208 5,385	(3)	(8) (3) (3) 91.1	<sup>5</sup> 21, 226, 116 10, 311, 064 23, 163, 496	97.4	Sewer, gas, water, con- duit Dam and reservoir	3, 025, 152 456, 558	45, 343 3, 896	(3).2	1.3	12, 809, 501 2, 270, 875	94, 1 90, 9
Stonework Marble and tiling	2, 357, 044 11, 132, 556	2, 147, 234 4, 686, 688	21.4 46.8	1 42.1	23, 163, 496 5, 552, 319 26, 515, 509	98.3	Dredging, river, harbor,	2, 888, 893	65, 454	.3	2, 3	6, 574, 707	94.1
Excavating Flooring, n. e. s	419, 381 1, 157, 779	10, 050 18, 294	.1	2.4 1.6	6, 563, 660 2, 679, 473	88, 3 96, 8	ete Railroad Refuse disposal plant	2, 117, 874 1, 292, 978 100, 308	167, 372	, 1 . 7 . (3)	1.6 12.9 6.5	5, 441, 455	91.2
Cement * All classes	265, 337, 828	20, 464, 497	100.0	7.7	895, 107, 345	70.9	Subway (other than buildings) Radio tower, etc		4, 643, 210	19.3	30. 7	50, 457, 030	92.0
General contractors 2	109, 605, 759	16, 960, 030	82.9	15.5	\$ 540, 593, 497	58.6	Subcontractors	58, 345 4155, 732, 069	12, 374 14, 540, 447		21.2 9.3	260, 857 \$354, 735, 848	
Building Building not special- ized <sup>2</sup>	53, 195, 324 44, 825, 150	5, 543, 088 5, 029, 005		10.4 11.2		44. 2 43. 3	flooring	3, 062, 308	200	(3)	(3)	9, 077, 187	87.8
Commercial building only Manufacturing build-	1, 664, 875	124, 874					Concreting Elevator construction Heating and plumbing	6, 994, 464 15, 698, 798 152, 994, 747	32, 900 6, 698 2, 767 2, 327	(3) (3)	(3) (3) (8)	18, 802, 998 24, 036, 972 5104, 965, 976	95, 3 97, 7 95, 6
Besidential building	206, 404	29, 523	.1	14. 3	939, 255	63.8	Plumbing	17, 756, 871 30, 905, 440	440	(9)	(3)	36, 945, 454 58, 630, 065	90. 9 97, 7
only Highway Bridge and culvert Grading Street paving	6, 498, 895 15, 217, 998	359, 686 5, 365, 214	26.2		82, 195, 022 40, 257, 893	$\begin{array}{c} 49.3\\ 94.3\end{array}$	Masonry Roofing and sheet-metal work	5, 555, 851 8, 179, 413	82, 338 2, 621	.1	. 6	14, 427, 914 21, 226, 116	96. 6 96. 4
Grading Street paying	3, 096, 503 331, 426 11, 374, 727	621, 786 42, 653 2, 765, 861	, 2	12.9	11, 854, 576 1, 919, 336 34, 024, 772	82.0 96.2 91.3	Roofing Sheet-metal work	4, 023, 033	1, 825 600	(3) (3)	(8) (3) (3)	10, 311, 064 6, 441, 383	97.4 95.2
Sewer, gas, water, con- duit. Dam and reservoir	8, 625, 152	406, 784	2.0	11.2		94,1	netal combined	1, 764, 919	190	( <sup>3</sup> ) 56. 3	( <sup>3</sup> ) 94, 4	4, 473, 669 23, 163, 496	96. 1 97, 5
Dam and reservoir Waterworks Dredging, river, harbor,	456, 558 2, 888, 893	158, 214 69, 199	.8	34. 7 2. 4	12, 809, 501 2, 270, 875 6, 574, 707	90.9 94.1	Steel erection Marble and tiling Excavating Ornamental iron	14, 340, 500 11, 132, 556 419, 381	21,275	(3)	(3) 5.1	26, 515, 509 6, 563, 660	98, 3 88, 3
Bailroad	2, 117, 874 1, 292, 978	136, 427 274, 412	1.3	6.4 21.2	7, 305, 489 5, 441, 455	91.2	Bridge and culvert	5, 250, 794 400, 114 11, 523	543, 288 122, 887 201	2.3 .5 ( <sup>3</sup> )	10.3 30.7 1.7	10, 234, 258 1, 190, 193 41, 997	
Foundation Central station, light and	120, 546 370, 647	49, 650 23, 603	.2	41, 2 6, 4	578, 013 2 165 542	1	Grading Dredging, river, harbor,	13, 798	1, 400	(a)	10.1	126, 536	97. 0
Air transport work	252, 152 100, 308	125, 700 3, 541	.6	49. 9 3. 5	2, 165, 542 530, 058 377, 618	98.5 78.5	ete Motal work, n. e. s	143, 730 1, 025, 709	60, 210 179, 528	. 3 . 7	41.9 17,5	441, 154 1, 699, 677	97, 7 95, 9
buildings)	15, 106, 328	1, 373, 898	6.7	9. 1	50, 457, 030	92, 0	Reinforcing steel	- 44					
Subcontractors Carpentering and wood flooring	155, 732, 069	3, 504, 467 84, 964			354, 573, 848 0, 077, 137	95.1 87.8	All classes General contractors <sup>2</sup>	205, 337, 828	5, 035, 192 3, 933, 092	100.0 78.1		895, 167, 345	70. 9 58. 6
Concreting Electrical Heating and plumbing	3, 062, 308 6, 994, 464 18, 050, 966	2, 476, 905 5, 400 2, 396	12 1	35. 4 ( <sup>3</sup> ) ( <sup>8</sup> )	9, 077, 137 18, 802, 998 44, 981, 919 104, 965, 976 36, 945, 454 58, 630, 065	95. 3 97. 9	Building not special-	53, 195, 324	1, 705, 396	33, 9	3, 2	363, 765, 775	44. 2
Heating and plumbing Heating and piping Plumbing	4 52, 994, 747 17, 756, 871 30, 905, 440	2, 396 439 1, 557	(0) 1	(3) (3) (3)	104, 965, 976 36, 945, 454 58, 630, 065	95.6 90.9 97.7	Commercial building	44, 825, 150 1, 664, 875	1, 646, 979 28, 508	32.7 .6	3.7 1.7	319, 266, 944 11, 364, 554	43, 3 50, 6
Plumbing and heating combined	2,073,926	400	I	(8)	4, 134, 203	98.7	only Manufacturing build- ing only Residential building	206, 404	23, 303	.1	1.4	939, 255	63, 8
Masonry Painting and decorating	5, 555, 851 3, 291, 574	455, 257 1, 340 3, 000	(3) 2.2 (8) (8)	8, 2 ( <sup>3</sup> )	4, 134, 203 14, 427, 914 15, 745, 477 2, 595, 043 17, 680, 627	96.6 97.5 99.8	only	6, 498, 895 15, 217, 998	27, 113 1, 225, 642	. 5 24, 3	.4 8.1	32, 195, 022 40, 257, 893	49.3 94.3
Glass and glazing Plastering and lathing Roofing and sheet-metal	1, 284, 689 3, 578, 820	3, 000 138, 516	.7	3.9		92.7	Highway Bridge and culvert Grading	3, 096, 503 331, 426	214, 663 5, 065	4.3	$6.9 \\ 1.5$	11,854,576 1,919,336	82.0 96.2
work Roofing Roofing and sheet	<sup>4</sup> 8, 179, 413 4, 023, 033	6, 467 5, 296	(3) (3)	. 1 . 1	<sup>\$</sup> 21, 226, 116 10, 311, 064	96.4 97.4	Street paving Sewer, gas, water, con-	11, 374, 727	285, 927	5.7	2. 5	34, 024, 772	91, 3
Roofing and sheet metal combined Steel erection	1, 764, 919 14, 340, 500	1, 171 50, 365	<sup>(3)</sup> .2	.1	4, 473, 669 23, 163, 496 5, 552, 319	96.1 97.5	duit Dam and reservoir Waterworks	3, 625, 152 456, 558 2, 888, 893	74, 435 18, 413 1, 619	1.5 4 (3)	2.1 4.0 .1	12, 809, 501 2, 270, 875 6, 574, 707	94. 1 90, 9 94. 1
Stonework. Marble and tiling	1,764,919 $14,340,500$ $2,357,044$ $11,132,556$ $419,381$ $5,550,704$	50, 365 7, 368 159, 631	(3) .8 .2	. 3 1. 4	5, 552, 319 26, 515, 509	-88 8 II	Dredging, river, harbor,	2, 117, 874	37, 670	.7	1.8	7, 305, 489	92.0
Excavating Ornamental iron	419, 381 5, 250, 794	40, 713 95	• 2	9.7 ( <sup>3</sup> )	26, 515, 509 6, 563, 660 10, 234, 258	88.3 94.8	etc Railroad Foundation	1, 292, 978 120, 546	52, 939 4, 336	1.1	4, 1 3, 6	5, 441, 455 578, 013	91. 2 58. 5
Charles and the second se	A 1.11												

.

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D		TED		by	•		COST OF D	ESIGN. ERIAL	ATED		by b
	Cost of all		ERIAL Per cei	nt of	Value of	cent done l		Cost of all		Per co	nt of—	Value of	done l
CLASSIFICATION OF ESTAB-	materials listributed	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			construc- tion busi-	per ness ce 1	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed		st.	le dal	construc- tion busi-	Indicated per allbusiness d own force <sup>1</sup>
LISHMENTS	by kind	Amount	el cost	of a ibut terial	ness	cated busi		by kind	Amount	al cost	Cost of all distributed materials	ness	lous 1bus 71 fo
			Total	Cost of all distributed materials		Indicated per all business d own force <sup>1</sup>				Total (	Cos distr ma		9 <b>2</b> 2
NEW YORK-Continued							NEW YORK-Continued						· .
Reinforcing steel-Con.							Lumber, rough and finished—Contd.						10
General contractors—Con. Central station, light and	Dollars	Dollars			Dollars		General contractors-Con.	Dollars	Dollars		,	Dollars	i. Ir
power plant	370, 647 252, 152	3, 181 30, 000	0.1	0.9	2, 165, 542 530, 058	77.5 98.5 78.5	Dam and reservoir	456, 558 2, 888, 893	26, 130 44, 138	0, 2 . 3		2, 270, 875 6, 574, 707	90, 9 94, 1
Refuse disposal plant Subway (other than buildings)	100, 308 15, 106, 328	2,244 271,562		2.2 1.8	377, 618 50, 457, 030	92.0	Dredging, river, harbor, etc Railroad	2, 117, 874 1, 292, 978	700,585 130,348	.8		7, 805, 489 5, 441, 455	91.2
	155,732,069	1, 102, 100		1.1	\$ 354,573,848	95.1	Central station, light and	120, 546 370, 647	2, 500 9, 988	( <sup>3</sup> )	2, 1 2, 7	578, 013 2, 105, 542	
flooring	3, 062, 308 6, 994, 464	46, 060 866, 573	17.2	1.5 12,4		87.8 95.3	power plant Air transport work Refuse disposal plant	252, 152 100, 308		(8)	1.2 1.7	530, 058 377, 618	98.5
Heating and plumbing	18, 050, 966 52, 994, 747	1,000 487	(3) (3)	, <sup>3</sup> ) · (3) ·	44, 981, 919   <sup>s</sup> 104, 965, 976	97.9 95.6	Subway (other than buildings)	15, 106, 328	2, 157, 911	13. 9		50, 457, 030	92.0
Masonry Painting and decorating	30, 905, 440 5, 555, 851 3, 291, 574	487 16, 448 77	.3	(3) . 3 (7)	58, 630, 065 14, 427, 914 15, 745, 477	07.7 96.6 97.5	Radio tower, etc	58, 345 4 155,732,069	3, 512 2, 641, 853	( <sup>3</sup> ) 17.1	0.0 1.7	200, 857 \$ 354,573,848	- ÷
Plastering and lathing	1, 234, 689 3, 578, 820	2, 500 9, 328	<sup>(3)</sup> .2	.2	2, 595, 043	99.8	Subcontractors Carpentering and wood flooring	3, 062, 308	1, 761, 019	11.4	57.5	9, 077, 187	87.8
Steel erection Marble and tiling Excavating	14, 340, 500 11, 132, 556 419, 381	11, 636 5, 234	9	.1	96 515 500	023	Concreting Electrical Elevator construction	6, 994, 464 18, 050, 966 15, 698, 798	612, 404 1, 794 988	(°) (3)	8.8 ( <sup>3</sup> ) ( <sup>8</sup> )	44, 981, 919 24, 036, 972	97.0
Excavating Ornamental iron Highway Bridge and culvert	5, 250, 794 400, 114	12.073	.2	.8 3.0	10, 234, 258	1	Heating and plumbing Heating and piping	4 52, 994, 747 17, 756, 871	7, 893 3, 154	(3) (3)	(3) (8) (3) (3) (3)	104,965,976 36, 945, 454	95. 6 90. 9
Foundation	11, 523 616, 173	3, 435 61, 971	.1 1.2	29.8 10.1	41, 997 2, 279, 003	100.0 81.5	Plumbing Plumbing and heating combined	30, 905, 440 2, 073, 926	4, 639 100	( <sup>8</sup> )	(°) (8)	58, 630, 065 4, 134, 203	1
Ornamental metal work	0.00 000 000	r 000 011	100.0			-	Masonry Painting and decorating	5, 555, 851 3, 201, 574	30, 423 7, 231	.2	.5 .2 .4	14, 427, 914 15, 745, 477	96.0 97.5
All classes	109,605,759	359, 616			895, 167, 345 540,593,497	70.9	Glass and glazing Plastering and lathing Roofing and sheet-metal	1, 234, 689 3, 578, 820	4, 500 6, 277	(8) (3) (3)	.4	2, 595, 043 17, 680, 627	99.8 92.7
Building not special-	4 53, 195, 324	334, 980	6.7	. 6	4 36, 765, 775	44.2	work Roofing	8, 179, 413 4, 023, 033	41, 163 34, 623	.3	.5	21, 226, 116 10, 311, 064	97.4
ized <sup>2</sup> Commercial building only	44, 825, 150 1, 064, 875				319, 206, 944 11, 364, 554		Sheet-metal work Roofing , and sheet metal combined	2, 391, 461 1, 764, 919	5, 280 1, 254	( <sup>3</sup> )	.2	6, 441, 383 4, 473, 669	1
Residential building only.	6, 498, 895	20, 989	.4		32, 195, 022	49.3	li Steel erection	1 14 340 500	. 27, 746 2, 033	(1).2	.2 .1	23, 163, 498 5, 552, 319	97.5 88.8
Highway Bridge and culvert Waterworks	15, 217, 998 3, 096, 508 2, 888, 893	6, 037	1 .1	.1 .2 ( <sup>8</sup> )	40, 257, 893 11, 854, 576 6, 574, 707	94.3 82.0 94.1	Stonework Marble and tiling Wrecking Exception	11, 132, 556 8, 015 419, 381	1, 572 5, 250 77, 462	( <sup>8</sup> )	(3) 65. 5 18. 5		99, 0
Subway (other than	15, 106, 328	6, 511	.1	(3)	50, 457, 030	92.0	Excavating Ornamental iron Highway Bridge and culvert	5, 250, 794 400, 114	1,600 82	(8) (8)	(3) (3)	10, 234, 258 1, 190, 193	94.8 96.7
Subcontractors4	58, 345 155,732,069			1.3	260, 857 \$ 354,573,848	75. 1 95. 1	Dredging, river, harbor,	13, 798	1, 825 2, 208	(3) (8)	15.8 16.0	41, 997 126, 536	100.0 97.0
flooring	3, 062, 308	250		(8)	9, 077, 137 44, 981, 919		Foundation	143, 730 616, 173	1, 544 35, 945	( <sup>3</sup> )	1.1 5.8	441, 154 2, 270, 003	81.5
Elevator construction	18, 050, 966 15, 698, 798 52, 994, 747	3, 300 13, 000 8, 025	. 2	(3) . 1 (3)	44, 981, 919 24, 036, 972 3 104,965,976	97.9 97.7 95.6	Metal work, n. e. s Flooring, n. e. s	1, 025, 709 1, 157, 779	8, 394 2, 500	( <sup>3</sup> )	.8 .2	1, 699, 677 2, 679, 473	
Heating and piping	17, 756, 871 1, 234, 689	8, 025 10, 000	.2	( <sup>8</sup> ) . 8	36, 945, 454 2, 595, 043	90, 9 99, 8	Millwork						
Roofing and sheet-metal work	3, 578, 820 8, 179, 413	1, 466 73, 209	1.5	(3) . 9	17, 680, 627 21, 226, 116	92.7 96.4	All classes General contractors 2	265, 337, 828				805, 107, 345 540,593,497	<b>-</b>
Roofing Sheet-metal work Roofing and sheet	4, 023, 033 2, 391, 461	9, 015 58, 827	.2 1.2	2, 5	10, 311, 064	97.4	Building Building not special-	53, 195, 324	4, 821, 216	86. 6	9, 1	363, 765, 775	44.2
metal combined Steel erection	1, 764, 919 14, 340, 500	5, 367 150, 031 27, 658	.1 3.0	. 3 1. 0	4, 473, 669 23, 163, 496	96. 1 97. 5	ized <sup>2</sup> Commercial building	44, 825, 150 1, 064, 875				319, 266, 944 11, 364, 554	
Stonework	2, 357, 044 11, 132, 556 5, 250, 794	6, 675]	.1	1.2	26, 515, 509	88.8 98.3	only Manufacturing build- ing only Residential building	206, 404	1, 132		.5	930, 255	
Lumber, rough and	0, 200, 194	4, 349, 581	86. 9	82.8	10, 234, 258	04.8	Only Flighway	6, 498, 895 15, 217, 998	1, 047, 803 4, 807	18, 8	16.1	32, 195, 022 40, 257, 893	49.3 94.3
finished All classes 2	265, 337, 828	15 490 900	100. 0	* 0	005 105 045	70.0	Bridge and culvert	3, 096, 503 331, 426	542 4,060	( <sup>8</sup> )	(ð) (ð) 1.2	11, 854, 576 1, 919, 336	82.0 96.2
General contractors 2	109, 605, 759	12,850,967	82.9	11.7	895, 167, 345 540, 593, 497	70.9	Street paving Sewer, gas, water, con- duit	11, 374, 727 3, 625, 152	250 2, 000	1.1		34, 024, 772 12, 809, 501	
Building not special.			57.3	16.7	36, 765, 775	44. 2	Railroad	456, 558 1, 292, 978	816 593	(3) (3)	( <sup>3</sup> )	2, 270, 875 5, 441, 455	90.9 91.2
Commercial buildings l	44, 825, 150 1, 664, 875	6, 534, 941 607, 714	42.2 3,9	14. 6 36. 5	319, 266, 944 11, 364, 554	43. 3 50. 6	Refuse disposal plant Subway (other than buildings)	100, 308 15, 106, 328	275		.3	377, 618	78.5
only Manufacturing build- only Residential building	206, 404	11, 236	.1	5.4	939, 255	63.8	Subcontractors	15, 106, 328	3, 802 734, 500			50, 457, 030 \$ 354,573,848	
Bridge and culvert	6, 498, 895 15, 217, 998	1, 726, 386 206, 997	$11, 1 \\ 1, 3$	$26.6 \\ 1.4$	32, 195, 022 40, 257, 893	49, 3 94, 3	Carpentering and wood flooring Heating and plumbing		717, 624	12.9	23.4	9, 077, 137	87.8
Grading	3, 096, 503 331, 426	206, 997 349, 228 28, 829	1.3 2.3 .2	11.3 8.7	11, 854, 576 1, 919, 336 34, 024, 772	82.0	Plumbing Painting and decorating	30, 905, 440 3, 291, 574	561	.1	31	4 104,965,970 58, 630, 065 15, 745, 477	97.7 97.5
Sewer, gas, water, con-	11, 374, 727 3, 625, 152	59, 817 245, 841	. 4 1. 6	.5 6.8	34, 024, 772 12, 809, 501	1.1.1	Marble and tiling Dredging, river, harbor, etc	11, 132, 556	275	(8)	(3) ( <sup>8</sup> )	26, 515, 505	98.3
See footnotes at end of				21.01		1.		140,730	13, 040	.2			1. 51. 1
	•									$1 \times 76$		وريق والمراجع	11° 1

#### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

· .		COST OF I MAT	ESIGN ERIAL	ATED		cent of done by			COST OF 1	DESIGN	ATED		nt of te by
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials		Per ce	·	Value of construc-	per ce ess doi e i	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials			nt of-	Value of construc-	per cent
LISHMENTS	distributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>	LISEMENTS	distributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d
NEW YORK-Continued							NEW YORK-Continued						
Paints, varnishes, glass	Dollars	Dollars	100.0		Dollars		Roofing and sheet metal-Continued		·				
All classes	265, 337, 828	5, 376, 248 749, 067	100.0	.7	540,593,497	58.6	Subcontractors Carpentering and wood	Dollars 4155, 732, 069	Dollars 7, 995, 032	92, 5	5.1	Dollars \$354, 573, 848	95
Building Building not special-	53, 105, 324	676, 477	12.6	1.3	363, 765, 775	44. 2	flooring Electrical Heating and plumbing	3, 062, 308 18, 050, 966	1,000	(8)	(3)	44, 981, 919	)  97
ized <sup>2</sup> Commercial building only	44, 825, 150 1, 664, 875	504, 485 32, 704			319, 266, 944 11, 364, 554	1	Heating and plumbing Heating and piping Pipe covering	1 17 756 871	781,649	9.0	$1.9 \\ 4.4$	104, 965, 976 36, 945, 454	95
Manufacturing build- ing only	200, 404	113		.1		1	Plumbing and heating	830, 314 30, 905, 440	13, 000 190, 757	. 2 2, 2	1.6 .6		99 97
Residential building	0, 498, 895 15, 217, 998	139, 175	2.6	2.1			Painting and decorating	2,073,926	29, 722 610	(3)	1.4 (3)	4, 134, 203 15, 745, 477	-08 97
Highway Bridge and culvert Grading	3, 096, 503	3, 900 3, 705 256	, 1	(3) .1 .1	1 11.854.576	82.0	Roofing and sheet-metal work		6, 913, 499	80.0	84.5	21, 226, 110	
Street paving Sewer, gas, water, con-	331, 426 11, 374, 727	5, 923	( <sup>3</sup> )	.1	1, 919, 330 34, 024, 772	90. 2 91, 3	Roofing Sheet-metal work Roofing and sheet metal		3, 362, 686 1, 936, 534	38, 9 22, 4		10, 311, 064 6, 441, 383	97 95
duit Dam and reservoir	3, 625, 152 456, 558	31, 630 4, 262	.6 .1 .1	.9	12, 800, 501 2, 270, 875	94, 1 90, 9	acombined	1 1 764 010	1, 614, 279 39, 198	I F		23, 163, 496	3 97
Waterworks	2, 888, 893	4, 262 7, 102		ł .	6, 574, 707		Steel erection Marble and tiling Wreeking Excernating Dredging, river, harbor, etc	11, 132, 550 8, 015	3, 606 840		( <sup>8</sup> ) 10.5	26, 515, 509	99
Dredging, river, harbor, etc. Railroad	2, 117, 874 1, 292, 978	4, 770 3, 721	.1	2	7, 305, 489 5, 441, 455	92.0 91.2 58.5	Excavating Dredging, river, harbor,	419, 381	225		.1	6, 563, 660	
Foundation Refuse disposal plant Subway (other than	120, 546 100, 308	200 416	(3)	.2	578, 013 377, 618	78,5	Heating and ventilating	. 143, 730	13, 457	.2	9.4	441, 154	97
Subway (other than buildings) Radio tower, etc	15, 106, 328 58, 345	5, 973 732	( <sup>3</sup> ) <sup>1</sup>	( <sup>3</sup> ) 1.3	50, 457, 030 260, 857	92.0 75.1	equipment †			÷			
Subcontractors	155, 732, 069	4, 627, 181	86, 1		<sup>5</sup> 354, 573, 848	95,1	All classes		23, 472, 776			895, 167, 345	
Carpentering and wood flooring	3, 062, 308 6, 994, 464	72, 358 12, 201	1.3	2.4	9,077,137	87.8	General contractors <sup>2</sup> Building	4109, 605, 759 4 53, 195, 324	577, 704 545, 770	- 2.5 2.3	. ð 1. 0	\$540, 593, 497 \$363, 765, 775	58 44
flooring Concreting Electrical Elevator construction	18,050,960 15,698,798	12, 201 1, 240 374	3	(3) (3)	18, 802, 998 44, 981, 919 24, 036, 972	95, 3 97, 9 97, 7	Building not special- ized <sup>2</sup> Commercial building	44, 825, 150	374, 925	1, 6	.8	319, 266, 944	43
Heating and plumbing Heating and piping	4 52, 994, 747 17, 756, 871	21, 933	.4	(8) (3) (3)	104. 965. 978 <sup>1</sup>	95, 6	only Residential building	1, 604, 875	15, 000	.1	. 9	11, 364, 554	50
Plumbing Plumbing and heating	30, 005, 440	2, 110 19, 323		.1	30, 945, 454 58, 630, 065		only Highway	6, 498, 895 15, 217, 998	155, 845 2, 300 6, 500	.7 (3)	2.4 (³) 2.0	32, 195, 022 40, 257, 893	94.
combined Masonry	2,073,920 5,555,851	500 1,013	( <sup>3</sup> ) ( <sup>3</sup> ) 50. 6	( <sup>3</sup> ) ( <sup>3</sup> ) 97.4	4, 134, 203 14, 427, 914 15, 745, 477 2, 595, 043 17, 680, 627	98,7 96.6	Commercial building only Residential building only Highway Grading. Sewer, gas, water, conduit Dam and reservoir Wotorworks	331, 426 3, 625, 152	1,762	(3) (3)	2.0 ( <sup>3</sup> ) ( <sup>3</sup> )	1, 919, 336 12, 809, 501	96
Painting and decorating Glass and glazing Plastering and lathing	3, 291, 574 1, 234, 689 3, 578, 820	3, 205, 416 1, 193, 166 1, 700	50, 6 22, 2 ( <sup>3</sup> )	97.4 96.6 (3)	15, 745, 477 2, 595, 043 17, 880, 627	97, 5 99, 8 92, 7	Waterworks Central station, light and	456, 558 2, 888, 893	12 8, 216	(3) (3) (3)	(*) . 3	12, 809, 501 2, 270, 875 6, 574, 707	90. 94.
Roofing and sheet-metal		20, 174	. 4			96,4	power plant Refuse disposal plant	370, 647 100, 308	5, 388 7, 756	(8) (3)	$1.5 \\ 7.7$	2, 165, 542 377, 618	77. 78.
work Roofing	4, 023, 033 2, 391, 461	8, 815 3, 419	.4 .2 .1	.2 .2 .1	21, 226, 116 10, 311, 064 6, 441, 383	97.4 95.2	Subcontractors	155, 732, 069	22, 895, 072	97, 5			
Roofing and sheet metal combined	1, 764, 919	7, 940		.4	4, 473, 669	96.1	Electrical Elevator construction	15 608 798	709,358 50,000	3.0	3.9	\$354, 573, 848 44, 981, 919 24, 036, 972	97. 97.
Storework.	14, 340, 500 2, 357, 044 11, 132, 556	36, 236 8, 101 3, 282	.1 .7 .2 .1	.3	23, 163, 496 5, 552, 319 26, 515, 509	97.5 88,8 98,3	Heating and plumbing Heating and piping Pipe covering	4 52, 994, 747 17, 756, 871 830, 314	21, 734, 173 15, 213, 088 793, 498	92, 6 64, 8 3, 4	41.0 85.7 95.6	<sup>5</sup> 104, 965, 976 36, 945, 454 2, 391, 669 58, 630, 065	95 90 99
Wrecking	11, 132, 030 8, 015 419, 381	3, 282 280 125	(3) (3)	(3) 3.5 (3)	93, 537 6, 563, 660	99.0 88.3	Plumbing Plumbing and heating	30, 905, 440	4, 638, 547	19.8	15, 0	58, 630, 065	97
Ornamental iron Highway	5, 250, 794 400, 114	8, 634 4, 700	(3) $(3)$ $(3)$ $(2)$ $(3)$	( <sup>3</sup> ) 1, 2	10, 234, 258 1, 190, 103	94.8	combined Automatic tempera-		806, 631	3, 4	38. 9	4, 134, 203	
bredging, river, harbor,	143, 730 1, 025, 709	4, 250	. 1	3.0	441, 154	97.7	ture control	282, 409 5, 555, 851	282, 409 89	1.2 ( <sup>8</sup> )	100.0 ( <sup>3</sup> )	844, 066 14, 427, 914	99. 96.
Metal work, n. e. s Flooring, n. e. s	1, 025, 709 1, 157, 779	2, 193 29, 805	( <sup>3</sup> ) 6	2. 2 2. 6	1, 699, 677 2, 679, 473	95.9 96.8	Roofing and sheet-metal work Roofing	8, 179, 413 4, 023, 033	401, 360	$1.7 \\ .2$	4.9 1.2	21, 226, 116 10, 311, 064	96. 97.
Roofing and sheet metal				· .			Sheet-metal work Roofing and sheet metal	2, 391, 461	47, 600 302, 899	1.3	12.7	6, 441, 383	95.
All classes	265, 337, 828	8, 642, 990			895, 167, 345	70.9	combined Steel erection	1, 764, 919 14, 340, 500	50, 861 92	( <sup>3</sup> )	2.9 ( <sup>3</sup> )	4, 473, 669 23, 163, 496	96. 97.
Building	109, 605, 759 53, 195, 324	647, 958 631, 915	7.5 7.3	.6 1.2	540, 593, 497 363, 765, 775	$\begin{array}{c} 58.6\\ 44.2 \end{array}$	Plumbing and gas fit-						
Building not special- ized <sup>2</sup> Commercial building	44, 825, 150	497, 714	5.8	1.1	319, 266, 944	43.3	ting equipment † All classes	265, 337, 828	29 440 769	100.0	11.1	895, 167, 345	70.
only Manufacturing build-	1, 664, 875	4, 100	(3)	. 2	11, 364, 554	50.6	<ul> <li>Applied Applied A</li></ul>		740, 407	2, 5	·	· · · ·	
ing only Residential building	208, 404	3, 996	1.4.1	1.9	939, 255	63.8	Building not special-	4109, 605, 759 4 53, 195, 324	469, 069	1.6		⁴540, 593, 497 ⁴363, 765, 775	1.1
only Highway	6, 498, 895 15, 217, 998	126, 105 2, 134	1.5 ( <sup>8</sup> )	1.9 (3)	32, 195, 022 40, 257, 893	49.3	ized <sup>2</sup>	44, 825, 150	259, 856	.9		819, 266, 944	
Grading Street paving	831, 426 11, 374, 727	410 300	(3) (3) (3)	(3)	1, 919, 336 34, 024, 772	96.2 91.3	only Residential building only	1, 664, 875 6, 498, 895	15, 692 193, 521	.1	.9 3.0	11, 364, 554 32, 195, 022	1.
Sewer, gas, water, con- duit Dam and reservoir	$   \begin{array}{r}     3, 625, 152 \\     456, 558 \\     000   \end{array} $	2, 915 1, 172 3, 611	(3) (3) (3)	$^{.1}_{.3}$	12, 809, 501 2, 270, 875 6, 574, 707	94.1 90.9	Highway Bridge and culvert	6, 498, 895 15, 217, 998 3, 096, 503	193, 521 4, 142 1, 832	(3) (3)	(*), 1	32, 195, 022 40, 257, 893 11, 854, 576 1, 919, 336 34, 024, 772	94 82
Waterworks Dredging, river, harbor,	2, 888, 893	3, 611		. 1	1	94.1	Grading Street paving	331, 426 11, 374, 727	542 2, 829 39, 743	1 6 1 1	( <sup>3</sup> ) 1.1	1, 919, 336 34, 024, 772	96 91
etc Railroad	2, 117, 874 1, 292, 978	425 3, 036	(3) (3)	( <sup>3</sup> ) . 2	7, 305, 489 5, 441, 455	92.0 91.2	Dam and reservoir	331, 426 11, 374, 727 3, 625, 152 456, 558 2, 888, 893	39, 743 7, 773 152, 473	. 1	1,7	12, 809, 501 2, 270, 875 6, 574, 707	94 90
Subway (other than buildings) Radio tower, etc	15, 106, 328	1, 851 189		(1)	50, 457, 030	92.0	Waterworks Dredging, river, harbor,	2, 888, 893 2, 117, 874	152, 473 160		5.3 (3)	6, 574, 707 7, 305, 489	ł
Radio tower, etc.	58, 345	189	(8)	. 3	260, 857	75.1	etc	2, 117, 874	TÖÜ	(9)		1, 000, 409	. 02

TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued.

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

1. State 1.		Sed exclusiv											
		COST OF DI MATE		TED		e by	·		COST OF DI MATE		TED		cent of done by
			Per cer	t of—	Value of	cent done l		Cost of all		Per cer	nt 01—	Value of	n go c
KIND OF MATERIAL AND	Cost of all materials	-			construc- tion busi-	Indicated per all business d own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	materials distributed	ľ	tt	ls ed al	construc- tion busi-	Indicated per all business c own force <sup>1</sup>
CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	of al	ness	ted for	LISHMENTS	by kind	Amount	l cost	of ibut	ness	Cate Dus To fo
			Total	Cost of all distributed materials		all t owr				Total	Cost of all distributed materials		
			Ĕ	о́ё́н		H							
NEW YORK-Continued					1		NEW YORK-Continued						
Plumbing and gas fit-							Elevators, dumb-wait- ers and equipment	-				The Manua	
ting equipment-Con.							All classes	Dollars 265, 337, 828	Dollars 15, 645, 298	100. U	5. 9	Dollars 895, 167, 345	70. 9
General contractors—Con. Central station, light and	Dollars	Dollars 18, 820	.1	5.1	Dollars 2, 165, 542	77, 5		4 109,605, 759	42, 160	. 3	(3)	<sup>8</sup> 540,593, 407 8 363,765, 775	58. 6 44, 2
Refuse disposal plant	370, 647 100, 308	10,020	(3)	1.0		78.5	Building not special-	4 53, 195, 324	40, 864	.3		319, 266, 944	
Subway (other than buildings)	15, 106, 328	42, 026	.1	.3	50, 457, 030	1	ized ? Commercial building	44, 825, 150	34, 619	:	.4		
Subcontractors.	1155, 732, 069	28, 700, 362	97.5	18.4	\$354, 573, 848	1	only Residential building	1,664,875	6, 000 245	(3)	(3)		1
Carpentering and wood flooring Concreting	3, 062, 308 6, 994, 464	30,868	.1	.1		87.8 95.3	only Street paving	6, 498, 895 11, 374, 727 100, 308	109	(3) (3)	(3) 1.2	32, 195, 022 34, 624, 772 377, 618	91.3 78.5
Electrical Heating and plumbing	18,050,900	22, 550 28, 625, 267	97.2	. 1	44, 981, 919 104, 965, 970	97.9	Refuse disposal plant	100,000			1	<sup>\$</sup> 354,573, 848	
Heating and piping Plumbing		1, 239, 390	4.2 85.4	7.0	104, 965, 976 36, 945, 454 58, 630, 060	1 90.9 5 97.7	Subcontractors Carpentering and wood-	3, 062, 308	350	(3)	(3)	9,077,137	87.8
Plumbing and heating combined	2, 073, 926			53.5	4, 134, 203	98.7	flooring Electrical Elevator construction	18,050,966 15,698,798	14, 750 15, 572, 737	1. 99. U	99.2	44, 981, 919 24, 036, 972	2 97.7
Automatic sprinkler systems	1, 145, 787	1, 124, 544	3.8	98.1	2,020,51	96.1 4 96.6	Beating and plumbing Plumbing and heating combined	4 52, 994, 747	950	(*)	(3)	\$ 104,965, 976	
Masonry Roofing and sheet-metal	5, 555, 851	000		(3)	14, 427, 91 5 21, 226, 11		combined Masonry	2, 073, 926 5, 555, 851	950 2,800	(3) (3) (3) (3)	(3)	4, 134, 203 14, 427, 914	1 96.6
work Sheet-metal work	2, 391, 461	4, 210		(3)	6, 441, 38	3 95.2 6 97.5	Steel erection Ornamental iron	14, 340, 500 5, 250, 794	962	( <sup>3</sup> )	(3) (3)	23, 163, 49(10, 234, 250	5 14.8
Steel erection Marble and tiling	11, 132, 550	5 6, 597			26, 515, 50 6, 563, 66	9 98.3	Metal work, n. e. s	1, 025, 709	10, 364	.	1.0	1, 699, 67	1 80.0
Excavating	419, 38	220			0,000,00		Pipe: Cast-iron, sheet and tube steel, etc.			100		895, 167, 34	5 70,9
Electrical appliances and supplies*	<b>-</b> -						All classes	265, 337, 828		· · · · · · · · · · · · · · · · · · ·	20	3 540 503 49	7 58.6
All classes	265, 337, 82	8 17, 843, 937	7 100. (				General contractors 2 Building	4 109,605, 759 4 53, 195, 324	2, 893, 529 60, 119	1,	2,0	<sup>a</sup> 363,765, 77	5 44.2
General contractors <sup>2</sup> Building	4 109,605, 75		1 4.0 2 1.9	6	7 <sup>6</sup> 540,593, 49 3 <sup>8</sup> 363,765, 77	7 58.6 5 44.2	Building not special- ized <sup>2</sup>	44, 825, 150	28, 847		3.1	319, 266, 94	4 43.3
Building not special- ized <sup>2</sup>				4 .	6 319, 266, 94	4 43.3	nly Residential building	1, 864, 876	26, 822	2 .	5 1.6		
Commercial building only			ο .	1 .	9 11, 364, 55	4 50.6			5 4,450 183,774	3.	7 1.5	32, 195, 02 40, 257, 89	3 94.3
Residential building only	6, 498, 89	5 69, 11	3		1 32, 195, 02	2 49.3 3 94.3	Highway Bridge and culvert Grading Street paving Sewer, gas, water, con-	3, 096, 503 331, 420	5 56, 486	5 1. 3 ( <sup>3</sup> )		11, 854, 57 1, 919, 33	6 96.2
Highway Bridge and culvert	3, 096, 50	3 7,38	7 (3)	(3)	40, 257, 89 2 11, 854, 57 2 1, 919, 33	6 82.0	Street paving Sewer, gas, water, con-	11, 374, 72	90,459	1			
Grading Street paving	11, 374, 72	6 62 7 72,18	4	4			duit Dam and reservoir	456, 55	3 30, 617	7 .	6 6. '	7 2, 270, 87	)1 94,1 5 90,9 )7 94,1
Sewer, gas, water, con- duit	3, 625, 10		5 ( <sup>3</sup> )	1 3.	1 12,800,50 3 2,270,87	01 94, 1 75 90, 9	Waterworks Dredging, river, harbor,	2, 888, 893			1.11	1	
Dam and reservoir Waterworks	2,888,89	3 31,08	5 .	2 1.	1 6.574.70	)7 94, 1	etc Railroad	2, 117, 874	4 29, 284 6 2, 830	4 D .			5 91.2
Railroad Foundation Central station, light	. 120, 54	6 15		1.	1 578, 01		Central station, light and	370.64	7 80,00	0 .1.			2 77.5
and power plant	370, 64	7 176,40 8 7,63	0 1. 5 ( <sup>3</sup> )			12 77.5 18 78.5	Refuse disposal plant	_  100, 30	2 2, 900 8 35	2 (3)	1		
Subway (other than buildings)				8 1.	0 50, 457, 0	30 92.0	Subway (other than buildings)		8 433, 36	7 8,			1
	4 155,732,00	9 17, 030, 78	1 -		9 5 354,573, 8	48 95. 1	Subcontractors	4 155,732,06	4 95	1 41. 2 .	4 1. 1	3 <sup>5</sup> 354,573, 8 1 18, 802, 9 5 44, 981, 9	18 95.1 98 95.3
Subcontractors Carpentering and wood flooring	3, 062, 30	8 4,20	6 (3) 3 (3)	.	1 9,077,1	87.8	Electrical	18, 050, 96	6 274, 95 8 2, 00	0 5. 0 ( <sup>3</sup> )	6 1	5 44, 981, 9 24, 036, 9	19 97.9 72 97.7
Concreting Electrical Elevator construction	6, 994, 40 18, 050, 90	16 16, 858, 97	7 94.	5 93.	1 9,077,13 1 18,802,9 4 44,981,9 24,036,9	98 95.3 19 97.9 72 97.7	Heating and plumbing	4 52, 994, 74 17, 756, 87	$\begin{array}{cccc} 7 & 1,170,15 \\ 1 & 421,96 \end{array}$	7 23. 5 8.	7 2. 5 2.	24, 036, 9 2 * 104,965, 9 4 36, 945, 4 1 58, 630, 0	76 95.6 54 90.9
Heating and plumbing.	4 52, 994, 74	[7] 102, 48	1 .	8,	2 104,965,9 1 36,945,4	76 95.6	Plumbing	- 30, 905, 44	0 652,76	8 13.	2 2.	1 58, 630, 0	55 97.7
Heating and piping. Plumbing	. 30, 905, 44	71 13, 85 10 85, 92		1	3 58, 630, 0	85 97.7		2,073,92		· · ·			
Plumbing and heating combined Automatic sprinkles	2, 073, 92	26 2, 23	(3)		1 4, 134, 2	03 08.7	Masonry	1, 145, 78	7 20,77 1 1,75	0 7 (8)	4 1. ( <sup>3</sup> )	8 2, 020, 5 14, 427, 9	19 96.1 14 96.6
systems Painting and decorating	1, 145, 78	37 47 74 30	73 (3) 90 (3)	( <sup>3</sup> )	2, 020, 5 15, 745, 4	19 96. J 77 97. J	Roofing and sheet-metal	.   • 8, 179, 41	3 1,44	2 ( <sup>3</sup> )	(3) (3)	<sup>3</sup> 21, 226, 1 10, 311, 0	16 96.4 64 97.4
Roofing and sheet-meta work	1			(8)	\$ 21, 226, 1	16 96.4	Roofing and shee	4, 023, 03	1				
Sheet-metal work	2, 391, 40	51 <b>2,0</b> 0			1 6, 441, 3	83 95.2	ll metal combined	1, /04, 91	51.72	20 i	0	4 23, 163, 4	96 97.5
Roofing and shee metal combined Steel erection	14, 340, 50	0 32.58	21	2 (3)	4, 473, 6 2 23, 163, 4	69 96. 1 96 97. (	Ornemental iron	- 419, 38 - 5, 250, 79 - 400, 11	46, 20		9 3 52.	9 10, 234, 2 6 1, 190, 1	258 94.8 93 96.7
Marble and tiling	2, 357, 04	14 1,37	8 (3) 6 (3)	(8)	1 5, 552, 3 26, 515, 5	19 88.8	Waterworks	- 20,09		7	4 100.	0 38,4	71 100.0
Excavating Ornamental iron	419, 30 5, 250, 79	51 1.35	94 (3) 00 (3)	(3)	3 6, 563, 6 10, 234, 2	60 88.3 58 94.8		143, 73		8 ( <sup>3</sup> )	( <sup>3</sup> ) 3 34.	441, 1	54 97.7 03 81.5
Dredging, river, harbor etc			)4	1 9.	0 441,1	54 97.1	.		_	_		=	
a. Another at and													

See footnotes at end of table.

.

1

Contraction of the second

.

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

			·	<u> </u>			11	i					1.
		COST OF D MAT	DESIGN ERIAL	ATED		nt of 26 by			COST OF I MAT	ESIGN ERIAL	ATED		at of be by
KIND OF MATERIAL AND	Cost of all		Per ce	nt of—	Value of	er cent s done l	KIND OF MATERIAL AND	Cost of all		Per ce	nt of—	Value of	r cent s done ]
CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	1	cost	all ted	construc- tion busi- ness	Indicated per all business o own force <sup>1</sup>	CLAS. IFICATION OF ESTAB- LISHMENTS	materials distributed by kind	1 a 4	cost	all	construc- tion busi-	Indicated per all business d own force <sup>1</sup>
	by kind	Amount	alco	t of ribu	11655	icate 1 bu: vn fo		by Killa	Amount	al co	t of teriz	ness	lcate I bus vn fo
			Total	Cost of all distributed materials		Ind al				Total	Cost of all distributed materials		Par la c
ALBANY							ALBANY-Continued						
Sand, gravel, stone, slag,							Cement †	Dollars	Dollars			Dollars	
cinders, etc.	Dollars	Dollars	100.0		Dollars		All classes	2,682,125	332, 484			7, 285, 242	
All classes	2, 682, 125	227, 958	70.1	13.1	7, 285, 242	77.2	General contractors Building Building	449,722	304, 825 37, 627 8, 027	11.3	8.4	<sup>4</sup> 3, 973, 489 1, 491, 912 830, 081	8 61.7
Building Building not specialized	449, 722 263, 222	25, 150 8, 150	11.0 3.6	5,6	1, 491, 913 830, 081	61.7 61.0	Building not specialized Commercial building only	203, 222	20,600			509, 059	1.1
Commercial building	94, 800	15, 000	6.6	15, 8	509, 059	58.0	Residential building	91,700	9,000	2.7	1	152, 773	1
Residential building only	91, 700 121, 446	2, 000 20, 000	.9 8.8	2.2 16.5	152, 773	76.7 92.9	Highway Street paving	121,440 424,068	84, 600 123, 558	25.4	69,7 2,20,1	558, 260 878, 310	92, 9 08, 2
HighwayStreet paving	424, 068	79, 448	34.9	18,7	558, 200 878, 310	98.2	Sewer, gas, water, conduit		1			906, 000	
Sewer, gas, water, con- duit	141, 303	35, 281	15, 5	25, 0	906, 000	100.0	Subcontractors Concreting Steel erection Marble and tiling	+ 1, 405, 186 103, 237	27,659	8.3	3 1.9 3 7.3	<sup>6</sup> 3, 311, 752 250, 000	90.0
Subcontractors	1, 465, 186 103, 237	68, 079 10, 000	4.4	9.7	250,000	90.0	Marble and tiling	271, 411 150, 000 13, 754	8,000	2.4	4 5.3	375, 000	0 100.0
Heating and plumbing	4 604, 594 173, 594	500 500	.2	.1	▲ 1, 180, 370	96.1	Structural steel †	10,703	1,008		14.1	50,000	100.0
Plumbing Roofing and sheet-metal work	+ 95, 643	1, 213	.5			100.0	All classes	2, 682, 125	250, 453		9.3	7, 285, 245	
Roofing and sheet metal combined	81, 843	1,213	.5			100.0	General contractors	+ 1, 216, 939 449, 722	16,482 16,482	6.6	3 3.7	1, 491, 91;	3 61.7
Steel erection Marble and tiling	271, 411 150, 000 13, 754	42, 300 10, 000 4, 060	4.4	6.7	375,000	100.0	Building not specialized Commercial building	263, 222	12, 482	5.0			
Grading Brick (face, common,	10,704	÷ +, 000		20.0	, 88, 840	100.0	only Residential building	94,800	2,000		1	509, 051	
fire, paving, etc.)					÷		only	91,700	2, 000 233, 971			152, 778 \$ 3, 311, 753	
All classes	<sup>6</sup> 2, 682, 125 4 1, 216, 939	42, 725 42, 725		1.6 3.5	77, 285, 242 3, 973, 489		Subcontractors Concreting Steel erection	4 1, 465, 186 103, 237 271, 411	30,000 202,571	12.0	29.1	250, 000	90.0
General contractors Building Buildingnotspecialized	440, 722	36, 625	85.7	8.1	1, 491, 913	61.7	Grading	13, 754	1,400	. 0		99, 335	100. Ŏ
Commercial building	94, 800	9,000	I .		509, 059		Reinforcing steel	2, 682, 125	82, 294	100. 0	3,1	7, 285, 242	83.3
Residential building	91,700	12,000	28,1		152, 773	76.7	All classes General contractors	4 1, 216, 939	59,017	71.7	4.8	5 3, 973, 489	
Street paving Sewer, gas, water, con-	424,068				878, 310		Building Building not specialized	449, 722 203, 222	6, 360 960	7.7 1.2	1.4	1, 491, 912 830, 081	61.7 61.0
duit	141, 303	3, 100	7.3	2, 2	906, 000	100: 0	Commercial building only Residential building	94, 800	5, 000	8.1	5.3	509, 059	58.0
Tile, facing, terra cotta, floor and wall		- <sup>1</sup>					only Highway	91, 700 121, 440	400 16, 840		.4 13.9	152, 773 558, 260	3 76.7 92.9
All classes					7, 285, 242		Street paving Sower, gas, water, conduit	424,068 141,303	27, 772 8, 039	33.7 9.8		558, 260 878, 310 906, 000	) 98.2 100.0
General contractors Building	449, 722	8,227	13.0 13.0 8.3	1.8	<sup>6</sup> 3, 973, 489 1, 491, 913	61.7	Subcontractors	4 1, 465, 186	23, 277 13, 237	28.3			97.9
Building not specialized Commercial building	263, 222 94, 800		1		830, 081 509, 059		Concreting Steel erection	103, 237 271, 411	13, 237 10, 040	16, 1 12, 2		250, 000 499, 037	90.0 100.0
only Residential building only	91,700				152, 773		Lumber, rough and finished						
Subcontractors	4 1, 465, 186	55, 000	87.0	3, 8	A 3. 311, 753	97. 9	All classes	2, 682, 125	173, 482				
Marble and tiling	150,000	55, 000	87.0	36, 7	875, 000	100.0	General contractors Building	4 1, 216, 939 449, 722	125, 409	72.3	3 27.9	1, 491, 918	61.7
Concrete and cinder block		a se de se					Building Building not specialized Commercial building	263, 222 94, 800	77, 409 18, 000			509, 051	
All classes	2, 682, 125				7, 285, 242		only Residential building only			1.1	1	152, 773	76.7
General contractors Building Building not specialized	449,722	13,946	29.1		* 3, 973, 489 1, 491, 913	61.7	Street paving Sewer, gas, water, conduit	91, 700 424, 068 141, 303	30, 000 3, 358 26, 507	-1.9 15.3		878, 310 906, 000	98.2 100.0
Commercial building	263, 222				880, 081		Subcontractors			10.5		\$ 3, 311, 753	97.9
only Residential building only	94, 800 91, 700		1.1		509, 059 152, 773	· ·	Concreting Steel erection	1, 465, 186 103, 237 271, 411	10,000 8,000 2,208	3.5	2.2	250, 000 499, 037 99, 330	7 100.0
Subcontractors			1		·		Grading Millwork	13, 754	2, 208	1, D	10.1		100.0
Concreting Grading	103, 237		67.8	31.5	250,000	90.0	All classes	<sup>6</sup> 2, 682, 125	66, 039		· · · · · · · · · · · · · · · · · · ·		
Cut stone, granite and							General contractors Building	4 1, 216, 939 449, 722 263, 222	66, 039 66, 039 63, 639	100.0 100.0	14,7	1, 491, 913 830, 08	61.7
marble	0.000.107	107 100	1.00		T 00F 010	00.0	Building not specialized Commercial building	263, 222 94, 800	63, 639	1			
All classes General contractors	4 1, 216, 939	50, 449	40, 2	4.1	7, 285, 242	77.2	only Residential building only	91,700	2,000			1. State 1.	
Building Building not specialized	449,722 263,222	6,174	4.9	1.4	1, 491, 913	61.7	Paints, varnishes, glass						12
Commercial building only Residential building	. 94, 800	1.		· .	<ul> <li>APE 1997</li> </ul>	1.1	All classes	2, 682, 125	87,464			\$ 3, 973, 489	77.2
only	91,700	300		.3	152, 773 878, 310	76.7	General contractors Building Building not specialized.	449,722 263,222	10, 536 8, 610 5, 610	9.8	3 1.9	41, 491, 913	61.7
Street paving				1			Residential building		3,000	3.4	3.3	152, 773	3 76.7
Marble and tiling	150,000		59.8	50.0	<sup>8</sup> 3, 311, 753 375.000	100 0	only Street paving	424,068		2.2	2 .5	878, 310	98.2
See footnotes at en	i of table.												

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF I MAT	ESIGN ERIAL	ATED		cent of done by			COST OF L MAT	ESIGN. ERIAL	TED		done by
IND OF MATERIAL AND	Cost of all materials	• -	Per ce	-	Value of construc-	ler ce ss do	KIND OF MATERIAL AND	Cost of all materials		Per ce	'	Value of construc-	SS do
CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	als all	tion busi- ness	Indicated per all business d own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d
	.,	Amount	al c	t of ribu		licat U bu wn f			minounv	tal c	st of ateri		licat bu
			Total	Cost of all distributed materials		End on o		-		Total	S:9 B		ра Гас
ALBANY-Continued							BUFFALO						
aints varnishes, glass—							Sand, gravel, stone, slag,			÷			Sec.
Continued	Dollars	Dollars			Dollars		cinders, etc.*	Dollars	Dollars			Dollars	
ubcontractors. Heating and plumbing	1,465,186		1.7	.2	<sup>a</sup> 1, 180, 370	97,9 96,1	All classes	17, 202, 507	1, 592, 841		9.3	61, 165, 710	
Heating and piping Painting and decorating	414, 076 75, 428	1,500 75,428	1.7 86.2		697, 593 372, 168	92.3 100.0	General contractors	7, 912, 116 5, 182, 004	1, 491, 291 526, 769	$93.6 \\ 33.1$	18.8 10.2	31, 286, 815 21, 161, 022	68 59
loofing and sheet metal							Building not special- ized	4, 588, 691	494, 526	31.0	10.8	19, 732, 460	61
work	0.050 105	100 /04	100 (		* 00# 040	83.3	Commercial building only Manufacturing build-	19,750	1,800	• ,1	9.1	40, 000	72
All classes	1		100,0		7, 285, 242 \$ 3, 973, 489	77.2	ing only Residential building	48, 924	1, 892	.1	3.9	115, 379	80
eneral contractors Building Building not special-	41, 216, 939 449, 722	15, 621 15, 621		1.3 3.5			only Highway	524, 639 1, 587, 668	28, 551 661, 377	1.8 41.5	5.4 41.7	1, 273, 177 5, 830, 834	
ized Residential building	263, 222	13, 12	12.1	5.0	830, 081	61.0	Bridge and culvert	14, 088 807, 083	2,430 271,292	.2	17.2	191, 000 2, 680, 816	) 24
only	. 91,700	2, 500	2.3	2.7	152, 773	76.7	Sewer, gas, water, con- duit	205, 388		1.1	8.4	701, 930	1.1
ubcontractors Heating and plumbing	4 1, 465, 186	1,493	₹ :14	6.3	<sup>8</sup> 3, 311, 753 <sup>8</sup> 1, 180, 370 <sup>8</sup> <sup>8</sup> <sup>1</sup> <sup>8</sup> <sup>1</sup> <sup>8</sup> <sup>1</sup> <sup>8</sup> <sup>1</sup> <sup>8</sup> <sup>1</sup> <sup>1</sup> <sup>8</sup> <sup>1</sup> <sup>1</sup> <sup>8</sup> <sup>1</sup> <sup>1</sup> <sup>8</sup> <sup>1</sup>	96.1	Dredging, river, harbor, otc. Railroad	84, 677	6, 044	.4	7.1	647, 572	
Heating and piping Plumbing	414,070	1,000	)	.2	697, 593 333, 614	92, 3 100, 0		31, 208	6, 050		19,4	73, 041	
Roofing and sheet-metal work	95, 643	91, 37	84.2	95.5	343, 705	100.0	Subcontractors Concreting	4 9, 290, 391 78, 929	101, 550 39, 482	2.5	1.1 50.0	4 19, 878, 898 236, 790	93
Roofing Roofingand sheet metal	13,800		ł			100.0	Heating and plumbing	4 2, 275, 004 1, 014, 141	1,850 1,800	.1	.1	4, 762, 998 2, 232, 644	1 85
combined	81,843	77, 575	2 71.1	5 94.8	313, 804	100.0	Plumbing Masonry Plastering and lathing	1, 058, 109 52, 091 123, 102	550 5, 243 2, 700	1 3		2, 095, 098 210, 065 555, 877	5 99
leating and ventilating equipment †		· · ·					Rooning and sneet-metal					\$ 2, 305, 729	
All classos			-	17.9			Roofing Roofing and sheet met-	4 915, 785 465, 025	5, 383	.4	1.2	1, 139, 312	2 97
Building	41, 216, 939 449, 722	4, 50 2 4, 50	). C		\$ 3, 973, 489 \$ 1, 491, 913		al combined	292,734 1,303 687	1, 566 31, 561	2.0	.5 2.4	703, 124 2, 474, 561	
Residential building only	. 91,700	4,50	. o	4.9	152, 778	76.7	Steel erection Marble and tiling Excavating	281, 598 10, 145	2,400 1,700	.2	. 9	703, 681 29, 100	1 100
Subcontractors	+ 1, 465, 186	476, 70 476, 70	<b>99.</b>		* 3, 311, 753	97.9	Highway Foundation	72, 213	5, 915 3, 750	.4	8.2	245, 422	2  90
Heating and plumbing Heating and piping	414.076	5I <b>385, 5</b> 9	51 80.1	l 93.1	697, 593	96,1 92,3 100,0	Brick (face, common,						
Pipe covering Plumbing Automatic temperature	173, 594	) 12,95 14,20	6 2.1 6 3.(	7 100.0			fire, paving, etc.)						
control	63, 968	63, 96	3 13.3	3 100.0	113, 158	3 100.0	All classes	17, 202, 507	781,044				-
Plumbing and gas fit- ting equipment					· .		General contractors Building	4 7, 912, 116 5, 182, 004	750, 842	96.1 94.5	9.5 14.2		
All classes	2, 682, 125	5 168, 66	3 100.0	6 8	7, 285, 245	2 83.3	Building not special- ized Commercial building	4, 588, 691	701, 956	89.9	15.3	19, 732, 466	6 0
Jeneral contractors		7, 61	5 4.	5 . 6	\$ 3, 973, 489	77.2	Manufacturing build-	19, 750	2, 900	.4	14.7	40, 000	0 7:
Residential building		1				· .	ing only Residential building	48, 924	794	,1	1.6	115, 375	8
Street paving		3 2, 61	5 1.0			98.2	onlyStreet paving	524, 639 807, 083		4,1			7 4 6 9
Subcontractors Heating and plumbing	1,465,186	3 161, 04 161, 04	8 95. 95.	5 11.0 5 24.2	\$ 3, 311, 753 \$ 1, 180, 370	3 97.9 96.1	Sewer, gas, water, con- duit	205, 388	i i				. C.
Heating and piping Plumbing	414,076	161, 04 161, 04 161, 04 10, 00 151, 04	8 95,1 0 5,1 8 89,0	9 2.4 3 97.0	697, 593	8 92.3 5 100.0	Subcontractors Heating and plumbing	4 9, 290, 391	30, 202	3, 9		4 19, 878, 89	5 9
Electrical appliances							Plumbing	4 2, 275, 004 1, 058, 109	250	(3) (3)	(8) (8)	<sup>8</sup> 19, 878, 89 <sup>8</sup> 4, 762, 99 2, 095, 09	9 91 5 91
and supplies							Masonry Steel erection	1, 303, 687	24, 160 4, 192	.5	. 3	2, 474, 56	1 .98
All classes	terre and days and a second days			-			Excavating Highway	10, 148 72, 213	1, 250 343	(8)	12.3 .5		0 90 2 91
Building Building not special-	449, 722		5 1.5		4 1, 491, 91;	61.7	Cut stone, granite and marble		1999 - 1997 1997 - 1997 - 1997 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1	-			
ized Residential building	. 263, 222			l .1	1	1	All classes	17, 202, 507	531, 350	100.0	3.1	51, 165, 71	0 7
only Street paving	91,700 424,068	1,50			152, 773 878, 810	8 76.7 98.2	General contractors	4 7, 912, 116	· · · · ·		· · · ·	<sup>3</sup> 31, 286, 81	
Central station, light and power plant	80, 400	80, 400	56.1	1 100.0	139, 000	100.0	Building Building not special-	4 5, 182, 004	252, 411		4.9	\$ 21, 161, 02	2 5
Subcontractors	4 1, 465, 186	61, 142	42.0	4.2	\$ 3, 311, 753	97.9	ized. Manufacturing build-	4, 588, 691			5,2	19, 732, 46	
Electrical Heating and plumbing	58,142	3,000	2.1	.5	<sup>6</sup> 1, 180, 370	96.1	ing only Residential building	48, 924	· · · · · · · · · · · · · · · · · · ·		. 5		l'
Heating and piping Bituminous paving ma-	414, 076	3,000	2.1	.7	697, 503	92.8	only Street paving	524, 639 807, 083		2,4			7 4 6 9
terials, tar asphalt and oil		la e a		1.1			Subcontractors	4 9, 290, 391	176.306	33.2	٦.9	\$ 19, 878, 89	
All classes	\$ 2, 682, 125	99.700	100.0	3.7	7 7, 285, 242	83.3	Masonry Steel erection	52, 091 1, 303, 687	4, 332 5, 380	8 . 8	4	210,06 2,474,56	1  98
leneral contractors	4 1, 216, 939	99,700	100.0	8.2		77.2	Stonework Marble and tiling	5, 281 281, 598	161, 258	30.3	57.3	703,68	1 10
Street paving See footnotes at end		1 99,700	100.0	1 23, 5	878, 310	98.2	Excavating	10,145	50	) (8)	1.5	29, 10	0 9

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

•		COST OF	DESIGN	ATED		by	1		COST OF I	TESIGN	4750	<del></del>	20
			ERIAL			cent done b			MAT	ERIAL			t cent of done by
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials		Per ce		Value of construc-	per d ess d	RIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials		Por ce		Value of construc-	per c
LISHMENTS	distributed by kind	Amount	cost	of all uted	tion busi- ness	ted fore	LISHMENTS	distributed by kind	Amount	cost	if all uted ials	tion busi- ness	ted ]
			Total	Cost of all distributed materials		Indicated per all business d own force <sup>1</sup>				Total (	Cost of all distributed materials		Indicated per all business d own force 1
			<u></u>	<u></u>		H		·		H	0.9 4	<u> </u>	8
BUFFALO-Continued			-				BUFFALO-Continued	i.				den en tra	
Cement *	Dollars	Dollars			Dollars		Metal doors, windows, and trim	Dellara	Dellars			D = 1/4	1
All classes		1, 637, 419					All classes	Dollars 17, 202, 507	Dollars 232, 180				
General contractors Building Building not specialized.	4 5, 182, 004 4, 588, 691	1, 547, 417 754, 065 739, 646	46.1	14 6		68.3 59.7 61.1	General contractors Building	4 7, 912, 116 4 5, 182, 004	126,412 126,212	54.4	1.6 2.4	<sup>3</sup> 31, 286, 815 5 21, 161, 022	68.3 59.7
Manufacturing build-	48, 924	2, 094			115, 379		Building not specialized. Manufacturing build-	4, 588, 691 48, 924	121, 376 4, 336			19, 732, 466 115, 379	1
ing only Residential building only	524, 639	12, 325	.8	2.3	1, 273, 177	45, 4	Residential building	48, 024 524, 639	¥, 530 500			1, 273, 177	
Highway Bridge and culvert Street paving Sewer, gas, water, con-	1, 587, 668 14, 088	559, 886 3, 439	.2	35.3	191,000	24.6	Sewer, gas, water, con- duit	205, 388				701, 030	
Street paving Sewer, gas, water, con-	807, 083 205, 388	199, 081 21, 608			2, 680, 810 701, 930				105, 774	45.0		4 19, 878, 895	97, 1
duit Dredging, river, harbor,	200, 533 84, 677	8, 446	1		647, 572		Subcontractors Masonry Wreeking Excavating Ornamental fron Metal work, n. e. s	52, 091 8, 015	1,400	Ιε	17.5	210,065 93,537	99.1
etc Railroad	31, 208	892	ĩ		73, 641	91, 9	Ornamental iron	10, 145 73, 497 146, 694	75 119 103, 920	1	.7 .2 70.8	176, 285	96, 4 100, 0 100, 0
Subcontractors	<sup>4</sup> 9, 290, 391 78, 929	90, 002 18, 495	1,1	23, 4	236, 790	93.7	Lumber, rough and	110,001	100, 020			201,220	100.0
Concreting Heating and plumbing Plumbing	4 2, 275, 004 1, 058, 109	275 275	(3)		4, 762, 999 2, 095, 095	08.2	finished	1. 000 000	000.000	100.0		71 107 P10	-
Masonry Plastering and lathing Roofing and sheet-metal	52, 091 123, 102	8, 985 375	( <sup>3</sup> ).	17.2 .3	210, 065 555, 877	99. 1 99. 7	All classes General contractors	7, 912, 116	869, 883	87.1	9.6	51, 165, 710 31, 286, 815	68.3
Roofing and sheet-fletai Roofing Steel creation Marble and tiling Excavating Highway Foundation	4 915, 785 465, 025	11 11	(8)	8	<sup>3</sup> 2, 305, 729 1, 139, 312	98.2 97.8	Building Building not specialized.	5, 182, 004 4, 588, 691	686, 884 519, 809	79. 0 59. 8	13.3 11.3	21, 161, 022 19, 732, 466	59.7 61.1
Steel erection Marble and tiling	1, 303, 687 281, 598	39, 865 2, 666	2.4	3.1	2,474,561 703,681	98.5 100.0	Commercial building only	19, 750	7, 600	. 9	38. 5	40, 000	72.9
Excavating Highway	10, 145 72, 213	375 8, 830	۰, 5	.9 8.7 12.2	29, 100 245, 422	96, 4 99, 6	Manufacturing build- ing only Residential building	48, 924	6, 511	.7	13, 3	115, 379	80. 9
	60, 875	10, 125	. 6	16.6	237, 856	100. 0	only.	524, 639 1, 587, 668	152, 964 28, 152	17.6 3.2		1, 273, 177 5, 830, 834	45.4
Structural steel *							Highway Bridge and culvert Street paving	14, 088 807, 083	3, 953 1, 396	. 5	28, 1	191, 000 2, 680, 816	24.6
All classes	17, 202, 507	1, 389, 771		8.1	51, 165, 710	79.2 68.3	Sewer, gas, water, con- duit. Dredging, river, harbor, etc. Railroad.	205, 388	5, 863	.7	2, 9	701, 930	83.8
General contractors Building Building not specialized.	7, 912, 116 5, 182, 004 4, 588, 691	519, 774 443, 332 409, 195	31. 9	6.6 8.6 8.9	21, 161, 022	59.7 61,1	Dredging, river, harbor, etc.	84, 677	26, 697	8. 1	31. 5	647, 572	99. 4 91. 9
Commercial building	19, 750	3, 200		16.2	40, 000	72.9		81, 208 4 9, 290, 391	4, 300 112, 638	. 5 12. 9	13.8	73, 641 4 19, 878, 895	97.1
only Manufacturing build- ing only Residential building	48, 924	23, 347	1.7	47.7	115, 379	80, 9	Subcontractors Carpentering and wood flooring Concreting Heating and plumbing	180. 735	72, 385	8. 3	. 1	533, 159	100.0
only	524, 639	7, 590		1.4	1, 273, 177	45.4	Concreting Heating and plumbing	78, 929 4 2, 275, 004	229 4, 800	<sup>(3)</sup> , 6	. 3	236.790	93.7 92.8
Highway Bridge and culvert	1, 587, 668 14, 088	54, 760 324	(3)	2.3	5, 830, 834 191, 000 2, 680, 816	86. 1 24. 6 96. 9	Plumbing	1, 014, 141 1, 058, 109	800 4,000	.1 .5	.1	4, 762, 999 2, 232, 644 2, 095, 095	85.8 98.2
Street paving Sewer, gas, water, con-	807, 083 205, 388	1, 000 4, 000		.1 1.9	2, 080, 810 701, 930	83.8	Masonry Roofing and sheet-metal work	62,091	121 1, 581	( <sup>3</sup> )	. 2	210, 065 \$ 2, 305, 729	99.1 98.2
duit Dredging, river, harbor, etc	84, 677	-4, 000 3, 129	. 2	3.7		99.4	Roofing	465, 025 1, 303, 687	1 581	2 2,4	- 3	1, 139, 312 2, 474, 561	97.8 98.5
ete Railroad	31, 208	13, 229	1.0	42.4	647, 572 73, 641	91. 9	Wrecking Excavating	8, 015 10, 145	20, 783 5, 250 2, 275	. 6	65.5 22.4	93, 537 29, 100	98.5 96.4
Subcontractors. Heating and plumbing	4 9, 290, 391 4 2, 275, 004	869, 997 2, 100	. 2	. 11	<sup>δ</sup> 19, 878, 895 <sup>δ</sup> 4, 762, 999		Roofing Steel erection Wrecking Excavating Highway. Foundation Matel Work	72, 213 60, 875	2,000	( <sup>3</sup> ) , 2	3.3	245, 422 237, 856	99.6 100.0
Heating and piping Roofing and sheet-metal	1, 014, 141 4 915, 785	2, 100 600		.2	2, 232, 644 2, 305, 729	85, 8 98, 2	Avietai work, II. 6. S	146, 694	3, 131	• 4	2.1	291, 225	100.0
work Sheet-metal work Steel erection	158, 026 1, 303, 687	600	(3) (3) 61.4	. 1 . 4 65. 5	463, 293 2, 474, 561	100. 0 98. 5	Millwork All classes	17, 202, 507	442, 035	100, 0	2.6	51, 165, 710	79.2
Excavating Ornamental iron Metal work, n. e. s	10, 145 73, 497	853, 380 1, 275 8, 117	.1	12.6	29, 100	98.4	General contractors Building	47,912,116 45,182,004	411, 385 409, 903	93, 1 92, 8	5.2 7.9	<sup>5</sup> 31, 286, 815 <sup>5</sup> 21, 161, 022 19, 732, 466	68.3 59.7
Metal work, n. e. s	146, 694	4, 525	. 3	3. 1	176, 285 291, 225	100.0	Building not specialized. Manufacturing build-	4, 588, 691	879, 344	85, 8			
Reinforcing steel	i i						ing only Residential building only	48, 924	1, 132	. 3	2.3	115, 379	80.9
All classes	17, 202, 507	421, 153		2.4	51, 165, 710	79.2	Bridge and culvert	524, 639 14, 088	29, 517 392	6.7 .1	5.6 2.8	1, 273, 177 191, 000	45.4 24.6
General contractors	7, 912, 116 5, 182, 004 4, 588, 691	344, 471 190, 157 187, 361	81, 8 45, 2 44, 5	4.4	31, 286, 815 4 21, 161, 022 19, 732, 466	68.3 59.7	Sewer, gas, water, con- duit	205, 388	1, 000	. 2	. 5	701, 930	83.8
Building not specialized. Manufacturing build-	4, 588, 691 48, 924		44.5		1	61. 1 80. 9	Subcontractors Carpentering and wood	1 9, 290, 391	80, 650	6, 9	. 3	5 19, 878, 895	97.1
ing only Highway Bridge and culvert	48,924 1,587,668 14,088	2, 796 132, 622 2, 545	31. 5 . 6	5.7 8,4 18,1	115, 379 5, 830, 834 191, 000	86.1 24.6	flooring Heating and plumbing	180, 735 4 2, 275, 004	27, 650 3, 000	6. 3 7	15.3 .1	533, 159 \$ 4, 762, 999	92.8
Street paving Sewer, gas, water, con-	807, 083	5, 125	1.2	. 6	2, 680, 815	96. 9	Plumbing	1, 058, 109	3, 000	.7	. 3	2, 095, 095	98, 2
duit. Dredging, river, harbor,	205, 388	6, 900	1,6	3.4	701, 930	83, 8	Hardware, rough and finished			i.	15.1		lat Nastur N
etc Railroad	84, 677 31, 208	7, 002 120	1;7 ( <sup>3</sup> )	8, 3 . 4	647, 572 73, 641	99.4 91.9	All classes General contractors	17, 202, 507	205, 425	100.0	1.2	51, 165, 710	79.2 68.3
Subcontractors	4 9, 290, 391	76, 682 26		.8	<sup>\$</sup> 19, 878, 895 236, 790	97. 1 93. 7	Building Building not specialized.	4, 588, 691	149, 643 133, 892	72.8 65.2	2.9 2.9	<ul> <li>8 31, 286, 815</li> <li>9 21, 161, 022</li> <li>19, 732, 466</li> </ul>	59.7 61.1
Concreting Masonry Steel erection	78, 929 52, 091 1, 303, 687	20 70 21, 639	(3)	$\binom{3}{1}$	210, 750 210, 065 2, 474, 561	99.1 98.5	Bennfooturing build.	48, 924	659	.3		115, 379	80.9
Highway Foundation	72, 213	9, 947 45, 000		13. 8 73. 9	210, 065 2, 474, 561 245, 422 237, 856	99.6 100.0		524, 639	15, 092	7.3		1, 273, 177	
See footnotes at end		, 000			,				<b>1</b>				

127100-33-56

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials

		COST OF I MAT	ERIAL			t cent of done by			COST OF 1 MAT	ERIAL			cent of done by
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials distributed by kind	Amount	Per ce		Value of construc- tion busi- ness	Indicated per c all business dc own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials distributed by kind	Amount		ials -10 tu	Value of construc- tion busi- ness	Indicated per c all business do
			Total	Cost of all distributed materials		Indica all bi own		e'		Total c	Cost of all distributed materials		Indicat all br
BUFFALO-Continued							BUFFALO-Continued						
Hardware, rough and finished—Continued						No. 19	Heating and ventilating equipment *			:		 	
General contractors-Con. Highway	Dollars 1, 587, 668	Dollars 5,000	2.4	0.3	Dollars 5, 830, 834	86, 1	All classes	Dollars 17, 202, 507	Dollars 1, 215, 813			Dollars 51, 165, 710 \$ 31, 286, 815	
Bridge and culvert. Street paving Sewer, gas, water, con-	14, 088 807, 083			5.3 ( <sup>3</sup> )	191, 000 2, 680, 810	24. 6 96, 9	General contractors. Building Building not special-	4 7, 912, 116 4 5, 182, 004	77, 114 75, 814	6, 3 6, 2		<sup>5</sup> 21, 161, 022	
Dredging, river, harbor,	205, 388		· · ·	(3)	701, 930		ized Residential building	4, 588, 691	30, 814			19, 732, 460 1, 273, 177	1
etcSubcontractors	84, 677 4 9, 290, 391				647, 572 \$ 19, 878, 895		only Sewer, gas, water, con- duit	524, 639 205, 388	45,000 1,300	1			ł
Subcontractors Carpentering and wood- flooring Heating and plumbing	180, 735 + 2, 275, 004	21, 994	10.7	12.2	533.159	100.0	Subcontractors Heating and plumbing	4 9, 290, 391 4 2, 275, 004	1, 138, 699 1, 078, 808	93, 7	12.3	<sup>4</sup> 19, 878, 895	97.
Plumbing Masonry	1,058,109	300	.1		<sup>6</sup> 4, 762, 999 2, 095, 095 210, 065	92.8 98.2 99.1	Pipe covering	1, 014, 141 15, 498	787,046 15,498	64.7 1.3	77.6	2, 232, 644 44, 000	85. 100.
Roofing and sheet-metal	915.785	2, 849	1.4	.3	2, 305, 729	98.2	Plumbing Plumbing and heating combined	1, 058, 109 36, 470	225, 698 9, 520	18.0 .8		2, 095, 005 67, 500	
Roofing Sheet-metal work Roofing and sheet		633	. 3	. 4	1, 139, 312 463, 293	97.8 100.0	Automatic temperature control Roofing and sheet-metal	41, 040	41, 040			130, 000	
metal combined Steel erection Marble and tiling Wrecking	292, 734 1, 303, 687 281, 598	9,009	4 9	.8	703, 124 2, 474, 501 703, 681	97.7 98.5 100.0	Sheet-metal work	4 915, 785 158, 026	59, 891 12, 366	4.9 1.0	6, 5 7, 8	4 2, 305, 729 463, 293	98, 9
Excavating	10.145	245	(8)	3.1	93, 537 29, 100	98.5 96.4	Roofing and sheet metal combined	292, 734	47, 525	3.9		703, 124	1.1.1
Ornamental iron Metal work, n. e. s	73, 497 146, 694	4, 139 4, 611	2.0 2.2	5, 6 3, 1		100.0 100.0	Plumbing and gas fit- ting equipment						
Paints, varnishes, glass All classes	17, 202, 507	302, 391	100.0	1.8	<b>51, 165, 710</b>	79.2	All classes	17, 202, 507	1, 127, 020	100.0	6.6	51, 165, 710	
Building	4 7, 912, 116 4 5, 182, 004	79, 698 48, 595	26.4 16.1	1.0	<sup>\$</sup> 31, 286, 815 <sup>\$</sup> 21, 161, 022	68.3 59.7	General contractors Building	4 7, 912, 116 4 5, 182, 004	88, 350 80, 350	7.8 7.1	$1.1 \\ 1.6$	<sup>\$</sup> 31, 286, 815 <sup>\$</sup> 21, 161, 022	08. 59,
Building not special- ized Manufacturing build-	4, 588, 691	18, 062	6.0	. 4	19, 732, 466	61.1	Building not special- ized Commercial building	4, 588, 691	31, 000	2.8	7	19, 732, 466	61.
ing only Residential building	48, 924	113	(3)	.2		80.9	only Residential building	19, 750	2, 850	.3	14.4	40,000	
only Highway Bridge and culvert	524, 639 1, 587, 668 14, 088	30, 420 100	( <sup>8</sup> ) ( <sup>8</sup> )	( <sup>3</sup> ) ( <sup>3</sup> )	1, 273, 177 5, 830, 834 191, 000	45.4 86.1 24.6	only	524, 639 205, 388	46, 500 8, 000	4,1	8.9 3.9	1, 273, 177 701, 930	
Sewer, gas, water, con- duit	205, 388	31, 000	10.3		701, 930	83.8	Subcontractors	4 9, 290, 391	1,038,670	92. 2	11.2	§ 10, 878, 895	97.1
Subcontractors. Carpentering and wood-	<b>≰ 9, 290, 39</b> 1	222, 693	73.6	2.4	<sup>↓</sup> 19, 878, 895	97.1	Heating and plumbing Heating and piping Plumbing	4 2, 275, 004 1, 014, 141 1, 058, 109	1, 032, 750 134, 200 792, 053	$   \begin{array}{c}     91, 6 \\     11, 9 \\     70, 3   \end{array} $	$   \begin{array}{c}     40.4 \\     13.2 \\     74.9   \end{array} $	4, 762, 999 2, 232, 644 2, 095, 095	02.8 85.8 98.9
flooring Heating and plumbing	180, 735 4 2, 275, 004	7, 511 505	2.5	(8)	533, 159 \$ 4, 762, 999	92.8	Plumbing and heating combined Automatic sprinkler	36, 476	18, 000	1.6	49.3	67, 500	1.1.1
Plumbing Painting and decorating Glass and glazing	1, 058, 109 164, 131 45, 000	505 161, 367 35, 000	. 2 53. 4 11. 6	98, 3	2, 095, 095 608, 239 122, 000	98.2 100.0 98.4	Steel erection	109, 740 1, 303, 687	88, 497 5, 700	7.9	80.6	193, 760 2, 474, 561	98.1
Roofing and sheet-metal work. Roofing	915, 785 465, 025	4, 861 2, 041 2, 220	1.6	.5 .4	2, 305, 729 1, 139, 312	98.2 97.8	Electrical appliances	10, 145	220	(8)	2.2	29, 100	96.4
Roofing and sheet	158, 026 202, 734		.7 .7		463, 293	100.0	and supplies * All classes	17, 202, 507	1 679 047	100.0	0 7	ST 105 710	70.5
Steel erection	1 000 207	600 7, 800 280	2.6	.2 .6 3.5	703, 124 2, 474, 561 93, 537 29, 100	97.7 98.5 98.5	General contractors Building	<sup>4</sup> 7, 912, 116 <sup>4</sup> 5, 182, 004	1, 672, 947 109, 192 37, 901	100.0 6.5 2.3	9.7 1.4	51, 165, 710 5 31, 286, 815 5 21, 161, 022	68.3
Wreeking Excavating Highway Metal work, n. e. s	10, 145 72, 213 146, 694	125 4, 500 744	(3) 1.5 2	$1.2 \\ 6.2 \\ 6$	29, 100 245, 422 291, 225	96.4 1	Building not special- ized Residential building	4, 588, 691	21,901	1.3	.7 .5	19, 732, 466	
Roofing and sheet metal	N 4 2			. 5	201, 225	100.0	Residential building only Highway	524,639 1,587,668	16, 000 500	1.0 ( <sup>3</sup> )	3.0 ( <sup>3</sup> )	1,273,177	45. 4 86. 1
All classes	17, 202, 507	973, 448	12, 4	5.7 1.5	51, 165, 710 31, 286, 815	79.2 68.3	Street paving Sewer, gas, water, con-	807, 083	67, 791	4.1	8,4	5, 830, 834 2, 680, 816	
Building Building not special- ized	4 5, 182, 004 4, 588, 691	118, 419 94, 463	12, 2 9, 7	2.3 2.1	<sup>6</sup> 21, 161, 022 19, 732, 466	59.7 61.1	duit Subcontractors	205, 388 4 9, 290, 391	3, 000 1, 563, 755	. 2 93. 5	1.5 16.8	701, 930 \$ 19, 878, 895	83.8 97.1
ized Manufacturing build- ing only Residential building	48, 924	3, 996	.4	8, 2	115, 379	80.9	Subcontractors Electrical Heating and plumbing Heating and piping Plumbing Automatic sprinkler systems	1, 528, 898 4 2, 275, 004	1, 520, 698 10, 524	90, 9 . 6	99. 5 5	3, 310, 421	98.5
Sewer, gas, water, con-	524, 639	19, 960	2. 1	3.8	1, 273, 177	45.4	Plumbing Automatic sprinkler	1, 014, 141 1, 058, 109	4, 554 5, 497	.3 .3	.4 .5	2, 232, 644 2, 095, 095	85.8 98.2
duit	205, 388	2, 400	. 2	1.2	701, 930	83. 8	systems Roofing and sheet-metal	109, 740	473	(3)	.4	193, 760	96.9
nbcontractors Heating and plumbing Heating and piping	4 9, 290, 391 4 2, 275, 004 1, 014, 141	852, 629 25, 000 25, 000	87.6 2.6 2.6	$   \begin{array}{c}     9, 2 \\     1, 1 \\     2, 5   \end{array} $	<sup>\$</sup> 19, 878, 895 <sup>\$</sup> 4, 762, 999 2, 232, 644	97.1 92.8 85.8	Roofing and sheet-metal work. Roofing and sheet metal combined	4 915, 785 292, 734	216 216	(8) (8)	(3)	2, 305, 729 703, 124	98.2 97.7
Rooling and sheet-metal		787.605	80. 9	86.0		98. 2	Steel erection Elevators, dumb-wait- ers, and equipment *	1, 303, 687	82, 317	`í.9	2. 5	2, 474, 561	
Roofing Sheet-metal work Roofing and sheet metal combined	915, 785 465, 025 158, 026	448, 509 138, 287	46. 1 14. 2	-96.4 87.5		97.8 100.0	ers, and equipment * All classes	17, 202, 507	1, 852, 658	100.0	10, 8	51, 165, 710	79. 2
metal combined Steel erection Wrecking	292, 734 1, 303, 687 8, 015	200, 809 38, 959	20. 6 4, 0	68.6 3.0	703, 124 2, 474, 561 93, 537	97.7 98.5	General contractors	4 7, 912, 116 4 5, 182, 004	900 900	(3) (3)	(8)	<sup>5</sup> 31, 286, 815 <sup>5</sup> 21, 161, 022	68.3
Lexeavating	10, 145	840 225	(3) 1	10. 5 2. 2	93, 537 29, 100	08, 5 96, 4	Building not special- ized	4, 588, 691	900	(8)	(3)	19, 732, 466	
See footnotes at end of	. CBD10,	· · · ·					ter and the second s	1,4 5		at in		an an stàite Chailte an Airte	

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

	,				•		1	-					
		COST OF I MAT	ESIGN ERIAL	ATED		cent of done by		[	COST OF I MAT	DESIGN ERIAL	ATED		at of te by
KIND OF MATERIAL AND	Cost of all materials		Per ce	nt of	Vanue of construc-	er ce ss dor	RIND OF MATERIAL AND	Cost of all materials		Per ce	nt of—	Value of	er cent s done
CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	als	tion busi-	Indicated per all business d own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	all als	construc- tion busi- ness	Indicated per all business d own force <sup>1</sup>
		millioune	Total c	Cost of all distributed materials		dicat bu bu	· ·		mound	Total o	Cost of all distributed materials		licat Il bu wn f
			To	0 Sign	······	<u> </u>		·		0.L	្តរង្ <sub>ម</sub>		E C B C
BUFFALO-Continued							NEW YORK CITY-Con.						
Elevators, dumb-wait- ers and equipment-						-	Sand, gravel, stone, slag, cinders, etcContinued						
Continued	Dollars 4 9, 290, 391	Dollars 1,851,758	100.0	10, 9	Dollars \$ 19, 878, 895	97.1	Subcontractors	Dollars † 123, 328, 675	Dollars 3, 106, 423	27, 3	2, 6	Dollars \$283, 964, 252	94, 4
Subcontractors Elevator construction	1, 830, 482	1, 839, 482	99, 3	100.0	2, 583, 858 4, 762, 999	100.0	flooring Concreting	2, 524, 103 6, 511, 494	17, 980 2, 115, 591	. 2 18. 0	.7	7, 652, 756 17, 552, 065	86.2
Plumbing and heating combined	30, 476	950	.1	2.6	67, 500	99, 3 100, 0	Heating and plumbing	13,740,078 139,059,658	150		(3)	21, 155, 284 77, 979, 139	97, 3 94, 8
Ornamental iron Metal work, n. c. s	$\begin{array}{c} 73,497\\ 146,694\end{array}$	062 10, 364	.1	1, 3 7, 1	176, 285 201, 225	100.0	Plumbing Plumbing Plumbing and beating	12, 509, 319 24, 157, 909	703 2,747		(8) (8) (8)	26, 094, 219 45, 563, 081	89, 3 97, 5
Pipe: Cast-iron, sheet							Combined	<b>698, 319</b> <b>4, 964, 665</b>	$100 \\ 331, 252$	վ ՝ ո՞ւ	( <sup>3</sup> ) 6, 7	1, 252, 085 12, 668, 871	98, 4 97, 3
and tube steel, etc. All classes	17, 202, 507	232, 205 43, 715		1	51, 185, 710 \$ 31, 286, 815	* *3#*****	Painting and decorating. Glass and glazing Plastering and lathing	2, 583, 231 1, 006, 257 3, 129, 712	2, 817 2, 000 352, 417		$1 \frac{1}{2}$	12, 262, 265	96, 9
General contractors Building not special-	+ 5, 182, 004	4,5, 710		(1)	4 21, 161, 022	59.7	Roofing and sheet-metal work		10,03/			12, 332, 631	· ·
ized	4, 588, 691 1, 587, 068	700 20, 837	12.8		19, 732, 460 5, 830, 834	61.1 86.1	Roofing Sheet-metal work	4, 485, 088 2, 034, 381 1, 580, 007	17,087	4 - 23	(a)	5, 521, 107 4, 563, 808	96.4 03.9
Bridge and culvert	14, 088 807, 083	66 112		( <sup>3</sup> ).	191,000 2,680,816	24. 0 96. 9	Roofing and sheet motal combined Steel croction	870, 700 11, 430, 896	1, 808	(3) (3) (3)	(8).2	2, 247, 626	03.5 97.8
Sower, gas, water, con- duit	205, 388	13, 000			701, 930	83, 8	Stonework Marble and tiling Exception Foundation	$\begin{array}{c} 2,267,072\\ 0,713,225\\ 288,323\end{array}$	5, 204 162, 623	1.4	1, 2		88.3 98.4
Subcontractors. Electrical	1. 528, 898	188,400 4,000	1.7		3. 310. 491	08.5	Foundation Flooring, n. 6. 8	288, 323 555, 208 830, 486	96, 700 84, 316 2, 598	.7	33.6 15.2 .3	6, 100, 642 2, 041, 147 1, 997, 078	87, 3 81, 2 97, 3
Effecting and plumbing Heating and piping Plumbing	4 2, 275, 004 1, 014, 141 1, 058, 109	95, 790 52, 386 14, 634	41.3 22.0 6.3	5.2	\$ 4, 702, 000 2, 232, 644 2, 005, 005	85.8 98.2	Brick, (face, common,	000, 100	2,000			1, 001, 010	
Plumbing and heating combined	30, 470	8,000			67, 500		fire, paving, etc.) All classes	182, 023, 315	8, 471, 668	100, 0	4.7	660, 913, 566	67.2
Automatic sprinkler systems	109, 740	20, 770 51, 720	8.9 22,3		193, 760 2, 474, 561	96.9 98.5	General contractors <sup>2</sup> Building	<sup>4</sup> 58, 004, 640 25, 730, 429	5, 107, 045 4, 050, 610	60, 3 58, 4	8.7 19.2	4376, 949, 314 267, 368, 437	
Steel erection Excavating Highway	1, 303, 687 10, 145 72, 213	1,000	,8	18,7	29, 100 245, 422	96, 4 99, 6	Building not special- ized <sup>2</sup>	21, 081, 185	4, 338, 165	51.2	20.0		
Bituminous paving ma-							Commercial building only Manufacturing build-	1, 387, 595	133, 730	1.6	9.6	10, 323, 376	49, 8
terials, tar, asphalt and oil						70.0	ing only Residential building	120, 080	70, 617	.9		574, 651	1 A 1 A 1
All classes General contractors	+ 7, 912, 116	$\frac{106,203}{124,031}$	63.5	1.6	51, 105, 710 4 31, 286, 815	68.3	only Highway Bridge and culvert	$\begin{array}{c} 2, 541, 563 \\ 1, 209, 052 \\ 2, 276, 456 \\ 41, 835 \end{array}$	309, 107 6, 433 680	4.7 .1 (3)	15.7 .5 ( <sup>3</sup> )	18, 900, 309 3, 329, 022 9, 302, 040	
Building Building not special-	4 5, 182, 004 4, 588, 691	1, 715 1, 715	۹. ۵	(3) (3)	* 21, 161, 022 10, 739, 466	50, 7 61, 1	Grading Street paying	41, 835 5, 935, 477	272 20, 353	( <sup>3</sup> ) , 2	.7	178, 222 18, 749, 853	86, 3
ized ITighway Street paving	1, 587, 008	4,030 118,877	2.1 60.0	. 3	10, 732, 466 5, 830, 834 2, 680, 816	80, 1 96, 9	Sewer, gas, water, con- duit. Dam and reservoir	2, 282, 855	12, 052 248	( <sup>3</sup> )	. 6 . 5	7, 761, 308 170, 207	94, 7 72, 9
Subcontractors	4 9, 290, 391	71,002	36, 5		\$ 10, 878, 805	07.1	Waterworks	40, 087 2, 230, 977 1, 201, 770	13, 601 742	(8)	.6 .1 .9	4, 767, 418 5, 307, 814	95.8 91,2
Concreting Roofing and sheet-metal work	78, 020 4 915, 785	35 972	(3) ., 5	( <sup>8</sup> ) , 1	236, 790 4 2, 305, 720	93.7 98.2	Foundation Refuse disposal plant Subway (other than . buildings)	107, 396 100, 308	1, 000 8, 937	( <sup>3</sup> )	. 9 8, 9	540, 513	1 56.7
Roofing	405, 025	972 70, 055	, 5	. 2	1, 139, 312 2, 474, 561	07, 8 98, 5		15, 106, 328	92, 048	1.1		50, 457, 080	1
NEW YORK CITY						;	Subcontractors Concreting Heating and plumping	4 123, 328, 675 6, 511, 494 4 39, 059, 658	3, 304, 023 10, 128 12, 108	1 1	2.7 2 (1)	\$ 283, 064, 252 17, 552, 665 \$ 77, 979, 139	94.4 95.3 94.8
Sand, gravel, stone, slag,							Heating and piping	12, 509, 319	12, 108 0, 458 2, 740	(8)	( <sup>3</sup> ) ( <sup>3</sup> )	17, 552, 065 77, 979, 139 26, 994, 219 45, 563, 031 12, 668, 871 12, 262, 265 16, 017, 831	89.3 97.5
cinders, etc. All classos	182, 023, 315	11, 721, 510	100. 0	0,4	660, 913, 566	67.2	Masoury Painting and decorating Plastering and lathing Roofing and sheet-metal work	4, 964, 065 2, 583, 231 3, 120, 712	3, 120, 301 561 5, 743	36.8 ( <sup>3</sup> )	62.9 ( <sup>3</sup> ) .2	12, 668, 871 12, 262, 265 16, 017, 831	97.3 96.9 92.1
General contractors ? Building	4 58, 604, 640 25, 730, 429	8, 525, 087 2, 482, 060	72.7 21.2		370, 949, 314 207, 368, 437	52.4 30.7	Roofing and sheet-metal work	4, 485, 088 2, 034, 381	003 903	(3)	(3) (3)	<sup>4</sup> 12, 332, 631 5, 521, 107	
Building not special- ized ? Commercial building	21, 681, 185	2, 232, 479			237, 570, 101	30. 0	Roofing Stonework Marble and tiling	2, 034, 381 2, 267, 972	2,025	(3) (3) 2, 5	.1	5, 308, 584	88.3
Oonmercial building only	1, 387, 595	98, 157	.8	7. 1	10, 323, 376	49.8	Excavating	2, 267, 972 9, 713, 225 288, 323	210, 639 1, 525		5		87. 3
ing only Residential building	120, 086	12, 375		10.3	574, 651	58.1	Tile, facing, terra cotta, floor, and wall						
only Highway	2, 541, 563 1, 299, 052 2, 270, 450	139,049	1, 2 2, 0 2, 8	23.4	18, 900, 300 3, 329, 622 9, 302, 940	37.4 95.4 78.6	All classes	182, 023, 315	5, 547, 849	100.0	1.8	660, 913, 566 \$376, 949, 314	52.4
Bridge and culvert Grading Street paving	2, 270, 400 41, 835 5, 935, 477	130, 040 303, 607 331, 216 13, 329 2, 705, 478	2, 8 . 1 23, 1	31, 9	178, 222 18, 749, 853	80.3 87.7	Building not special-	25, 730, 429	1, 027, 939	18.5	4.0	267, 368, 437	
Sewer, gas, water, con- duit	2, 282, 855			· ·	7, 761, 308	94.7	ized <sup>2</sup> Commercial building	21, 681, 185 1, 887, 595	710, 145 63, 321			237, 570, 101 10, 323, 370	1 A
Dam and reservoir Waterworks Dredging, river, harbor,	46, 687 2, 236, 977	281, 064 20, 000 47, 694	.2 .4	42.8 2.1	170, 297 4, 707, 418	72. 9 95. 8	only. Manufacturing build- ing only.	1, 331, 585	2, 050		1	574, 051	
etc. Railroad	2,001,940 1,201,770	129, 814 388, 177	1.1 3.3	6.5 30.8	8, 573, 224 5, 367, 814	91.7 91.2	ing only Residential building only	2, 541, 563	245, 514	4.4	- 9, 7	18, 900, 309	37, 4
Foundation Refuse disposal plant	107, 390 100, 308	41, 600 2, 472	.4 ( <sup>3</sup> )	38.7 2.5	546, 513 377, 618	58.7	Dredging, river, harbor, etc Refuse disposal plant	2, 001, 940 100, 308	7,000 73	( <sup>8</sup> )	.3	6, 573, 224 377, 618	91, 7 78, 5
Subway (other than buildings) Radio tower, etc	15, 106, 328 58, 345	1, 769, 066 9, 510			50, 457, 030 260, 857	92, 0 75, 1	Subway (other than	15, 106, 328			(8)	50, 457, 030	92.0
Saa footboton at ond		_, _, _,										· · · ·	

See footnotes at end of table.

# TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

				÷ î	i			<u></u>	COST OF DE	SIGNA	TED		p y d
		COST OF DI MATE		TED	l	cent of done by			MATE	RIAL			cent
KIND OF MATERIAL AND	Cost of all		Per cen		Value of construc-	ss do	KIND OF MATERIAL AND	Cost of all materials	I -	Per cen		Value of construc-	per ess d e 1
	materials distributed by kind	Amount	cost	als al	tion busi- ness	Indicated per all business o own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>
	oy kind	Amount	tal c	Cost of all distributed materials		licat wn f				Total o	strib		adice all b own
		1	Total	B B C		Ince				<u>е</u>	588		н 
NEW YORK CITY-Con.			;				NEW YORK CITY-Con.				:		
Tile, facing, terra cotta,							Cement-Continued	Dollars	Dollars			Dollars	94, 4
floor, and wall-Con. Subcontractors	Dollars \$ 123, 328, 675	Dollars 4, 511, 443	81.3	3.7	Dollars 283, 964, 252	94.4	Subcontractors Carpentering and wood	123, 328, 675	3, 132, 528 84, 914	30.6		283,964, 252 7, 652, 750	98.9
Carpentering and wood- flooring	2, 524, 103	2, 123 5, 576	(3)	. 1	7, 652, 756 5 77, 979, 139 45, 563, 041	86. 2 94. 8	flooring Concreting Electrical Heating and plumbing	2, 524, 103 6, 511, 494 13, 789, 014	2, 328, 612 100	22, 8 ( <sup>8</sup> )	35.8	17, 552, 766 17, 552, 665 35, 956, 870 \$ 77, 979, 139 26, 994, 219	05.3 97.5
Fleating and plumbing Plumbing Plumbing and heating	4 39, 059, 658 24, 157, 909	5, 476	.1	(ð) (ð)			Heating and piping	12,509,319	1, 689 325	(3) (3) (3) (3)	(3) (3) (3) (3) (3)	<sup>5</sup> 77, 979, 139 26, 994, 219 45, 563, 031	94, 8 89, 3 97, 5
combined	596, 319 4, 964, 665	100 85, 620	( <sup>3</sup> ) 1.5	(3) 1.7	1, 252, 085 12, 608, 871 16, 017, 831	98.4 97.3	Plumbing and heating	24, 157, 909 596, 319	1, 164 200				
Plastering and lathing Roofing and sheet-metal	3, 129, 712		(3)	(3) 1.0			combined Masonry Painting and decorating.	4, 964, 665 2, 583, 231	378, 797 1, 340	( <sup>3</sup> ) 3, 7 ( <sup>8</sup> )	( <sup>3</sup> ) 7.6		97, 3 96, 9
work Roofing Sheet-metal work	4, 485, 088 2, 034, 381 1, 580, 007	43, 889 32, 823 9, 066	.8	1.6	5, 521, 197	96. 4 93. 9	Glass and glazing Plastering and lathing	1,006,257 3,129,712	3, 000 116, 826	(3) 1, 1	.3 3.7	2, 088, 949 16, 017, 831	99.8 92,1
Roofing and sheet metal combined	870, 700	2, 000	(3)	.2	2, 247, 620	I.	Roofing and sheet-metal work	4, 485, 088 2, 034, 381	6, 305 5, 134	.1	.1 .3	<sup>5</sup> 12, 332, 631 5, 521, 197	04, 9 96, 4
Marble and tiling	9, 713, 225	4, 374, 095	78.9	45.0	22, 837, 843	98.4	Roofing and sheet metal combined	870, 700	1, 171 7, 368		. 1	2, 247, 626 5, 308, 58	
Cut stone, granite and marble							Marble and tiling	2, 267, 972 9, 713, 225	124, 057	1, 2	.3	22,837,843	3 98.4
All classes							Excavating Foundation	288, 323	30, 363 80, 968 18, 189	.3 .8 .2	14.6	2,041,14	7 81.2
General contractors <sup>2</sup> Building Building not special-	4 58, 694, 640 4 25, 730, 429		17.1 5.6	2.3 1.7	* 376, 949, 314 * 267, 368, 43	52.4 36.7	Flooring, n. e. s Structural steel*		10, 100				
ized <sup>2</sup> Commercial building	21, 681, 185	380, 019	4, 9	1.8	237, 570, 10	1	All classes	182, 023, 315	19, 432, 878	100. 0	10. 7	660, 913, 56	67.2
only Residential building	1, 387, 595		1 .			1	General contractors *	4 58, 694, 640 4 25, 730, 429	7, 243, 222 2, 183, 400	37.3 11.2		5 376,949, 31 5 207,308, 43	4 52.4 7 36.7
only Highway Bridge and culvert	2, 541, 000	1,968	(3)		3, 329, 62	2 95.4	Building Building not special- ized <sup>2</sup>					237, 570, 10	1
Street paving Sewer, gas, water, con- duit	2, 276, 450 5, 935, 470	593, 906	7.1	7 10.0	18, 749, 85	B 87.7	Commercial building	1, 387, 595		ļ	.7	10, 323, 37	6 49.8
Woterworks	_ Z. 260. 07 i	5 7,440 7 2,481	) L (3)	1	7, 761, 36 4, 767, 41	8 94.7 8 95.8	only Residential building only	2, 541, 563	40, 740	.2	1.6 1.5	3, 329, 62	2  95.4
Dredging, river, harbor, etc	2,001,94	0 24,000 0 3,204	h i	3 1.		4 91.7 4 91.2	Highway Bridge and culvert Street paving	. 2, 276, 456	117, 974	.6	5.2	9, 302, 94 18, 749, 85	0 78,6
Refuse disposal plant	- 107, 39	5,000	) ) ) ( <sup>3</sup> )		7 546, 51	3 56.7	Sewer, gas, water, con-		1.1	.2	1.4	7, 761, 30 4, 767, 41	8 94.7 8 95.8
Subway (other than buildings)			1	(3)	50, 457, 03	0 92, 0	duit						4 91.7
Subcontractors Carpentering and wood-		5 6, 406, 24	7 82.	9 5.1	2 5 283, 964, 25	2 94.4	Refuse disposal plant	-1 100.506	154, 143	N .8		2 5, 367, 81	4 91.2
		$ \begin{array}{ccc} 3 & 6, 15 \\ 4 & 23, 17 \end{array} $	ni i	2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 86.2 5 95.3	buildings)	- 15, 106, 328	4, 643, 210	23. 9		50, 457, 03 2 260, 85	0 92.0 7 75.1
Heating and plumbing Plumbing	- 4 39, 059, 65 - 24, 157, 90	8 48 9 48	7 (3) 7 (3)	(3)	45, 563, 03	9 94.8 1 97.5			1		1 .	0 283,964, 28	2 94.4
Concreting Heating and plumbing Plumbing Masonry Roofing and sheet-metal	4, 964, 66 4 4, 485, 08			3 ( <sup>3</sup> )	4 12, 668, 87 \$ 12, 332, 65		Concreting					17, 552, 66 21, 155, 28	15 95.3 14 97.3
work Roofing Stonework	2, 034, 38	1 1.20	8 ( <sup>3</sup> ) 8 26,	7 91,	$\begin{bmatrix} 1 \\ 5, 521, 19 \\ 5, 308, 58 \end{bmatrix}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Heating and plumbing Heating and piping	.   4 39, 059, 658 .   12, 509, 319			(3) (3) (3) (3) (3) (3)	<sup>5</sup> 77, 979, 18 26, 994, 21 45, 563, 02	9 94.8 9 89.8
Marble and tiling Flooring, n. e. s	9,713,22	5 4, 209, 47	0 55.	2 44. 2 2.	0 22,837,84	13 98.4		24, 157, 90 4, 964, 66 11, 439, 89	5 18,064 3 11,300,893	58.2	11 . 4	4 12, 668, 8	1 97.1 28 97.1
Cement		l in the	1				Marble and tiling	- 9, 713, 22	2,000		( <sup>3</sup> ) 1 6.	22, 837, 8 6, 100, 6	13 98. 4 12 87. 1
All classes		_		_	6 660, 913, 50		Ornamental iron		2 530, 17.	1 2.1		9 6. 100, 6 5 9, 663, 3 2 802, 3	95 94.4 16 95.8
General contractors <sup>2</sup> Building	25, 730, 42		5 69. 4 29.		1 \$ 376, 949, 3 9 207, 368, 4	14 52,4 37 36.7		- 190,70	60, 210 8 125, 16		8 41. 6 16.		54 97.1 70 94.1
Building not special ized <sup>2</sup> Commercial building	21, 681, 18	5 2, 741, 35	4 26.	8 12.	6 237, 570, 1	36.0	Cast iron, miscellane		1.0,10			2	
only Manufacturing build	1, 387, 51						ous, excluding pipe		2 9 999 M	1 100	0 1	8 660, 913, 5	66 67.
ing only Residential building	120, 08	1		2 15.							з Б.	1 \$ 376,949, 3	14 52.
only Highway Bridge and culvert	2,041,00	3 203, 88 2 350, 85 6 446 39	4 3.	4 27.	0 3, 329, 6	22 95.4 40 78.6	Building	25, 730, 42	9 87,91	6 2.	6	3 267, 368, 4	37 36.
Grading Street paying	5, 935, 47	6 446, 32 5 2, 59 7 1, 093, 80	0 ( <sup>3</sup> ) 5 10.	6.	2 178, 2	22 86.3 53 87.7	ized <sup>2</sup> Commercial building	21, 681, 18 g				2 237, 570, 1 3 10, 323, 3	
Sewer, gas, water, con duit Dam and reservoir	•	5 249, 23	6 2.	4 10.	9 7, 781, 3	68 94.7	Manufacturing build	-			1		
Dam and reservoir Waterworks Dredging, river, harbor	46, 68 2, 236, 97	7 20, 10 7 42, 20	18 .	2 43. 4 1.			Residential building only	~ I '		0 1.	2 1.		1
Bailroad	1, 2, 001, 94 1, 261, 77	10 127, 98 0 273, 52	0 2.	7 21.	7 5, 367, 8	24 91. 7 14 91. 2	Bridge and culvert	1, 299, 05 2, 276, 45	2 16,10 6 16,22	3 .	5	7 9, 302, 9	22 95. 40 78. 22 86.
Refuse disposal plant	100, 30	6 48,00 8 3,54	0.	5 44.	7 546, 5	13 56.7	Grading	41, 83   5, 935, 47	5 34 7 5, 23	0	2	1 18,749,8	53 87.
Subway (other than buildings)				4 9.	1 50, 457, 0	30 92.0	Sewer, gas, water, con duit	2, 282, 85	5 36, 78	8 1.	1 1.	6 7, 761. 3	68 94.
San footnoton at and	-44-610												

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D	ESIGNA ERIAL	TED		t of 5 by			COST OF E MAT	ESIGN. ERIAL	ATED	:	e by
	Cost of all		Per cei	nt of—	Value of	r cent s done l	KIND OF MATERIAL AND	Cost of all		Per ce	nt of—	Value of	er cent s done
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all business of own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all business of own force <sup>1</sup>
NEW YORK CITY-Con,							NEW YORK CITY-Con,			1		·· · ·	
Cast iron, miscellane- ous, excluding pipe- Continued							Lumber, rough and finished—Continued General contractors—Con.	Dotlars	Dollars			Dollars	
General contractors-Con. Waterworks	Dollars 2, 236, 977	Dollars 043		(8)	Dollars 4, 767, 418	1 1	Refuse disposal plant Subway (other than buildings)	100, 308 15, 106, 328	1, 716 2, 157, 911	22.6	1.7 14.3 6.0	377, 618 50, 457, 030	92, 0
etc Railroad	2, 001, 940 1, 261, 770	14, 908 31, 253	0.4 .9	0,7 2,5	6, 573, 224 5, 367, 814	01.7 91.2	Radio, tower, etc Subcontractors	58, 345 + 123,328, 675	3, 512 2, 228, 949			200, 357 5 283,964, 252	i i
Central station, light and power plant Refuse disposal plant	208, 785 100, 308	12,027 47,221	.4 1.4	5.8 47.1	1, 738, 101 377, 618	77, 6 78, 5	I Carpontering and wood-			15.6 5.8	59. 0 8. 5	7, 652, 756 17, 552, 665	86. 2 95, 3
Subway (other than buildings)	15, 106, 328		82. 2	18.1	50, 457, 030	92.0	flooring Concreting Electrical Elevator construction	2, 524, 103 6, 511, 494 13, 789, 014 13, 740, 078	534	( <sup>3</sup> )	(3)	35, 956, 870 21, 155, 284	97.5 97.3
Subcontractors Carpentering and wood flooring	123,328, 675	324, 708		.3	\$ 283,904, 252		Heating and plumbing Heating and piping	12, 509, 319	2, 354	3 (3) ( (3) ( (3)	(3) (3) (3) (3)	<sup>5</sup> 77, 979, 139 26, 994, 219 45, 563, 031	94.8
Concreting	0,011,404	1, 207	( <sup>3</sup> )	(3)	7, 652, 750	86, 2 95, 3 97, 3	Plumbing Plumbing and heating combined	24, 157, 909 596, 319	100	(8)	(3)		•
Elevator construction Heating and plumbing Plumbing	13, 746, 078 39, 059, 658 24, 157, 900	09 957	.7	.1	7, 652, 750 17, 552, 665 21, 155, 284 \$ 77, 979, 130 45, 563, 031 12, 668, 871 12, 262, 265 2, 088, 940	94.8 97.5	Painting and decorating.	4, 964, 665	16, 951	1.5		$\begin{array}{c} 1,252,085\\ 12,668,871\\ 12,262,265\\ 2,088,946\\ 16,017,831\end{array}$	97.3 96.9
Masonry Painting and decorating.	4, 964, 665 2, 583, 231	8, 052 2, 977 9, 000	.2	$\frac{2}{1}$	12, 668, 871 12, 262, 265	97.3 96.9	Glass and glazing Plastering and lathing Roofing and sheet-metal	1, 006, 257 3, 129, 712	4, 500 5, 580	) ( <sup>8</sup> ) ( )	.4		
Glass and glazing Roofing and sheet-metal work Roofing and sheet	1, 006, 257 4 4, 485, 088		(8)	(3)	* 12, 332, 631	94.9	Roofing Sheet-metal work	2, 034, 381	22, 942	2 . 2	.5 1.1 ( <sup>3</sup> )		94, 9 96, 4 93, 9
Steel erection	870, 700 11, 439, 896	5, 519	.2	(3)	2, 247, 620 17, 522, 128 9, 663, 395	93.6 97.8 94.5	Roofing and sheet metal combined Steel erection	870, 700 11, 439, 896	826 100	(3)	(8)	2, 247, 626 17, 522, 128 5, 308, 584	93. 5 97. 8
Ornamental iron Dredging, river, harbor, etc	5, 036, 832 143, 730			1.			Marble and tiling	9,713,225	2, 033 1, 372 72, 011		(3)	22, 837, 843	98.4
Ornamental metal work						67.2	Ornamental iron	5, 036, 832	1,600	(3)	(3)	9, 663, 395	94, 5
All classes General contractors <sup>2</sup>	182, 023, 315	70, 330	1.6	.1	\$ 376,949, 314	52.4	etc Foundation Metal work, n. e. s	143, 730 555, 298	1, 544 33, 945	( <sup>3</sup> )	1.1 6.1	441, 154 2, 041, 147 1, 216, 076	81.2
Building Building not special-	+ 25, 730, 429 21, 681, 185	63, 048 42, 915			* 267,368,437 237,570,101		Metal work, n. e. s Flooring, n. e. s	746, 048 839, 486	5, 263 2, 500	(3)	.7	1, 216, 970 1, 997, 075	94, 9 97, 3
ized <sup>2</sup> . Commercial building only	1, 387, 595						Paints, varnishes, glass						07.0
only Residential building only	2, 541, 563	· · · · · · · · · · · · · · · · · · ·	.3	.5	18, 900, 309	37.4	All classes	182, 023, 315				660, 913, 566 376,949, 314	
Subway (other than buildings) Radio tower, etc	15, 106, 328 58, 345	6, 511 777	( <sup>3</sup> )	(3) 1.3	50, 457, 030 260, 857	92.0 75.1	General contractors <sup>3</sup> Building Building not special-	4 58, 694, 640 4 25, 730, 429	215, 086 194, 226		. 8	<sup>a</sup> 267,368, 437	36.7
Subcontractors	123,328,675	4, 361, 182	98.4		283,964, 252 21, 155, 284	94, 4 97, 3	ized <sup>2</sup> Commercial building	21, 681, 185	127, 970		.6	237, 570, 101 10, 323, 376	
Elevator construction Plastering and lathing Roofing and sheet-metal	13, 746, 078 3, 129, 712	1,466	(0)	(3)	16,017,831	92, 1	only Residential building	1, 387, 595 2, 541, 503	29, 548 36, 708	1.0		18, 900, 309	37.4
work Roofing Sheet-metal work	4, 485, 088 2, 034, 381 1, 580, 007	67, 734 4, 790 57, 577	1.5 .1 1.3	.2	5, 521, 197	94, 9 96, 4 93, 9	only Bridge and culvert Grading Waterworks	2, 276, 456 41, 835 2, 236, 977	615 31 4, 602	(3) (3)	( <sup>3</sup> )	9, 302, 940 178, 222	78.6 86.3
Roofing and sheet metal combined Steel erection	11 430 808	57, 379	1, 3	.6 .5	17, 522, 128	07.8		2, 001, 940 1, 261, 770 107, 396	4, 570 3, 721	11		6, 573, 224 5, 367, 814	91. 2
Stonework Marble and tiling	2, 267, 972 9, 713, 225	27, 658 6, 575 4, 187, 370	. 1	.1	5, 308, 584 22, 837, 843 9, 663, 395	88.3 98.4 94.5	Foundation Refuse disposal plant	107, 396 100, 308	200 416		.2	546, 513 377, 618	
Ornamental iron Lumber, rough and	5,030,632	4,107,070	01.0	0.1	0,000,000		Subway (other than buildings) Radio tower, etc	15, 106, 328 58, 345	5, 973 732	( <sup>3</sup> ). 2	(3) 1.3	50, 457, 030 260, 857	92. 0 75. 1
finished All classes	182, 023, 315	9, 552, 008	100. 0	·			Subcontractors Carpentering and wood-	+ 123,328, 675	3, 644, 369	94. 4	3. 0	s 283,964, 252	94.4
General contractors 2 Building	58, 694, 640 25, 730, 429	7, 323, 059 3, 815, 151	76.7 39.9				flooring Concreting	2, 524, 103 6, 511, 494	54, 623 11, 962	1.3	2.2 .2	7, 652, 756 17, 552, 665 35, 956, 870	86. 2 95. 3
Building not special- ized <sup>2</sup> Commercial building	. 21, 681, 185	2, 871, 818	30. 1	13. 2	237, 570, 101		Electrical	13, 789, 014 13, 746, 078	620	(3)	(3) (8)	35, 956, 870 21, 155, 284 \$ 77, 979, 139	97.3
only Manufacturing build-	1, 387, 595	10 ° ° ° °					Heating and plumbing		8, 528 500 8, 028	1.2	(3) (3) (3)	26, 994, 219 45, 563, 031	89, 3 97, 5
ing only Residential building	. 120, 086 2, 541, 563			.9 16.7		1 · · ·	Painting and decorating Glass and glazing	2, 583, 231 1, 006, 257 3, 129, 712	2, 499, 837 979, 534	64.8 25.4	96, 8 97, 3	12, 262, 265	96, 9 99, 8
only Highway Bridge and culvert	1, 299, 052 2, 276, 456	20, 505	3.3	1.6 13.9	3, 329, 622 9, 302, 940	95.4	Planting and decorating. Planting and decorating. Glass and glazing Plastering and lathing. Roofing and sheet-metal work	8, 129, 712		(*)	.1	16, 017, 831	1
Grading Street paving	41,835 5,935,477	695	(8)	1.7	178, 222 18, 749, 853	86.3 87.7	Roofing Sheet-metal work	4, 485, 088 2, 034, 381 1, 580, 007	11, 402 3, 599 1, 199	1	$     \begin{array}{c}         .3 \\         .2 \\         .1         $	5, 521, 197	96. 4 93. 9
Sewer, gas, water, con- duit Dam and reservoir	2, 282, 855	152, 421	1. 6 ( <sup>3</sup> )	9.0	170.297	72.9	Roofing and sheet metal combined	870, 700	6 664		.8	2, 247, 626	1 2
Waterworks Dredging, river, harbor,	2, 236, 977	37,070	.4	1.7	4, 767, 418	95, 8	Steel erection Stonework Marble and tiling	11, 439, 896 2, 267, 972 9, 713, 225	23, 962 23, 962 8, 101 3, 282 8, 634				88.3 98.4
etc Railroad	2,001,940 1,261,770 107,396	126, 048	6.9 1.3 (3)		6, 573, 224 5, 367, 814 546, 513	91.2	Dredging, river, harbor,	9, 713, 225 5, 036, 832		1		9, 663, 398	94, 5
Foundation Central station, light and power plant				1.1	1, 738, 101	1	etc. Flooring, n. e. s.	143, 730 839, 486	4, 250 27, 500	.1	3.0 3.3	441, 154 1, 997, 075	97.7 97.3
See featnetes at and	•												

See footnotes at end of table.

### TABLE 10.--COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS-Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

· · · · · · · · · · · · · · · · · · ·		COST OF D		ATED		of by			COST OF I	ESIGN	ATED		by
	Clast of -11		ERIAL Per ce:	nt of-	The Process	cent		0	MAT	ERIAL Per ce	nt of	T1_7	cent
KIND OF MATERIAL AND CLASSIFICATION OF ESTAD- LISHMENTS	Cost of all materials distributed by kind	Amount		Cost of all a distributed s materials	Value of construc- tion busi- ness	Indicated per all business d own force 1	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials distributed by kind	Amount		Cost of all distributed of materials	Value of construc- tion busi- ness	Indicated per all business d own force 1
			<u>н</u>	- di		<u>я</u>				Ē.	057		B
NEW YORK CITY-Con.		i					NEW YORK CITY-Con.						
Roofing and sheet metal	Dollars	Dollars			Dollars		Plumbing and gas fit- ing equipment—Con.			-			
All classes	182, 023, 315	4, 589, 018			660, 913, 566		General contractors—Con. Sewer, gas, water, con-	Dollars	Dollars			Dollars	
General contractors <sup>2</sup> Building	4 58, 694, 640 4 25. 730, 429	179, 513 170, 576	3, 9 3, 7	.3 .7	<sup>\$</sup> 376,949, 314 <sup>\$</sup> 207,368, 437	52, 4 36, 7	duit Waterworks	2, 282, 855 2, 236, 977	8, 101 15, 158	(3) 0.1	0.1	7, 761, 368 4, 767, 418	94.7 95.8
Building not special- ized <sup>2</sup> . Commércial building	21, 681, 185	109, 956	2,4	. 5	237, 570, 101	36. 0	Dredging, river, harbor, etc. Central station, light and	2, 001, 940	160	(3)	(3)	6, 573, 224	91. 7
only Residential building only	1, 387, 595	1,100		. 1	10, 323, 376	49.8	power plant Refuse disposal plant	208, 785 100, 308	18, 820 998	(3)	9.0 1.0	1, 738, 101 377, 618	77.6 78.5
Waller WOLKS	2, 541, 563 2, 236, 977	59, 520 3, 436	1.3		18, 900, 309 4, 767, 418	37.4 95.8	Subway (other than buildings)	15, 106, 328		1		. ,	
Dredging, river, harbor, etc Railroad	2,001,940 1,261,770	425 3, 038	( <sup>3</sup> ) .1	( <sup>3</sup> )	6, 573, 224 5, 367, 814	91. 7 91. 2	Subcontractors Carpentering and wood-	4 123, 328, 675 2, 524, 103		1. L		* 283, 964, 252	1
Subway (other than buildings) Radio tower, etc	15, 106, 328	1, 851	(3)	(3)	50, 457, 030	92.0	flooring Concreting Electrical	6, 511, 494 13, 789, 014	30, 868 300	(3)	(3)	7, 652, 756 17, 552, 665 35, 956, 870 \$77, 979, 139	86.2 95.3 97.5
	58, 345 123,328, 675		(³) 96. 1	.3	260, 857 \$ 283,964, 252	75. 1 94. 4	Heating and plumbing Heating and piping	+ 39, 059, 658	22, 102, 396	98.8	1.5	26.994.219	89.3
Subcontractors Carpontering and wood- flooring	2, 524, 103	6, 200					Plumbing Plumbing and heating	24, 157, 909 596, 319	20, 594, 005 373, 991	92. 1 1, 7		45, 503, 031 1, 252, 085	97.5 98.4
Electrical Heating and plumbing	13, 789, 014	1,000 748,321	(3)	( <sup>3</sup> )		97.5 94.8	combined Automatic sprinkler systems	950, 113				1, 252, 085	
Heating and piping Plumbing Plumbing and heating	12, 509, 319 24, 157, 909	55,706	15.0	5.5		89.3 -97.5	Masonry Roofing and sheet-metal	4, 964, 665	600	(3)	(3)	12, 668, 871	97. 3
combined Painting and decorating Roofing and sheet-metal	596, 319 2, 583, 231	4, 818 610	( <sup>3</sup> )	( <sup>3</sup> ). 8	1, 252, 085 12, 262, 265	98, 4 96, 9	work Sheet metal Marble and tiling	4 4, 485, 088 1, 580, 007 9, 713, 225	4, 210 4, 210 5, 025	(3) (3) (3)	$1 \\ .3 \\ .1$	4, 503, 808	93.9
Work	4, 485, 088 2, 034, 381	1,601,635	34.9		12, 332, 631 5, 521, 197	94, 9 96, 4	Electrical appliances and supplies *						
Roefing Sheet-metal work Roofing and sheet metal combined	1, 580, 007	1, 206, 733	26.8	76.4	4, 563, 808	93, 9	All classes	182, 023, 315				660, 913, 566	
Dredging, river, harbor, ote	870, 700 143, 730	1. A.		[ .	2, 247, 626 441, 154		General contractors <sup>2</sup> Building Building_not_special-	4 58, 694, 640 4 25, 730, 429		3.6	.8	<sup>3</sup> 376, 949, 314 <sup>5</sup> 267, 368, 437	52, 4 36, 7
Heating and ventilating		10,101			*11,103	51.1	ized <sup>2</sup> Commercial building	21, 681, 185					
equipment *	100 000 015	10 407 079	100 /		000 019 500	07 0	only Residential building	1, 387, 595				10, 323, 376 18, 900, 309	49.8 37.4
All classes	182, 023, 315	·			660, 913, 566 3 376,949, 314		only Bridge and culvert Grading	2, 541, 563 2, 276, 456 41, 835	5,419	(3)	.2	9, 302, 940 178, 222	78.6 86.3
Building not special-	+ 25, 730, 429	230, 828	1.6	5 .9	<sup>5</sup> 267,368, 437	36, 7	Grading. Street paving. Waterworks.	5, 935, 477 2, 236, 977	4, 228 31, 085	( <sup>3</sup> )	1,4	18, 749, 853 4, 767, 418	87.7 95.8
ized <sup>2</sup> Commercial building	21, 681, 185 1, 387, 595		1.2				Railroad Foundation Central station, light,	1, 261, 770 107, 396	9, 575 150	(3)	.8	5, 367, 814 546, 513	91. 2 56. 7
only Residential building only	2. 541. 563	37, 058					and power plant Refuse disposal plant	208, 785 100, 308	90, 000 7, 635	.7	43.1 7.6	1, 738, 101 377, 618	77.6 78.5
Waterworks. Central station, light and	2, 236, 077	8, 216	(3)	4	4, 767, 418		Subway (other than buildings)	15, 106, 328					
power plant Refuse disposal plant			(3) (3)	2.6	1, 738, 101 377, 618	77.6 78,5	Subcontractors Carpentering and wood-	123, 328, 675			i	<sup>3</sup> 283, 964, 252	l
Subcontractors	123,328,675 13,789.014				35 056 970	075	flooring Concreting	2, 524, 103 6, 511, 494 13, 789, 014	4, 206 8, 393 12, 748, 560	.1		17, 552, 665	86.2 95.3 97.5
Elevator construction Heating and plumbing	13, 746, 078 4 39, 059, 658	50,000 15,242,675	. 3 92, 6	39.0	21, 155, 284 5 77, 979, 139	97.3 94.8	Electrical Elevator construction Heating and plumbing	13, 746, 078 4 39, 059, 658	5,000 20,590	(3)	(8)	21, 155, 284 \$ 77, 979, 139	97.3 94.8
Heating and piping Pipe covering Plumbing	13, 745, 014 13, 746, 078 4 39, 059, 658 12, 509, 319 068, 597 24, 157, 909	11, 379, 877 657, 847 2, 845, 783	69. 1 4. 0 17. 3	98.4	1,881,927	89, 3 99, 9 97, 5	Heating and piping Plumbing Plumbing and heating	12, 509, 319 24, 157, 909	5,010	( <sup>8</sup> )	( <sup>3</sup> ) .1	21, 155, 284 77, 979, 139 26, 994, 219 45, 563, 031	89.3 97.5
combined	596, 319	181, 767	1, 1	1			Plumbing and heating combined Painting and decorating	596, 319 2, 583, 231	2, 230 300	(3) (3)	( <sup>3</sup> ).4	1, 252, 085 12, 262, 265	
Automatic temperature control	177, 401	177, 401 26	1.1			100.0	Roofing and sheet-metal workSheet-metal work	1 · · ·	2,000		(3)	1 10 000 891	04.0
Masonry Roofing and sheet-metal work	4, 964, 665		(3) 1.6	(3) 5.9	12, 608, 871 12, 332, 631	1 3	Steel erection	1,580,007 11,439,896	2,000	(3) (3)	(3).1	4, 563, 808 17, 522, 128	93.9 97.8
Roofing Sheet-metal work	4 4, 485, 088 2, 034, 381 1, 580, 007	3, 800 261, 509	1.0	2 16.6	5, 521, 197	96.4 93.9	Stone work Excavating Ornamental iron Dredging, river, harbor,	2, 267, 972 288, 323 5, 036, 832	1, 378 1, 094 300	(3) (3) (3) (3) (3)	(3)	4, 563, 808 17, 522, 128 5, 308, 584 6, 100, 642 9, 663, 395	88.3 87.3 94.5
Steel erection Plumbing and gas fit-	11, 439, 896	92	(3)	(8)	17, 522, 128	97.8	etc	143, 730		.1	1 1	441, 154	
ting equipment*		DO 071 400					Elevators, dumb-wait- ers, and equipment *	1.					
All classes	182,023,315				660, 913, 566 376,949, 314		All classes General contractors <sup>2</sup>	182, 023, 315	13, 662, 535 24, 618			660, 913, 566 376, 949, 314	$\frac{67.2}{52.4}$
Building not special-	4 58, 694, 640 4 25, 730, 429			6	s 267,368, 437	36.7	Building not special-	4 25, 730, 429	23, 322			<sup>\$</sup> 267, 368, 437	36, 7
ized <sup>2</sup> Commercial building	21, 681, 185						ized <sup>2</sup> Commercial building	21, 681, 185		(	[		
only Residential building only	1, 387, 595 2, 541, 563	12, 270 66, 383	.1 .3	ſ		( · · · )	only. Residential building only.	1, 387, 595 2, 541, 563		(8)	( <sup>3</sup> )	18 900. 309	37.4
Orading. Street paving	2, 541, 563 41, 835 5, 935, 477	66, 383 542 214	(3) (3)	1.3 ( <sup>3</sup> )	18, 900, 309 178, 222 18, 749, 853	86.3 87.7	Street paving	2, 541, 563 5, 935, 477 100, 308	109 1, 187	(8)	(a) 1.2	18, 749, 853 377, 618	37.4 87.7 78.5
See factnates at and		-	-										

See footnotes at end of table.

# TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VAULE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D		ATED	1	by			COST OF D		ATED		by by
	Cost of all	MAT:	ERIAL Per cei	nt of		cent		Cost of all		Per ce	nt of	Value of	cent
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials distributed				construc- tion busi-	Indicated per all business d own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed				construc- tion busi-	Indicated per all business d own force 1
LISHMENTS	by kind	Amount	al cost	t of s ributo terial	ness	icated l busi vn for	1131131121 15	by kind	Amount	al cost	Cost of all distributed materials	ness	leated I busi vn foi
			Total	Cost of all distributed materials		Indi all ov				Total	Cos distr ma		Indi all ov
NEW YORK CITY-Con.			-				BRONX BOROUGH-Con.					n de la	
Elevators, dumb-wait- ers, and equipment-							Brick (face, common, fire, paving, etc.)						
Continued	Dollars	Dollars			Dollars		All classes	<b>Dollars</b> 14, 668, 309	Dollars 595, 150	100. 0	4, 1	Dollars 41, 557, 624	78.4
Carpentering and wood-	4 123, 328, 675 2, 524, 103	13, 637, 917 350	99.8 (3)	( <sup>3</sup> )	<sup>3</sup> 283, 964, 252 7, 852, 756		General contractors Building	<sup>4</sup> 3, 041, 823 <sup>4</sup> 737, 147	103, 421 89, 549	17.4 15.0	3.4 12.1	\$ 14, 960, 627 \$ 5, 049, 964	67. 8 36. 7
flooring Electrical Elevator construction	13, 789, 014	14, 750 13, 620, 017	99.7	.1	21, 155, 284	97.3	Building not special- ized Commercial building	638, 277	81, 449	13. 7	12, 8	4, 054, 807	41. 1
Masonry Pipe: Cast-iron, sheet	4, 964, 665	2, 800	(3)	.1	12, 668, 871	97. 3	Only Street paying	43, 516 724, 581	8, 100 10, 000	1.4 1.7	$18.6 \\ 1.4$	601, 700 2, 294, 932	84.8
and tube steel, etc. All classes	s 182, 023, 315	3, 683, 815	100.0	2.0	º 660, 913, 566	67.2	Foundation Subway (other than buildings)	. 78, 100 1, 382, 215	1,000 2,872		1	312, 750 6, 640, 350	ļ
General contractors	4 58, 015, 042 4 25, 051, 431	2, 127, 056	57.8	3.7	\$ 360, 803, 768 \$ 251, 222, 891	55, 2 39, 3			491, 735	82.0	4.2	<sup>\$</sup> 26, 596, 997	94, 8
Building Building not special- ized	21, 002, 187	3, 642	.1		221, 424, 555	38, 9	Subcontractors Concreting Masonry	227, 929	728 488, 832	8 82. 1	.8 45.7	625, 612 2, 512, 185	97.6 98.1
Commercial building only Residential building	1, 387, 595	15, 270	.4	1.1	10, 323 <b>, 3</b> 70	40.8	Roofing and sheet-metal work Roofing	4 1, 049, 982 202, 001	600 600	) .1	ll .3	416, 531	92.8
only Bridge and culvert	2, 541, 503 2, 276, 456	40,971	.1 1.1	1.8	18, 900, 309 9, 302, 940 178, 222	37.4 78.6	Roofing Stonework Excavating	815, 779 72, 489	50 1, 525	) (a)	(3)	772, 544	l 86. O
Grading Street paving Sewer, gas, water, con-	41 835	187 16, 374	(9)	.4	178, 222 18, 749, 853	86, 3 87, 7	Tile (fireproofing) All classes	14, 668, 809	414, 643	100.0	2.8	41, 557, 624	78.4
Dam and reservoir	2, 282, 855 46, 687	184, 172 582	5. 0 (3)	8.1 1.2	7, 761, 368	94.7 72,9	General contractors	4 3, 041, 823	136, 880	33. 0	4.5	\$ 14, 960, 627	67.8
Waterworks Dredging, river, harbor,	2, 236, 977	1, 318, 075	35.8	58.0	4, 767, 418	1	Building Buildingnotspecialized.	638, 277	136, 880 136, 880		21.4	4, 054, 807	41.1
etc Railroad Central station, light, and power plant	2,001,040 1,261,770	20, 284 2, 830	.1	.2		91.7 91.2	Subcontractors Masonry	4 11, 626, 486 1, 068, 883	277, 763 277, 378	67, 0 66, 9	2.4 26.0	4 26, 596, 997 2, 512, 185	94, 8 98, 1
Refuse disposal plant	208, 785 100, 308	80, 000 352	2, 2 ( <sup>3</sup> )	38.3 .4	1, 738, 101 377, 618	77.6 78.5	Roofing and sheet-metal work Roofing	4 1, 049, 982 202, 001	825 325	.1	( <sup>3</sup> ) . 2	<sup>5</sup> 2, 680, 811 416, 531	92,8
Subway (other than buildings)	15, 106, 328	433, 367				92.0	Stonework Tile, facing, terra cotta,	315, 779	60		(3)	772, 544	86.0
Subcontractors	123, 328, 675 6, 511, 494	1, 555, 859 4, 952	42.2	1.3	17,552,665	94. 4 95. 3	All classes	14, 668, 309	540, 302	100.0	3.7	41, 557, 624	78, 4
Elevator construction	13, 789, 014	240, 580	6.8	1.8 ( <sup>3</sup> )	85, 956, 870 21, 155, 284 \$ 77, 979, 139	97.5	General contractors	4 3, 041, 823	19,078	3.5	. 6	\$ 14, 960, 627	67.8
Heating and plumbing Heating and piping	4 39, 059, 658 12, 509, 319 24, 157, 909	709, 847 205, 069 578, 332	21.7 5.6 15.7	1.6	-26,994,219	89, 3	Building Building not specialized_	638, 277 + 11, 626, 486	19, 078 521, 224	3.5	3.0	4, 054, 807	41.1
Plumbing Plumbing and heating combined	596, 319	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2.8	1, 252, 085	98.4	Subcontractors Masonry Roofing and sheet-metal	1, 068, 883	23, 177	4.3	2.2	2, 512, 185	98.1
Masonry Excavating Ornamental iron	4, 964, 665 288, 323	10, 446 1, 757 44, 361 45, 700	(3) 1, 2 1, 2	(3) 15, 4 . 9	12, 668, 871 6, 100, 642 9, 663, 395	97.3 87.3 94.5	work Roofing	4 1, 049, 982 202, 001	12, 924 12, 924 485, 123	2.4	1.2 6.4 33.5	<sup>4</sup> 2, 680, 811 416, 531 3, 577, 080	92.8
Highway Waterworks	5, 036, 832 298, 427 20, 047	175, 540 20, 047	4.8	58, 8	802, 346	95.3	Marble and tiling Cut stone, granite and	1, 447, 286	980, 120	00.0	00,0	0,011,000	
Dredging, river, harbor, etc	143, 730	18	(3)	(3). 38, 2	441, 154 2, 041, 147	07.7 81.2	marble † All classes	14, 668, 309	1, 273, 379	100. 0	8.7		
Foundation	555, 208	312, 247	. 0, 0	00.2	2,041,117	51, 2	General contractors Building	4 3, 041, 823 4 737, 147	13, 250 4, 000	1.0	.5	\$ 5, 049, 964	36.7
BRONX BOROUGH Sand. gravel, stone, slag,							Building not specialized. Highway Street paving	638, 277 16, 228 724, 581	4,000 1,548 7,702	.3	9.5	180, 000	100.0
cinders, etc.	14, 668, 309	1, 018, 554	100, 0	6.9	41, 557, 624	78.4	Subcontractors	4 11, 626, 486	1, 260, 129 5, 170	99.0	10. 8	5 26, 596, 997	94.8
General contractors Building	[	726, 484	71.3	23.9	<sup>5</sup> 14, 960, 627	67,8	Concreting Masonry Stonework Marble and tiling	1, 068, 883 315, 779	8,677 307,406	24.1	97.3	625, 612 2, 512, 185 772, 544 3, 577, 080	98.1 86.0
Building not special-	638, 277	86, 023	-	1	4, 054, 807		Marble and tiling Flooring, n. e. s	1, 447, 280 248, 264	931, 082 7, 794	73.1		3, 577, 080 569, 490	96. 5 88. 8
ized Commercial building only	43, 516	9, 516	.9	21. 9	801, 700	54.2	Cement All classes	14, 668, 309	652, 298	100.0	4.4	41, 557, 624	78.4
Residential building only Highway	55, 354 16, 228	3, 473 6, 375 246, 536	.3		393, 457 180, 000	17.8 100.0	General contractors Building	4 3, 041, 823 737, 147	406 280	62.3	10, 2	5.049.964	36.7
Street paving Sewer, gas, water, con-	724, 581				2, 294, 932 435, 310		Building not specialized. Commercial building	638, 277	75, 461 71, 947			4, 054, 807 601, 700	
duit Foundation Subway (other than	101, 002 78, 100	2, 699 35, 000	. 3 3. 4	2.7 44.8	312, 750		only Residential building only	43, 510 55, 354	800 2. 714	.1	1.8 4.9	393, 457	17.8
buildings)	1, 382, 215		ł	1.	6, 640, 350		Highway Street paving	16, 228	2, 714 6, 612 174, 607	26.8	40.7	180, 000 2, 294, 932	100.0
Subcontractors Concreting	227,929	107,722	28, 7 10, 6 12, 4	47.3		97.6	Subway (other than	78,100	35, 000 114, 600		ł .	1 A A A A A A A A A A A A A A A A A A A	
Masonry Plastering and lathing Roofing and sheet-metal	1, 068, 883 122, 568			5.5	358, 616	91.2	buildings) Subcontractors	1, 382, 215 11, 626, 486 227, 020	246, 018 81, 244	37.7	2.1	5 26, 596, 997 825, 615	94.8
Roofing and sheet	4 1,049,982 202,001		.8 .7	. 8 3. 8	<sup>5</sup> 2, 680, 811 416, 531	89, 8 92, 8	Concreting Masonry Plastering and lathing	227,929 1,008,883 122,588	81, 244 110, 749 9, 471	17.0	10.4	2, 512, 185	5 98.1
Roofing and sheet metal combined Stonework	318, 878 315, 779	910 3, 550	J 8	1.1	772, 544	1 86.0	work	4 1, 049, 982	4, 739 3, 598	1		4 2, 680, 811 416, 531	
Marble and tiling Excavating	1, 447, 286 72, 489	2, 800	3. 3	46.1	3, 577, 080 1, 182, 525	96.5 89.8 89.9	Roofing Roofing and sheet met- al combined	202, 001 318, 878		1.	· ·		ļ
Flooring, n. e. s	248, 264 i of table.	2, 598		1.0	a 000,480	0010				1.00			•:

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS--Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materias]

		COST OF D MATI	ESIGN. ERIAL	ATED		cent of done by			COST OF D MAT	ESIGN ERIAL	ATED		cent of lone by
KIND OF MATERIAL AND	Cost of all		Per ce	at of	Value of	s dor	KIND OF MATERIAL AND	Cost of all	-	Per ce	nt of—	Value of	s done
CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all business of own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all business d own force <sup>1</sup>
BRONX BOROUGH—Con. Cement—Continued				1997 - 1997 1997 - 1997	* • • •		BRONX BOROUGH—Con. Paints, varnishes, glass—					1997 - 1995 1997 - 1997	
Subcontractors-Contd.	Dollars 315, 779	Dollars 2, 975	0. 5	0.9	Dollars 772, 544	86. 0	Continued					the second	
Marble and tiling Excavating Flooring, n. o. s	1, 447, 286 72, 489 248, 264	6, 265 12, 386 18, 189	1.0 1.9	.4	3, 577, 080 1, 182, 525	96, 5 89, 8 88, 8	Subcontractors—Contd. Roofing and sheet-metal work Roofing Roofing and sheet met-	Dollars * 1, 049, 982 202, 001	Dollars 2, 867 1, 300	1.2 .6	0.3 .6	Dollars \$ 2, 680, 811 416, 531	
Structural steel * All classes	14, 668, 309	1, 370, 181	100. 0	9.3	41, 557, 624	78, 4	al combined	318, 878 1, 527, 220	1, 567 1, 155	.7	.5	786, 907 3, 350, 545	87.0 98.4
General contractors	4 3, 041, 823 4 737, 147	498, 349	36.4	16.4	\$ 14, 960, 627	67.8	Roofing and sheet metal	1,021,220	.,			-, -, -, -,	
Building Buildingnot specialized_ Residential building	638, 277	3, 634 458	( <sup>3</sup> )	.5		36.7 41.1	All classes	14, 668, 309	987, 463 34		6.7 ( <sup>3</sup> )	41, 557, 624	78.4
Subway (other than buildings)	55, 354 1, 382, 215	3, 176 494, 715		5.7 35.8	393, 457 6, 640, 350	17.8 91.7	General contractors Building Building not specialized_	4 3, 041, 823 4 737, 147 638, 277	34 34	(3) (3)	(3) (3)	<sup>5</sup> 5, 049, 964 4, 054, 807	36.7 41.1
Subcontractors	4 11, 626, 486	871, 832	63.6		<sup>4</sup> 26, 596, 997	94,8	Subcontractors Roofing and sheet-metal	4 11, 626, 486			8.5	<sup>5</sup> 26, 596, 997	
Concreting Steel erection	227, 929 702, 051 79, 480	900 058, 072	.1 48.0 1,5		625, 612 1, 398, 144	97.6 99.0 89.8	work Roofing	1, 049, 982 202, 001	987, 429 158, 655	100.0	78.5	2, 680, 811 416, 531	92.8
Excavating Ornamental iron	72, 489 1, 527, 220	20, 000 192, 860				99.8 98.4	Sheet metal-work Roofing and sheet metal.	529, 103				1, 477, 373	
Ornamental metal work*	<sup>10</sup> 14, 068, 309	1, 237, 867	100.0	84	11 41, 557, 624	78.4	combined Finished flooring (other	318, 878	300, 102	30.4	94.1	786, 907	87, 0
All classes	4 11, 626, 486	1, 237, 307	100.0	10.7		94.8	than cement, wood or tile)						
Roofing and sheet-metal work	1, 049, 982	5, 567	. 4	. 5		89.8	All classes	14, 668, 309	218, 764		1.5	41, 557, 624	
Roofing Roofing and sheet met- al combined Steel erection	202, 001 318, 878 702, 051	200 5, 367 5, 000	4	.1 1.7 .7	416, 531 786, 907 1, 308, 144	87.0	General contractors Building Building not specialized.	4 3, 041, 823 4 787, 147 638, 277	1, 492 1, 492 1, 492	.7	( <sup>3</sup> ) .2 .2	<sup>5</sup> 14, 960, 627 <sup>5</sup> 5, 049, 964 40, 054, 807	36.7
Marble and tiling Ornamental iron	1, 447, 286 1, 527, 220	4, 232	.3	.3	3, <i>5</i> 77, 080 3, 350, 545	96.5	Subcontractors Flooring, n. e. s	4 11, 626, 486 248, 264		99.3 99.3	1.9 87.5	<sup>5</sup> 26, 596, 997 569, 496	94. 8 88, 8
Lumber, rough and finished							Heating and ventilating equipment					. '	
All classes General contractors	14,608,309	963, 251 430, 241	100.0		41, 557, 624	78.4 67.8		10 14, 668, 309 4 11, 626, 486	521,858		3.6	<sup>11</sup> 41, 557, 624 <sup>5</sup> 26, 596, 997	
Building Buildingnot specialized Commercial building	737, 147 638, 277	151, 560 119, 538	15.7 12.4	20.6 18.7	5, 049, 964 4, 054, 807	36.7 41.1	Subcontractors Heating and plumbing Heating and piping Pipe covering	2, 112, 493 466, 408 17, 000	518, 058 466, 468	99.3	24.5 100.0 100.0	3, 928, 111 1, 108, 881 31, 000	94.7 81.1 100.0
only Residential building	43, 516		,5		601,700		Plumbing Plumbing and heating	1, 602, 326				2, 703, 230	
only Street paving	55, 354 724, 581 101, 002	27, 222 3, 217 5, 033	3	.4	393, 457 2, 294, 932 435, 310	84.8	combined Roofing and sheet-metal	26, 699		2.4	46.5	85,000	
Sewer, gas, water, conduit. Foundation	78, 100	2,500	.5			85.2	work Roofing	4 1, 049, 982 202, 001		.7	1.9	2, 680, 811 416, 531	
Central station, light and power plant	2, 550	2, 200	. 2	86.3	47, 321	4.3	Plumbing and gas fit- ting equipment †						
Subway (other than buildings)	1, 382, 215	265, 731	27. 6	19, 2	6, 640, 350	91, 7	All classes	14, 668, 309	1, 552, 788	100.0	10.6	41, 557, 624	78.4
Subcontractors	4 11, 626, 486	533, 010	.55. 3	4.6	<sup>a</sup> 26, 596, 997	94.8	General contractors	4 3,041,823	6, 601 101	.4 ( <sup>3</sup> )	( <sup>3</sup> ) <sup>2</sup>	\$ 14, 960, o27 \$ 5, 049, 964	
Carpentering and wood flooring	799, 262 227, 929	506, 222 12, 900				85. 1 97. 6	Building not specialized	638, 277		ł	(3)	4, 054, 807	ļ
Concreting Masonry Plastering and lathing Roofing and sheet-metal	1, 068, 883 122, 568	2, 554 1, 021	.3	.2	2, 512, 184 358, 616	98.1 91.2	combined Subway (other than buildings)	1, 382, 215	6, 500	1		6, 640, 350	
work Roofing Stonework	4 1, 049, 982 202, 001 315, 779	1,900	(1)	(3)	416, 531 772, 544	92.8 86.0	Subcontractors Heating and plumbing Plumbing Plumbing and heating	4 11, 626, 486 4 2, 112, 493 1, 602, 326	1, 545, 587	99.5 98.6	73.2 95.6		94.7 98.6
Excavating Metal work, n. c. s Millwork	72, 489 74, 136	3, 000 5, 263	.5	7.1	209, 576	100.0	combined Masonry Electrical appliances	26, 699 1, 068, 883	14, 281 600	(3)	53.5 .1	85,000 2, 512, 185	99.8 98.1
All classes	14, 668, 309	294, 473	-	J			and supplies			100 -		41	70 /
General contractors Building	4 3, 041, 823 4 737, 147	52, 981 52, 931	18.0	7.2	\$ 5,049,964	36.7	All classes General contractors	14, 668, 309				\$ 14, 960, 627	67.8
Buildingnotspecialized Residential building only	638, 277 55, 354	37, 369 15, 582			4, 054, 807 393, 457		Building Building not specialized.	4 737, 147 638, 277	2,021	E E	.3	5, 049, 964 4, 054, 807	36.7 41.1
Subcontractors	11, 626, 486						Residential building	55, 354 724, 581	325	5 .1 5 1.0	. 6	893, 457 2 204 935	17.8
Carpentering and wood- flooring Paints, varnishes, glass	799, 262	1					Street paving Foundation Subway (other than	78, 100	150	(3)	. 2		
All classes	14, 668, 309	.234, 451	100. 0				buildings)	1, 382, 215				\$ 26, 596, 997	94.8
General contractors	<sup>4</sup> 8, 041, 823 <sup>4</sup> 787, 147	3, 716 3, 516	1.6	.1	5 14, 960, 627 5, 049, 964	67.8 36.7	Subcontractors Electrical	4 11, 626, 486 389, 582 315, 779	389, 582	94.9	100.0	875, 758 772, 544	3] 100. O
Building Buildingnotspecialized Foundation	638, 277 78, 100	3, 516	1.5	6	4,054,807	41 1 85.3	Stonework Elevators, dumb-wait-	010,778	1,0/0	''			
Foundation	4 11, 626, 486	1					ers, and equipment	10 14, 668, 309	1, 160, 632	2 100 (	7.0	11 41, 557, 624	1 78.4
Carpentering and wood flooring	799, 262	8, 285	3. 5	1,0	2, 303, 981	85.1	All classes Subcontractors	4 11, 626, 486	1 160 639	100.0	10.0	5 26 506 99	94.8
Painting and decorating_ Glass and glazing	118,006 141,924	77, 227	32.9	65.4	334,849	99.1	Elevator construction	1, 158, 632 1, 068, 883	1, 158, 632 2, 000	2  99.8 )	3 100. 0 2 . 2		5 98.1

#### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

·													
		COST OF I MAI	DESIGN ERIAL	ATED		tt of e by			COS1 OF I MAT	ESIGN ERIAL	ATED		t of by
	Cost of all		Per ce	nt of—	Value of	r cent done l		Cost of all		Per ce	nt of	Value of	cent done l
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	materials distributed			ID .	construc- tion busi-	Indicated per all business d own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	materials distributed				construc- tion busi-	Indicated per all business d own force 1
LISHMENTS	by kind	Amount	cost	of a bute	ness	ated nisio	LISHMENTS	by kind	Amount	cost	of a pute rials	ness	forc
			Total	Cost of all distributed materials		all l all l owr				Total	Cost of all distributed materials		dica NT D
			<u> </u>	0-9-1							057		<u> </u>
BROOKLYN BOROUGH					ан 1911 - Ал		BROOKLYN BOROUGH- Continued	İ					
Sand, gravel, stone, slag, cinders, etc.							Cut stone, granite and						
All classes	Dollars 22, 107, 662	Dollars 1, 203, 025	100. 0	5.4	Dollars 58, 461, 959	74, <b>2</b>	marble	Dollars	Dollars		а.,	Dollars	
General contractors 2	5, 239, 581 2, 894, 187	1, 083, 498 259, 884	90, 1	20.7	25, 454, 649	54. 3	All classes	<sup>8</sup> 22, 107, 662	1, 472, 083		6.7	<sup>0</sup> 58, 461, 959 <sup>4</sup> 25, 039, 915	-
Building not special- ized <sup>2</sup>	2, 294, 187	191, 368	1		17, 079, 125 13, 406, 967	41.5	General contractors Building Building not special-	2, 760, 870		4.1 .7	1, 2 , 4	16, 664, 391	
Commercial building only	188, 688	17, 260	1.4		770, 285		ized Commercial building	2, 067, 729	5, 301	.4	. 3	12, 992, 233	51.1
Residential building	504, 453	51, 256			2, 901, 873		only Residential building	188, 688	4,100	. 3	2, 2	770, 285	49, 2
Bridge and culvert Grading	15, 641	3, 802 430	.3		139, 381	82, 5 100, 0	only Street paving	504, 453 1, 332, 346			.1 3.8	2, 901, 873 4, 177, 921	45.1
Otreat noving	1, 332, 346 40, 891	627, 915 9, 293	62.2	47.1	4, 177, 921 131, 280	91. 6 96. 6					1	\$ 33, 007, 310	1.1.1
Sewer, gas, water, conduit. Waterworks Dredging, river, harbor,	95, 218	1, 547	.8 .1	1.6	259, 897	100, 0	Subcontractors Heating and plumbing Plumbing Masonry Stonework Marble and tiling	5, 788, 881 3, 673, 399	487	7 (8)	(3) (3)	\$ 10, 465, 901	96.8
	54, 691 232, 780	60 113, 197	l `ó.∡	$.1 \\ 48.6$	385, 680 1, 023, 581 66, 651	98. 2 97. 0	Masonry Stonework	373, 940 666, 525	1 478	(3) 45, 3	,1	907, 236	99.7 71.0
Railroad Foundation Subway (other than	21, 296	6, 600	. 5		66, 651	94. <b>O</b>	Marble and tiling	1, 430, 151		50. 0		3, 573, 230	08.1
buildings)	551, 508	60, 710	5.0	11.0	2, 164, 527	85. 0	Cement	00 707 000	504.040	100 0		F0 (41 0 F0	
Subcontractors Carpentering and wood- flooring	4 16, 868, 081	119, 527	9,9		<sup>\$</sup> 33, 007, 310	95.8	All classes General contractors <sup>2</sup>	22, 107, 662	794, 349		·	58, 461, 959 25, 454, 649	
flooring	285, 467 66, 584	200 35, 259	(3) 2,9	.1 53.0	854, 574 281, 012	96.4 99.3	Building Building not special-	2, 894, 187	282, 483				42.2
Concreting Heating and plumbing Plumbing	4 5, 788, 881 3, 673, 399	557 557	(3) (3)	(ð) (3)	<sup>3</sup> 10, 465, 901	. 96. 8	ized <sup>2</sup> Commercial building	2, 201, 046	199, 781	25. 2	9.1	13, 406, 967	41, 5
Masonry Painting and decorating Plastering and lathing Roofing and sheet-metal	373, 940 276, 552	46, 655 10	3. 0 ( <sup>3</sup> )	12, 5 ( <sup>3</sup> )	907, 236 1, 275, 383	99. 7 96. 0	only Residential building	188, 688	19, 467	2.5	10.3	770, 285	1
Plastering and lathing Roofing and sheet-metal	129, 750	16,000	( <sup>3</sup> ) 1. 3	12.3			only Bridge and culvert	504, 453 15, 641	4,631	.6	29.6	2, 901, 873 139, 381	45.1
	4 1, 005, 223 222, 221	560 60		(3)	<sup>6</sup> 2, 790, 199 576, 462	97.4 98.0	only Bridge and culvert Street paving Sewer, gas, water, con-	1, 332, 346	301, 890			4, 177, 921	91.6
Roofing and sheet metal combined Marble and tiling Excavating	301, 342	500	(3)	. 2			duit Waterworks Dredging, river, harber, etc Railroad	40, 891 95, 218	1, 338 1, 514	.2	3.3	131, 286 259, 897	96.6
Marble and tiling Excavating	1, 430, 151 20, 138	5, 648 14, 638	.5	. 4 72. 7	655, 408 3, 573, 230 119, 750	98.1 100.0	Dredging, river, harbor, etc	54, 691	75	(3)	. 1	385, 680	98.2
Brick (face, common,							I POURISLION	232, 780 21, 296	6, 273 10, 000	1.3	2.7 47.0	1, 023, 581 66, 651	97. 0 94. 0
fire, paving, etc.)	22, 107, 662	1, 023, 657	100. 0	4.6	58, 461, 959	74, 2	Subway (other than buildings)	551, 508	80, 823	10. 2	14.7	2, 164, 527	85. 0
General contractors 2	4 5, 239, 581	783, 158	76. 5	14.9	\$ 25, 454, 649	54.3	Subcontractors	4 16, 868, 081	105, 322	13. 3	. 6	<sup>5</sup> 33, 007, <b>31</b> 0	95, 8
Building not special-	2, 894, 187	777, 565	76.0	26, 9	17, 079, 125	42.2	Carpentering and wood- flooring Concreting	285, 467	100	(3)	(8)	854, 574	96.4
ized <sup>2</sup> Commercial building	2, 201, 046	560, 905		25.5	13, 406, 967	41.5	Heating and plumping	66, 584 4 5, 788, 881	20, 118 1, 140	2.5	30, 2 ( <sup>3</sup> )	854, 574 281, 012 \$ 10, 465, 901	99, 3 96, 8
only Residential building	188, 688	25, 100		13.3	770, 285	49.2	Heating and piping Plumbing	2, 049, 750 3, 673, 399	$125 \\ 1,015 \\ 101$	<b>7.1</b>	(3) (3) 13, 1 (3)	3, 058, 334 6, 655, 512 907, 236 1, 275, 383	97.5
only Bridge and culvert	504, 153 15, 641	191, 560 525	. 1	38. 0 3. 4	2, 901, 873 139, 381	45.1 82.5	Masonry Painting and decorating	373, 940 276, 552	49, 161 20 21, 250 11, 033	6.2 ( <sup>3</sup> ) 2.7	$\begin{pmatrix} 13, 1\\ (3)\\ 16 \end{pmatrix}$	1,275,383	99.7 96.0 94.0
Street paving Sewer, gas, water, con-	1, 332, 346	1,432		.1	4, 177, 921	91.6 96.6	Plastering and lathing Marble and tiling	$\begin{array}{r} 129,750 \\ 1,430,151 \\ 20,138 \end{array}$	21, 250 11, 033 2, 500	1.4	. 8	3, 573, 230 119, 750	98.1 100.0
duit Waterworks	40, 891 95, 218	1, 338 682	. 1 . 1	3.3 .7	$\begin{array}{c} 131, 286\\ 259, 897 \end{array}$		Excavating Structural steel *	20, 100	2,000		14, 1	110,100	100,0
Subway (other than buildings)	551, 508	1, 616	, 2	. 3	2, 164, 527	85. 0	All classes	\$ 22, 107, 662	1, 630, 373	100. 0		• 58, 461, 959	
Subcontractors Heating and plumbing	4 16, 868, 081 4 5 788 881	240, 499 975	23.5.1	1.4 ( <sup>3</sup> )	<sup>6</sup> 33, 007, 310 <sup>6</sup> 10, 465, 901 6, 655, 512 907, 236 3, 573, 230	95. 8 96. 8	General contractors Building	4 5, 106, 264 2, 760, 870	380, 377 83, 681	23. 3 5. 1	7.4 3.0	<sup>3</sup> 25, 039, 915 16, 664, 391	62.1 50.3
Plumbingl	3, 673, 399 373, 940	975 239, 474	. 1 23, 4	(3) 64.0	6, 655, 512 907, 236	96. 7 99, 7	Building not special-	2,007,729	74, 521		3.6	12, 992, 233	1.1
Masonry Marble and tiling	1, 430, 151	50	(3)	(3)	3, 573, 230	98.1	ized Commercial building only	188, 688	120		.1	770, 285	
Tile, facing, terra cotta, floor and wall							only Residential building only	504, 453	9,040	. 6	1, 8	2,901,873	45, 1
All classes	22, 107, 662	762, 032		3.4	58, 461, 959 5 25, 454, 649	74.2	Street paving	1, 332, 346	9, 624	. 6	.7	4, 177, 921	1
General contractors <sup>2</sup> Building Building not special-	2, 894, 187	182, 225 132, 157	17.4 17.3	4,6	17, 079, 125	42, 2	etc Railroad Subway (other than buildings)	54, 691 232, 780	600 40,000	( <sup>3</sup> ) 2.5	1, 1 17, 2	385, 680 1, 023, 581	98.2 97.0
ized <sup>2</sup> Commercial building	2, 201, 046	120, 972	15.9	5. 5	13, 406, 967	41, 5	Subway (other than buildings)	551, 508	246, 472	15, 1	44, 7	2, 164, 527	85.0
only Residential building	188, 688	1, 000	. 1	. 5	770, 285	49. 2	Subcontractors	16, 868, 081	1, 249, 996	76. 7		<sup>5</sup> 33, 007, 310	95.8
Subway (other than buildings)	504, 453	10, 185	1. 3	2. 0	2, 901, 873	45.1	Steel erection Ornamental iron	4 16, 868, 081 990, 333 1, 445, 249 435, 606	945, 164 179, 666 125, 166	58.0 11.0		1,590,001 2,426,629	97.1
buildings)	. 551, 508	68	(3)	(3)	2, 164, 527	85. 0	Metal work, n. e. s	435, 606	125, 166	7.7	28, 7	667, 035	89.7
Subcontractors Heating and plumbing	16, 868, 081 5, 788, 881	629, 807 2, 926	82.6 .4	3.7	<sup>8</sup> 33, 007, 310 <sup>5</sup> 10, 465, 901 6, 655, 512	95, 8 96, 8	Ornamental metal work*	00 107 000	1.104.000	100.0		59 181 050	74.2
Plumbing Roofing and sheet-metal	3, 673, 399	2, 926 2, 926	. 4	î		96. 7	All classes General contractors <sup>2</sup>	22, 107, 662	1, 184, 008	1.0	5.4	58, 461, 959 25, 454, 649	54.3
work	4 1, 095, 223 222, 221	6, 389	. 8 . 6	. 6 2. 0	4 2, 790, 199 576, 462	97, 4 98, 0	Building Building not special-	12,894,187	12, 284	1.0	. 4	\$ 17,079,125	42, 2
Roofing	222 2211	4. 5890											
Roofing Roofing and sheet metal combined Marble and tiling	222, 221 301, 342	4, 389 2, 000	. 3		655, 408 3, 573, 230		ized <sup>2</sup> Residential building	2, 201, 046	12, 214 70		. 6 (3)	13, 406, 967 2, 901, 873	2

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

Internation         Internation <thinternation< th=""> <thinternation< th=""></thinternation<></thinternation<>			COST OF D	ESIGN		ay na ay an	of V			COST OF D		TED		t of
Land Dec.         Average and a strate of the strate o		0			t of	Volumet	cent		Cost of all	JIAT		nt of	Value of	r cen done
Continued         Continued         Continued         Design of the control		materials distributed				Value of construc- tion busi- ness	Indicated per all business o own force <sup>1</sup>	CLASSIFICATION OF ESTAB-	materials distributed	Amount			construc- tion busi- ness	Indicated per all business own force <sup>1</sup>
Organization under Balter auf de la constructions (1, 1, 1, 1, 2, 2) (1, 1, 1, 1, 2) (2, 1, 2, 1, 1, 1, 1, 2) (2, 1, 2, 1, 1, 1, 1, 2) (2, 1, 2, 1, 1, 1, 1, 2) (2, 1, 1, 1, 1, 1, 1, 2) (2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	BROOKLYN BOROUGH-	<u> </u>						BROOKLYN BOROUGH- Continued						
Balesterietter.         Province	Ornamental metal							Heating and ventilating equipment †					Dollars	
Editaria and Time:         1, 428, 111         2, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114         3, 428, 114 <td>Subcontractors</td> <td>4 16, 868, 081</td> <td>1, 171, 724</td> <td></td> <td></td> <td>5 33, 007, 310</td> <td>95.8</td> <td>All classes</td> <td></td> <td>Dollars 2, 830, 071</td> <td>100. 0</td> <td>12.8</td> <td></td> <td>74.2</td>	Subcontractors	4 16, 868, 081	1, 171, 724			5 33, 007, 310	95.8	All classes		Dollars 2, 830, 071	100. 0	12.8		74.2
$ \begin{array}{  c   c   c   c   c   c   c   c   c   $	Marble and thing	1, 430, 151	2, 343	. 2	, 2	3, 573, 230	.98,1	Building	4 5, 239, 581 4 2, 894, 187	72, 023 72, 023	2. 5 2. ö	1.4 2.5	<sup>≥</sup> 25, 454, 649 <sup>≥</sup> 17, 079, 125	54. 3 42. 2
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Lumber, rough and finished							. ized <sup>2</sup>		•	1			
Standard         Skewitz         <								Subcontractors	4 16, 868, 081	2, 758, 048	97.5	16.4	\$ 33, 007, 310	95.8
Test 2	Building		452, 758					Heating and piping	2,049,750	1.881.733	66.5	91.8	3, 658, 334	97.5
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	ized <sup>2</sup> Commercial building							Plumbing and heating combined	65, 732	21, 179	.7	32. 2	152, 055	94,8
$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	only Residential building							Masonry Roofing and sheet-metal	373, 940	26	(3)		·	
	Bridge and culvert	15, 641	1,377	.2	8.8	139, 381	82.5	WORK		230, 473	8.1		1, 558, 329	96.3
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Sewer, gas, water, con- duit	40, 891	1,662 1,127	.2 .1	$4, 1 \\ 1, 2$	131, 280 259, 897	96.6 100.0	Plumbing and gas fit- ting equipment †						-
Shiway (other than building)         51, 66         125, 88         14. 6         22. 8         14. 6         22. 8         14. 6         22. 8         14. 6         22. 8         14. 6         22. 8         14. 6         22. 8         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5         14. 6         12. 5	Dredging, river, harbor,					385, 680								
$ \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c}$	Subway (other than	1			1 · ·			Building		30, 578	1.0	1.1	\$ 17, 079, 125	5 42.2
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			-					li izod 2	2, 201, 046	-	1			1
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Carpentering and wood- flooring	285, 467		26.2		854, 57		Waterworks	95, 218	13, 190	3 .4		259, 89	100.0
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Heating and plumbing	4 5, 788, 881	537	1.1	(3)	<sup>5</sup> 10, 465, 90 6, 655, 51	1 96.8 2 96.7	Subcontractors	16, 868, 081 593, 071	1 301	11 731	.1	1, 429, 95	5 99.6
Points, varnishes, glass       11, 288       11, 708       1.4       95.0       38, 97.0       100.0       7       65, 401, 950       74.2       77.77       100.0       1.7       65, 401, 950       74.2       74.77       100.0       1.7       65, 401, 950       74.2       74.77       100.0       1.7       65, 401, 950       74.2       74.77       100.0       1.7       65, 401, 950       74.2       74.77	Masonry Painting and decorating_	373, 940		(3) (3)	.1	1, 275, 38	3  96, Q	Heating and piping	. 2,049,700	96, 14	5 3.1	4.7	3, 658, 33	4 97.5
All diasses.       22, 107, 602       211, 727       100.0       1.7       63, 401, 609       74.2       2       107, 602       617, 416       100.0       2.8       68, 401, 607       74.2         Building: $23, 894, 103$ $23, 894, 103$ $24, 45, 449$ $43, 8$ $34, 609, 607$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $45, 8$ $35, 254, 545, 449$ $41, 53, 200, 22, 2$ $55, 17, 073, 125, 422, 22$ $55, 17, 073, 125, 422, 22$ $55, 17, 073, 125, 422, 423, 520$ $35, 450, 601, 600, 500, 706, 70, 50, 8$ $35, 450, 601, 600, 706, 70, 50, 8$ $35, 450, 601, 600, 706, 70, 50, 80, 801, 600, 706, 70, 50, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 706, 70, 80, 801, 600, 801, 800, 801, 800, 801, 800, 801, 800, 801, 800, 801, 800, 801, 800, 801, $	Marble and tiling	1,430,10	230 8 11,768	1.4	95.0	3, 373, 23		Plumbing and heating						
General contractors *		22, 107, 665	2 371, 727	100. (	1.7	58, 461, 95	9 74.2		1. 11.					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	General contractors 2	4 5, 239, 58	23, 893	6.4		5 5 25, 454, 64 17, 079, 12		All classes						
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Building not special-			1				General contractors <sup>2</sup> Building	- 4 5, 239, 581 - 4 2, 894, 187	13, 62 13, 62		2 .1	5 5 25, 454, 64 5 5 17, 079, 12	9 54.3 5 42.2
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	only	190,00	8 2, 351		1, 2	2 770, 28	5 49.2	ized <sup>2</sup>	2, 201, 046	5, 56	2.			
$ \begin{array}{c} Subcontractors$	only	504, 45	3 7,200 0 200			4 2, 901, 87 1 1, 023, 58	3 45, 1 1 97, 0	only	- 504,450			1.1	1 C C	1
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Subcontractors		1 347, 834	93. (	<b>3 2.</b> 3	1 \$ 33, 007, 31	0 05.8	Electrical	- 10, 808, 08 - 593, 071 - 4 5, 788, 881	589,06	5 95.	4 99. 4	8 1, 429, 95 8 5 10, 465, 90	6 9 <b>9.</b> 6
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	flooring	_ 285, 46	1 370	. וכ	1	1  1, 429, 95	6 99.6	Plumbing and heating	- 3, 678, 89	13,00	0 2.	1 .	4 6, 655, 51	.2 06.7
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Plumbing	4 5, 788, 88 3, 673, 89	1 1,600 9 1,600	. ו	4 (3)	10, 465, 90 6, 655, 51 1, 975, 99	1 96.8 2 96.7			2 1,73		3 2.1	0 182,00	0 04.0
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Glass and glazing	49, 35	7 49,35	7 13.3 9 ( <sup>3</sup> )	B 100.	1, 590, 00	100.0 1 91.9							
Roofing and sheet metalAll classes22, 107, 662901, 410100.0 $4.1$ $58, 461, 959$ $74.2$ Building $42, 760, 870$ $2, 095$ $.1$ $.1$ $15, 16, 664, 301$ $50.3$ General contractors 2 $45, 230, 581$ $42, 870$ $4.8$ $8$ $8$ $525, 454, 409$ $54.3$ $Building$ not special- $2, 006, 7720$ $2, 000$ $.1$ $.1$ $12, 992, 233$ $51.1$ Building $12, 892, 1873$ $45.1$ $1.4$ $417, 070, 125$ $42.2$ $Building not special-2, 000, (3)2, 901, 87345.1Building504, 45322, 7802, 595.452, 901, 87345.1Residential building504, 45322, 7802, 54.52, 901, 87345.1001y232, 7802, 54.52, 901, 87345.1001y232, 7802, 54.52, 901, 87345.1001y232, 7803, 036.31.31, 023, 58107.0Subcontractors416, 808, 081858, 54095.25.1533, 007, 31095.8Carpentering and plumbing22, 497, 762, 000.1.5856, 57490.4Heating and plumbing2, 649, 7605, 000.623, 658, 32497.5Heating and plumbing2, 649, 7605, 000.623, 658, 32497.5Roofing and sheet-metal1, 065, 223849, 65$	Ornamental iron	1, 445, 24	9 1, 29	4	3	1 2, 426, 65	29 97.1		4 5, 106, 26	4 2, 20	14	1 (8)	\$ 25, 039, 9	15 62. 1
General contractors 2       16, 230, 581       42, 870       4, 8       525, 464, 649       54, 3         Building       12, 001, 729       3, 000, 73       2, 001, 729       3, 000, 73       2, 001, 729       2, 001, 729       2, 001, 729       2,		1	2 901, 41	0 100,	0 4.	1 58, 461, 98	59 74.2	Building Building not special	4 2, 760, 87		1	1		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	General contractors 2							Residential building						
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Building not special- ized <sup>2</sup>	2, 201, 04	6 17, 05	4 1.	9.	8 13, 406, 9	67 41.8	Street paving						
Subcontractors	only	_ 504, 45	3 22,78 0 3,03	0 2. 6 .		5 2, 901, 8 3 1, 023, 5	73 45.1 81 97.0	Elevator construction	* 16, 808, 08   3, 208, 98   373, 94	$\begin{bmatrix} 3, 181, 0\\ 6 & 3, 180, 2\\ 0 & 80 \end{bmatrix}$	76 99.	9 99.	1 4, 388, 4 2 907, 2	96 99.1 36 99.1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Carpentering and wood-				-			and tube steel etc			·			
Roofing and sheet-metal work       1,095,223       849,653       94.3       77.0       2,790,190       07.4       Building not special- ized       2,760,870       5,850       1.7       2       10,005,023       840,653       94.3       77.0       2,790,190       07.4       Building not special- ized       2,067,729       3,000       9       .1       12,992,233       51.         Roofing sheet-metal work       571,660       341,187       37.9       59.7       1,558,329       96.3       Residential building only	flooring Heating and plumbing	285, 40	1 8,68	7 1.	0.	2 5 10, 465, 9	01 96.8	All classes						
work 1,095,223 849,653 94.3 77.6 2,190,199 97.4 [intering hot Speech 2,067,729] 3,000 .9 .1 12,092,233 51.1 Roofing 222,221 212,624 23.6 95.7 576,462 98.0 Residential building 504,453 2,850 .0 .6 2,901,873 45. Sheet-metal work 571,660 341,187 37.9 59.7 1,558,329 96.3 Residential building 504,453 2,850 .0 .6 2,901,873 45. Roofing_ and sheet 500 .0 .6 .6 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	Plumbing Roofing and sheet-meta	3, 673, 39	19 3, 68	7	1		12 96.7	General contractors	4 2, 760, 87		54 33. 50 1.			
<b>Roofing and sheet</b> $15, 600, 10, 10, 10, 10, 10, 10, 10, 10, 10, $	work Roofing	1, 095, 22 222, 22	212, 62	4 23.	6 95.	7 576, 4	62 98.0	Building not special ized Residential building	2, 067, 72			1.1.1		i
	Sheet-metal work Roofing and sheet metal combined		Acres					only	504,48		50 08	9 8 18.	6 2, 901, 8 0 139, 3	

See footnotes at end of table.

.

# TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF I MAT	ERIAL			cent of done by			COST OF E MAT	ERIAL			cent of done by
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LINHMENTS	Cost of all materials distributed by kind	Amount	Total cost a	Cost of all a distributed p materials	Value of construc- tion busi- ness	Indicated per ( all business d own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all matorials distributed by kind	Amount	Total cost	Cost of all p distributed materials	Value of construc- tion busi- ness	Indicated per d all business d own force <sup>1</sup>
BROOKLYN BOROUGH							MANHATTAN BOR- OUGH-Continued						
Pipe: Cast-iron, sheet and tube steel, etc.— Continued							Brick (face, common, fire, paving, etc.)—Con.						
General contractors—Con. Street paving Sewer, gas, water, conduit Waterworks Dredging, river, harbor,	Dollars 1, 332, 346 40, 801 95, 218		5.0 22,4	41, 2 79, 0	131, 286 259, 897		General contractors—Con. Building—Continued. Manufacturing build- ing only. Residential building only	Dollars 98, 984 1, 639, 365 808, 802	181, 417	2.8		Dollars 404, 952 14, 507, 713 1, 948, 673	3 35.
etc Subway (other than buildings)	54, 691 551, 508				1	85.0	Street paving	- 40, 812	272	(a) 2 (3)	( <sup>3</sup> ), 7	0 169 660	2 78. 2 78.
Subcontractors Electrical Heating and plumbing Heating and piping Plumbing and heating combined	4 16, 868, 081 593, 071 5, 788, 881 2, 049, 750 3, 673, 399	1,877 179,944 66,597	1 53.7 7 19.9	3, 3, 1 7 3, 1 9 3, 2	3, 058, 334 6, 655, 512	99. 8 96. 8 97. 5 96. 7	duit. Waterworks Railroad	1, 362, 407 1, 998, 968 1, 028, 990 11, 278, 553	12,817 74:	2 (3)	,1	4, 191, 290 4, 344, 233	0 95. 3 90.
combined Ornamental iron MANHATTAN BOROUGH	65, 732 1, 445, 249	3, 500 40, 600	) 1. ( ) 12. 1			94.8 97.1	Subcontractors Concreting	4 80, 931, 021 5, 763, 539	9,400 11,223		$\frac{1}{3}$		8 94. 3 93.
Sand, gravel, stone, slag, cinders, etc. All classes	124, 924, 078	7, 647, 778	100.0	6.1	509, 717, 249	64.2	Heating and piping Plumbing Painting and deconting Plastering and lathing Roofing and sheet-metal	8, 711, 393 15, 355, 380 3, 343, 678 2, 188, 673 2, 720, 512	1, 765 2, 269, 064 561	) (3) 35. 1 (3)	(3)	8, 809, 394 10, 652, 033	1 97. 5 96.
General contractors <sup>2</sup> Building Building not special- ized <sup>2</sup>	4 43, 993, 057 20, 696, 774 18, 004, 522		26.4	0.7		36.3	Roofing and sheet-metal work Roofing Stonework Marble and tiling	$\begin{array}{c} 4 \ 1,856,570 \\ 1,345,446 \\ 1,026,439 \\ 4,402,534 \end{array}$	303	(3)	(3) (3) 4.8	55,615,355 3,006,367 1,621,877 10,604,823	796. 798.
Commercial building only Manufacturing build-	953, 903 98, 984	<b>03,</b> 895	8	6.7	8, 090, 426	48.3	Tile, facing, terra cotta, floor, and wall						
ing only Residential building only Highway Bridge and culvert Grading Street paving	$\begin{array}{c}1,630,305\\808,892\\2,260,815\\40,812\\2,316,596\end{array}$	67, 030 85, 938 327, 354 12, 899	.9 1,1 4,3	4, 1 10, 6 14, 5 31, 6	14, 507, 713 1, 948, 673 9, 163, 559 151, 622	35.8 92.7 78.4 78.3	All classes General contractors <sup>2</sup> Building Building not special- ized <sup>2</sup>	+ 43, 993, 057 + 20, 096, 774	848, 778 840, 952	22. 2 21. 9	1, 9 4, 1	<sup>5</sup> 315,377, 405 • 239,485, 388	5 50. 3 36.
Dam and reservoir	1, 362, 407 18, 500 1, 998, 968	224, 072 6, 000	2.0	16, 4 32, 4	5, 268, 934 50, 000	94, 0 98, 0 95, 7	ized <sup>2</sup> Oommercial building only Residential building only Dredging, river, harbor,	953, 903 1, 639, 365	62, 136			8, 090, 426 14, 507, 713	
Dredging, river, harbor, etc Rallroad Subway (other than buildings)	1, 909, 170 1, 028, 990 11, 278, 553	274, 980	3.6	26.7	4, 344, 233		Subway (other than buildings)	1, 909, 170 11, 278, 553	7, 000 826	(3)	(3)	6, 049, 320 34, 189, 232	2 92.
buildings) Radio tower, etc Subcontractors Carpentering and wood	58, 345 4 80, 931, 021	9, 510 2, 516, 597	1 32.0	16.3 3.1	260, 857 \$ 194,339, 844	75, 1 94, 3	Subcontractors Carpentering and wood flooring Heating and plumbing Plumbing	4 80, 931, 021 944, 776 4 26, 207, 003 15, 365, 386	2,650		.2 ( <sup>3</sup> )	<ul> <li><sup>5</sup> 194,339, 844</li> <li>3, 364, 415</li> <li>54, 648, 183</li> <li>29, 573, 801</li> </ul>	5 89. 9 93.
flooring Concreting Elevator construction Heating and plumbing Heating and piping	9, 378, 460 4 26, 207, 003 8, 711, 393	1, 814, 767 150 2, 322 793	23.7 ( <sup>8</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> )	1.9 31.5 ( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> ) ( <sup>3</sup> )	3, 364, 415 15, 497, 658 15, 179, 649 54, 648, 183 20, 205, 447 29, 573, 801	94.8 96.5 93.7 87.4		375, 113 3, 343, 678 4 1, 856, 570	100 62, 443 - 15, 510	(3) 1. (	(3) 1.9	766, 034 8, 899, 395	99. 96.
Plumbing Plumbing and heating combined Masonry Painting and decorating	15, 355, 386 375, 113 3, 343, 678 2, 188, 673	1, 429 100 136, 761 2, 807	(3) 1.8 (3)	( <sup>3</sup> ) 4.1	766, 034 8, 899, 395 10, 652, 033	97.4 99.6 96.7 96.9	Roofing Marble and tiling Cut stone, granite and marble	1, 345, 446 4, 402, 534	15, 510	.4	1.2	<sup>5</sup> 5, 615, 355 3, 906, 307 10, 604, 823	96. 99.
Plastering and lathing Roofing and sheet-metal work Roofing Sheet-metal work	2, 720, 512 1, 858, 570 1, 345, 440 260, 644	313, 292 9, 936 9, 398 50	.1	. 5 . 7	14, 477, 334 5, 615, 355 3, 906, 367 903, 677	92, 2 95, 6 96, 8 92, 7	All classes General contractors <sup>2</sup>	124, 924, 078 4 48, 993, 057	2, 789, 374	100. 0 39. 9	2.2	\$ 315,377,405	50.
Roofing and sheet-metal combined Steel erection	250, 644 250, 480 9, 016, 750 1, 026, 439	488 10 1,654	(3) (3)	( <sup>3</sup> ) , 2 ( <sup>3</sup> ) , 2		92. 9 99. 5 98. 3	Building Building not special- ized <sup>2</sup> Commercial building	4 20, 696, 774 18, 004, 522	391, 505 345, 011		1.9 1.9	<sup>5</sup> 230,485, 388 216, 482, 297	3 36. 7 35.
Stonework Marble and tiling Excavating Foundation	4, 402, 534 195, 696 493, 030	84, 036 48, 766 84, 316	0	2 <del>4</del> , 9	$\begin{array}{c} 805,311\\ 13,132,692\\ 1,621,877\\ 10,604,823\\ 4,798,367\\ 1,907,172 \end{array}$	99. 6 85. 4 81. 1	only Residential building only Highway Bridge and culvert	953, 903 1, 639, 365 808, 892 2, 260, 815	8, 097 38, 397 417 250, 000	.3 1.4 ( <sup>3</sup> ) 9.0	.8 2.3 .1 11.1	8, 090, 426 14, 507, 713 1, 948, 673 9, 163, 559	35. 92.
Brick (face, common, fire, paving, etc.) All classes	124, 924, 078	6, 463, 599	100. 0	<u> </u>	509, 717, 249	64. 2	Street paving Sewer, gas, water, con- duit	2, 316, 596 1, 362, 407 1, 998, 968	427, 190 7, 440 2, 481	.3	.5	8, 416, 405	84. 94.
General contractors <sup>2</sup> Building Building not special- ized <sup>2</sup> Commercial building	43, 993, 057 20, 696, 774 18, 004, 522	3, 954, 741 3, 805, 954 3, 561, 287			<sup>5</sup> 315,377, 405 239, 485, 388 216, 482, 297	50. 9 30. 3 35. 7	Vater Water Works Dredging, river, harbor, etc	1, 998, 968 1, 909, 170 1, 028, 990 8, 000			1.3	4, 191, 290 6, 049, 320 4, 344, 233 167, 112	91.
Commercial building only See footnotes at end o	953, 903	49, 146	. 8		8, 090, 426	48.3	Subway (other than buildings)	11, 278, 553	2, 590			34, 189, 232	

.

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

<u></u>		COST OF D MAT	ESIGN ERIAL	ATED		nt of ae by			COST OF I MAT	DESIGN ERIAL	ATED		cent of done by
KIND OF MATERIAL AND	Cost of all	* .	Per ce	nt of—	Value of	er cent s done l	KIND OF MATERIAL AND	Cost of all materials			nt of—	Value of construc-	ss do
CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all business c own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>
MANHATTAN BOR-							MANHATTAN BOR- OUGH-Continued						
OUGH—Continued Cut stone, granite and							Structural steel-Con.						
marble—Oontinued	Dollars 4 80, 931, 021	Dollars 1, 675, 541	60, 1	2.1	Dollars \$ 194,339,844	94. 3	Subcontractors-Con. Masonry	Dollars 3, 343, 678	Dollars 18,064	0,1		Dollars 8, 899, 395	5 96.7
Subcontractors Carpentering and wood flooring	944 776	6,154	.2	.7			Steel erection Marble and tiling Ornamental iron	9, 016, 750 4, 402, 534 1, 049, 038	8, 967, 758 2, 000 157, 645	59.7 (3) 1.1	(8)	10, 604, 823	3 99,6
Concreting Masonry Stonework Marble and tiling	5, 763, 539 3, 343, 678 1, 026, 439	18,000 10,596 967,986	4 34.7	94.3	3, 364, 415 15, 497, 658 8, 899, 395 1, 621, 877 10, 604, 823	96.7 98.3	Dredging, river, harbor, etc	1, 043, 088	60, 210			441, 154	
Marble and tiling Cement	4, 402, 534	672, 805	24.1	15.3	10, 604, 823	99. 6	Reinforcing steel		0 190 471	100.0	1.8	9 509,717 <b>, 2</b> 49	64.2
All classes	124, 924, 078	7, 701, 561	100.0	6.2	509, 717, 249	64.2	All classes General contractors	<sup>8</sup> 124,024, 078 <sup>4</sup> 43, 500, 039	1, 287, 070	58.8	3.0	\$ 299,934, 598 \$ 224,042, 576	52.9
General contractors <sup>2</sup>		5, 171, 582 2, 613, 533	67.1 33.9	11.8 12.	<sup>5</sup> 315,377,405 239,485,388	50, 9 36, 3	Building Building not special- ized	4 20, 203, 756 17, 511, 504	906, 312 884, 564			201, 039, 485	
Building not special- ized <sup>2</sup>	18, 004, 522						Commercial building only Residential building	953, 903	6, 479	.3	.7	8, 090, 426	5 <b>48, 3</b> .
Commercial building only Manufacturing build-	953, 903	68, 525		1	8, 090, 426		Only	1, 639, 365 808, 892 2, 260, 815	15, 269 25, 098	1, 1	3.1	1,948,673	3 92,7
ing only Residential building	98, 984 1, 639, 365	11, 748 124, 870		_	404, 952 14, 507, 713		Bridge and culvert	2, 260, 815 40, 812	129, 092 2, 278	5.9 .1	5.7 5.6		78.4 78.3
only High way Bridge and culvert Grading	808, 892	232, 055 441, 897	3.0 5.7	28.7 19.5	1, 948, 673 9, 163, 559	92.7 78.4	Sewer, gas, water, con- duit Dam and reservoir	1, 362, 407 18, 500	12, 543 1, 000 1, 277	( <sup>3</sup> )	5.4	5, 268, 934 50, 000	98.0
Grading Street paving Sewer, gas, water, con-	40, 812 2, 316, 596		( <sup>3</sup> ) 4.3	6.3 14.2		84.9	Waterworks Dredging, river, harbor, ete	1, 998, 968 1, 909, 170				4, 191, 290 6, 049, 320	91.0
duit. Dam and reservoir	1, 362, 407 18, 500	156, 898 7, 500	2.0 .1	40.5		98.0	Railroad Subway (other than	1, 028, 990	42, 819	2.0	• 4.2	4, 344, 233	3 90.4
Waterworks Dredging, river, harbor,	1, 998, 968 1, 909, 170	127, 906	1.7	6.7	6, 049, 320	91.0	buildings) Subcontractors	11, 278, 553 4 80, 931, 021	136, 070 902, 601			\$ 194,330, 844	
etc Railroad Foundation	1, 028, 990	267, 247	3.5	26. 0 37. 5	4, 344, 233 167, 112	90.4 35.3	Carpentering and wood flooring Concreting	944. 776	46,060	2.1			5 80.8 94.8
Foundation Subway (other than buildings)	1	1.1		1 · · ·	34, 189, 232		Painting and decorating.	2, 188, 673	77	(3)	(ª).4	8, 899, 395 10, 652, 033	5 98.7
Subcontractors Carpentering and wood	+ 80, 931, 021 944, 776		32.9		5 194 339, 844 3, 364, 415	89.8	Plastering and lathing Steel erection Marble and tiling	2, 720, 512 9, 016, 750 4, 402, 534	9, 328 14, 434 4, 520	.7	.3	13, 132, 692 10, 604, 823	צו טערא
flooring Concreting Electrical Heating and plumbing	5, 763, 539 10, 790, 005	2,027,504	26.3	35. 2 ( <sup>3</sup> )	15, 497, 668 28, 143, 954	94.8 99.7 03.7	Ornamental iron	1,049,038	4, 234 1, 697		2.2	4, 798, 367 2, 290, 152	7 85, 4 2 92, 7 2 81, 1
Heating and piping	4 26, 207, 003 8, 711, 393 15, 355, 386	200	(3)	(3) (3) - (3)	20, 205, 447 29, 573, 801	87.4 97.4	Foundation Cast iron, miscellane-	493, 030	16, 471	. 8	0.0	1,007,112	0
Plumbing Plumbing and heating combined	375 113	200	(8)	1	766, 034 8, 899, 395	99.6 96.7	ous, excluding pipe All classes	124, 924, 078	3, 036, 570	100.0	2.4	509, 717, 249	64. 2
Masonry Painting and decorating Plastering and lathing	2,720,512	1, 320 82, 330	(8)	.1 3.0	10, 652, 033	96. 9 92. 2	General contractors <sup>2</sup> Building		2, 893, 059 70, 887	95. 3 2, 3	6. 0 . 3	<sup>5</sup> 315,377, 405 239, 485, 388	5 50.9 8 36.3
Roofing and sheet-metal work Roofing	4 1, 850, 570	1, 566			3, 906, 357	96.8	Building not special- ized <sup>2</sup> Commercial building	18, 004, 522	32, 386	1.1	.2	216, 482, 297	7 35.7
Stonework. Marble and tiling	1, 026, <b>439</b> 4, 402, 534	92,086	1.2	S 4.1	1,621,877 10,604,823	98.3 99.6	only Manufacturing build-	953, 903					
Excavating Foundation	195, 696 493, 030	15, 477 80, 968	1.1	16.4		81.1	ing only Residential building only	98, 984 1, 639, 365		1 1	1.2 1.2	14, 507, 718	
Structural steel *	124, 924, 078	15 013 641	100.0	12.0	509, 717, 249	64.2	Highway Bridge and culvert	808, 892	1,102 16,223	2 (3)	1 1	1, 948, 673 9, 163, 559 151, 625	9 78.4
All classes	4 43, 993, 057	5, 798, 599		3 13.2	5 815,377, 405 5 239,485, 388	50.9	Grading Sewer, gas, water, con- duit	1, 362, 407	36, 788	3 1.5	2 2.7	5, 268, 934	4 94.0
Building Building not special- ized <sup>2</sup>	4 20, 696, 774 18, 004, 522						Waterworks Dredging, river, harbor,	1, 998, 968 1, 909, 170	. 500		( <sup>8</sup> ) 5 .8	4, 191, 290 6, 049, 320	0 91.0
Commercial building only Residential building	953, 903	9, 948		1.0	8, 090, 420	48, 3	etc Railroad Central station, light and	1, 028, 990	5, 850		2.6	4, 344, 23	3 90.4
Residential building only Bridge and culvert	1, 639, 305 2, 260, 815	117,974	8	5.2	9, 163, 559	78.4	power plant Subway (other than buildings)	206, 235 11, 278, 553					
Street paving Sewer, gas, water, con-	2, 316, 596	400	(3)	( <sup>3</sup> ) 2, 4	8, 416, 405 5, 268, 934		Subcontractors	4 80, 931, 021				• 194,339, 84	
duit Waterworks Dredging, river, harbor,	1, 362, 407 1, 998, 968	30, 916		1	4, 191, 290	95.7	Carpentering and wood flooring Elevator construction	944, 776 9, 378, 460	1 3.029	8		15, 179, 64	9 96.5
etc Railroad			.2	2 1.4 3 11.1	6, 049, 320 4, 344, 233	90,4	Heating and plumbing Plumbing	4 26, 207, 002	1, 25 1, 25	7 (3) 7 (3)	(3)	<sup>8</sup> 54, 648, 18 29, 573, 80	3 93.7 1 97.4
Subway (other than buildings) Radio tower, etc	11, 278, 553 58, 345	3, 389, 696 12, 374	22.6	30, J 21, 2	34, 189, 232 260, 857	92.5 75.1	Masonry Painting and decorating Roofing and sheet-metal	3, 343, 678 2, 188, 673	2,97			10, 052, 08	3 96, 9
Subcontractors Concreting	+ 80, 931, 021	1 2.000	61. 4 ( <sup>3</sup> )	(3)	\$ 194,339,844 15, 497,658	94.8	Roofing and sheet met-	4 1, 856, 570 250, 480	1		(3) (3)	<sup>4</sup> 5, 615, 35 805, 31	1 92.9
Elevator construction Heating and plumbing Heating and piping Plumbing	9, 378, 460	6, 698 667 227	(3) (3)	(3) (3) (3)	15, 179, 649 54, 648, 183 20, 205, 447 29, 573, 801	96.5 93.7	al combined Ornamental iron Dredging, river, harbor, etc	1, 049, 038	34, 500	<b>i</b> .:	1 3.3	2, 290, 15	2 92.7

# TABLE 10.-COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS-Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D	ESIGN/ ERIAL	TED		by			COST OF D	ESIGN/ ERIAL	TED		t of by
	Cost of all		Per ce	nt of—	Value of	r cent done l	KIND OF MATERIAL AND	Cost of all		Per cer	nt of—	Value of	r cent s done l
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind		ŝt	all fed	construc- tion busi- ness	stiness orce 1	CLASSIFICATION OF ESTAB- LISUMENTS	materials distributed by kind	Amount	cost	all ted	construc- tion busi- ness	sines orce 1
	by kinu	Amount	Total cost	Cost of all distributed materials	11022	Indicated per all business d own force <sup>1</sup>		by kind	Amount	Total co	Cost of all distributed materials		Indicated per all business d own force <sup>1</sup>
			10	ର <u>୍</u> ଷ୍ଣ ଶ୍		<u> </u>			·····	T	03"		且 
MANHATTAN BOR- OUGH-Continued							MANHATTAN BOR- OUGH-Continued						
Lumber, rough and Anished							Paints, varnishes, glass- Continued						
All classes	Dollars 124, 924, 078	Dollars 6, 871, 824	100.0	5. 5	Dollars 509, 717, 249	64. 2	Subcontractors—Continued Pointing and decorating	Dollars 2, 188, 673	Dollars 2, 146, 377	69, 8	98.1	Dollars 10, 652, 033	96.9
General contractors <sup>2</sup> Building	4 43, 993, 057 20, 696, 774	5, 602, 486 2, 841, 535	81.5 41.4	12.7 13.7	<sup>3</sup> 315,377, 405 239, 485, 388	50. 9 36. 3	Painting and decorating. Glass and glazing. Plastering and lathing.	065, 976 2, 720, 512	660, 976	21.5 .1	99.2 .1	1, 398, 845 14, 477, 334	99.7
Building not special- ized <sup>2</sup>	18, 004, 522	2, 202, 535	32.1	12. 2	216, 482, 297	35.7	Roofing and sheet-metal work	4 1, 856, 570 260, 644	5, 197 100	, 2 (³)	. 3 (³)	5, 615, 355 903, 677	95.6 92,7
Commercial building only Manufacturing build-	953, 903	-					Roofing and sheet- metal combined	250, 480	5,097	.2		805, 311 13, 132, 692	92.9 99.5
ing only Residential building	98, 984			1.0 15.5			Steel erection Stone work Marble and tiling Ornamental iron	9, 016, 750 1, 026, 439 4, 402, 534	8,101	.8	.8	1,621,877 10,604,823	98.3 99.6
only Highway Bridge and culvert	1, 639, 865 808, 892 2, 260, 815	4,862	.1	. 6	1, 948, 673	92.7 78.4	Dredging, river, harbor,		6, 185	, 2		2, 290, 150	92.7
Grading Sewer, gas, water, con-	40, 812	- 695	(8)	1.7	151, 622	78.3	etc Flooring, n. e. s	143, 730 532, 722		, 1 , 8	3.0 2.8		97.7 100.0
duit Dam and reservoir Waterworks	1, 362, 407 18, 500 1, 998, 968	145, 226 3, 500 34, 158	.1	18.9	5, 268, 934 50, 000 4, 191, 200	98.0	Roofing and sheet metal			100.0		500 717 04	
Dredging, river, harbor, etc	1, 909, 170	628, 456	9.1	32.9		1	All classes General contractors <sup>2</sup>	124, 924, 078	108, 466	4.8	.2	509, 717, 249 3 315, 377, 408	5 50, 9
Railroad Subway (other than buildings)	1, 028, 990 11, 278, 553				34, 189, 232	92, 5	Building not special- ized <sup>2</sup>	* 20, 698, 774 18, 004, 522	1.1.1			<sup>5</sup> 239,485, 388 210, 482, 297	i
Radio tower, etc	58, 345		.1	6.0	260, 857	75.1	Commercial building	953, 903	1. A.		.1	8, 000, 426	1.10
Subcontractors Carpentering and wood	4 80, 931, 021		1		\$ 194,339, 844 3, 364, 415		only Residential building only Waterworks	1, 039, 365	21, 487			14, 507, 713 4, 191, 290	35.8 95.7
flooring Concreting Electrical	944, 776 5, 763, 539 10, 790, 065	617, 651 503, 660 300	9,0 7.3 (3)	8.7	15, 497, 658	94.8	Dredging, river, harbor,	1, 998, 968 1, 909, 170			(3)	6, 049, 320	
Elevator construction Heating and plumbing Heating and piping	1 9. 878, 40U	988 2, 550		(3) (8) (3) (3)	15, 179, 649	96.5	etc Subway (other than buildings) Radio tower, etc	11, 278, 553	1, 851	( <sup>8</sup> ) <sup>1</sup>	( <sup>3</sup> )	34, 189, 232 260, 857	92.5 75.1
Plumbing Plumbing and heating	8, 711, 393 15, 355, 387	2, 354 102	(8)	(3)	54, 648, 183 20, 205, 447 29, 573, 801			58, 345 4 80, 931, 021		-	1	4 194,339, 844	101
combined Masonry Painting and decorat-	375, 113	100 14, 197	( <sup>8</sup> )	( <sup>3</sup> )	766, 034 8, 899, 395		Subcontractors Carpentering and wood flooring	944, 776	6,000	. 3	(3).6	3, 364, 418	89.8 99.7
Painting and decorat- ing Plastering and lathing	2, 188, 673 2, 720, 512	7, 031 4, 559	.1	.3	10, 652, 033 14, 477, 334	96. 9 92, 2	Electrical Heating and plumbing Heating and piping	10, 790, 065 4 26, 207, 003 8, 711, 393 15, 355, 386	1,000 727,896 682,000	32.3		28, 143, 954 54, 648, 183 20, 205, 447	
Roofing and sheet-metal work	1. 856, 570	21, 868		1.2	\$ 5, 615, 355	95. 6	Plumbing and heating		1	1.8			
Roofing Roofing and sheet met- al combined	950 480		(8)	1.6	and the second sec		Combined Painting and decorating Roofing and sheet-metal	375, 113 2, 188, 673	4, 818 010	(8)	(3)	10, 652, 03	96, 9
Steel erection	9, 016, 750	100 959		<sup>(3)</sup> .1	13, 132, 692 1, 621, 877	98.3	Roofing Sheet-metal work	1, 856, 570 1, 345, 446	978, 740	43. 2	72.4		7] 96, 8
Steel erection Stonework Marble and tiling Excavating Ornamental iron	4, 402, 534 195, 696 1, 049, 038	69,011	L.Ç	( <sup>8</sup> ) 35.3	10, 604, 823 4, 798, 367 2, 290, 152	99, 6 85, 4 92, 7	Sheet-metal work Roofing and sheet- metal combined	260, 644				805, 31	1
etc	143, 730	1, 544	(3)	1.1	441, 154	97. 7	Dredging, river, harbor, etc.	143, 730				441, 154	97,7
Foundation	493,030	22, 177	.9	4.5	1, 907, 172	81, 1	Heating and ventilating						
Paints, varnishes, glass All classes	124, 924, 078	3, 074, 802	100.0	2, 5	509, 717, 249	64.2	equipment* All classes	124, 924, 078	10, 922, 383	100, 0	8.7	509, 717, 249	64,2
General contractors 2	43, 993, 057	169, 566	5. l 4, l	. 4	5 315,377, 405 5 239,485, 388	50. 9 36, 3	General contractors <sup>2</sup>	43,993,057 20,696,774	168, 392	1, 5		5 315,377,408 5 239,485,388	50,9 36,3
Building Building not special- ized <sup>2</sup>				· · ·	1		Building not special- ized <sup>2</sup>	18, 004, 522	· · .	1.2	.7	216, 482, 297	35,7
ized <sup>2</sup> Commercial building only Residential building	953, 90			1- ·	8, 090, 426	48. 3	Commercial building only Residential building	953, 902	10,000	.1	1, 0		
Bridge and culvert	1, 639, 360 2, 260, 810	12,764	(8)	( <sup>3</sup> )	1 0 163 559	35. 8 78, 4	only Waterworks	1, 639, 365 1, 998, 968	18, 086 8, 216	.2	1,1		35,8 95,7
Grading	40, 819	2 31	(8)	.1	151,622	a 78.3	Central station, light and power plant	206, 235	5, 388	(3)	2.6		1
Dredging, river, harbor,	1, 909, 170	4, 570 3, 521			2 6, 049, 320 4, 344, 233	) 91.0 90,4	Subcontractors	4 80, 931, 021 10, 790, 005	147,045	1.3	13.3 1.4	3 194,839, 84 28, 143, 95 15, 179, 64	4 94.3 4 99,7 9 96,5
Railroad Subway (other than buildings)	11, 278, 55	5, 973		2 .1	34, 189, 232	92.5	Elevator construction	9, 378, 460 4 26, 207, 003 8, 711, 393	50,000 10,534,818 7,772,036	96.5	40.2	5 54 648 18	31 93.7
Radio tower, etc	- 00, 04			1.8	260, 857 194, 399, 844		Heating and piping Pipe covering Plumbing	637, 597 15, 355, 380	626, 847	5.7	98.3	1, 815, 02	4 09,9 1 97,4
Subcontractors Carpentering and wood flooring	4 80, 931, 02 944, 77	16, 624		5 1.8	3, 364, 416	5 89.8	Plumbing and heating combined	375, 113		1.1	22.8	766, 03	
Concreting	. 5, 763, 53 10, 790, 06	11,962 250	(3)	1 (3) · 2	2 15, 497, 658 28, 143, 954 15, 170, 640	8 94.8 99.7 96.5	Roofing and sheet-metal	177, 401					
Elevator construction Heating and plumbing Heating and piping	4 26, 207, 00	3 1,928 3 500	(8)		a 54, 648, 183 20, 205, 447 29, 573, 801	93.7 87.4	Sheet-metal work	4 1, 856, 570 260, 644 9, 016, 750	22,030	. 1		903, 67	7 92.7
Heating and piping Plumbing	.   15, 355, 386	1,428		(*)	29, 573, 801	97.4	Steel erection	9, 016, 750	η 92	4 (7	,	1 101 102,00	

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D MAT	ESIGN. ERIAL	ATED		cent of done by			COST OF D MAT	ESIGN. ERIAL	ATED		cent of done by
KIND OF MATERIAL AND	Cost of all		Per ce	nt of—	Value of construc-	er ce ss doi	KIND OF MATERIAL AND	Cost of all materials		Per ce		Value of construc-	a do
CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>
MANHATTAN BOR- OUGH-Continued	-			079 H		<u>д</u>	MANHATTAN BOR-						
				· · .			OUGH-Continued						
Plumbing and gas fit- ting equipment*	Dollars	Dollars			Dollars		Elevators, dumb-wait- ers, and equipment	Dollars	Dollars			Dollars	
All classes	124, 924, 078	14, 559, 484		·	509, 717, 249 \$ 315,377, 405	64.2 50.9	All classes	124, 924, 078	9, 311, 351				
General contractors <sup>2</sup> Building Building not special-	4 43, 993, 057 4 20, 696, 774	135, 950 96, 450	- 9 .7	.5	<sup>5</sup> 239,485, 388		General contractors <sup>2</sup> Building	4 43, 993, 057 4 20, 696, 774	15, 142 15, 142	. 2 . 2	()	<sup>5</sup> 815,377, 405 <sup>5</sup> 239,485, 388	50, 9 36, 3
ized <sup>2</sup> Commercial building	18, 004, 522	52, 855	4	.3	216, 482, 297	· 35, 7	Building not special- ized <sup>2</sup> Commercial building	18, 004, 522	12, 577	,1	.1	216, 482, 297	35.7
only Residential building	953, 903	12, 270	.1	1.3			only Residential building	953, 903	2, 500	(8)	.3	8, 090, 426	48, 3
only Grading	1, 639, 365 40, 812	31, 325 542	( <sup>3</sup> ).2	1.9		35.8 78.3	only	1, 639, 365	- 65	(8)	(3)	14, 507, 713	35.8
duit	1, 362, 407	8, 101	(3) (3)	. 2	5, 268, 934		Subcontractors Carpentering and wood	4 80, 931, 021	9, 296, 209			* 194,339, 844	
Waterworks Dredging, river, harbor,	1, 998, 968 1, 909, 170			, 1 (3)	4, 191, 290 6, 049, 320	1	flooring Electrical	944, 776 10, 790, 065	350 14, 750	ĺ, 2	(3)	3, 364, 415 28, 143, 954	89, 8 99, 7
etc. Central station, light and power plant.	206, 235	1 C		9.1		1	Elevator construction	9, 378, 460	9, 281, 109	99.7	- 99, 0	15, 179, 649	96, 5
Subway (other than buildings)	11, 278, 553						Pipe: Cast-iron, sheet and tube steel, etc.		n an Cast	t d			
	4 80, 931, 021				s 194,339, 844	1	All classes	\$ 124,924,078	2, 732, 306	100.0	2.2	\$ 509,717,249	64.2
Subcontractors	944, 770 5, 763, 539 4 26, 207, 003	4, 350 30, 868 14, 379, 081	( <sup>8</sup> ) 98.8	.5		94.8	General contractors Building Buildingnot specialized Commercial building	4 43, 500, 039 4 20, 203, 756 17, 511, 504	1, 785, 019 15, 912 642	65, 3 6 ( <sup>3</sup> )	4.1 ,1 ( <sup>3</sup> )	<sup>\$</sup> 299,934,593 <sup>\$</sup> 224,042,576 201, 039, 485	38. İ
Heating and piping Plumbing Plumbing and heating	<b>8, 711, 393</b> <b>15, 355, 38</b> 0	85, 774 13, 085, 915	89.9	1, 0 85, 2	20, 205, 447 29, 573, 801	87.4 97.4	Commercial building only Bridge and culvert Grading	953, 903 2, 260, 815 40, 812	15, 270 38, 163 187		1.6 1.7	9, 163, 559	78.4
Automatic sprinkler	. 375, 113	1 '					Street paving Sewer, gas, water, conduit.	2.316.596	7, 486 104, 342	.3		8, 416, 405 5, 268, 934	84.9 94.0
system Roofing and sheet-metal	950, 113		1	100.0	1, 686, 969 5 5, 615, 355		Dredging, river, harbor,	1, 362, 407 1, 998, 968	1, 130, 287	41.4	56.5	4, 191, 290	95.7
work Sheet-metal work Marble and tiling	4 1, 856, 570 260, 644 4, 402, 534	4, 210	(3)	1.6		92.7	etc Railroad	1, 909, 170 1, 028, 990	28, 276 2, 830	1,0	1.5		91.0 90.4
Electrical appliances	1, 102, 001	0,010			10,001,010		Central station, light and power plant Subway (other than	208, 235	80,000	2,9	38.8	1, 690, 780	77.7
and supplies*		i i consta					buildings)	11, 278, 553	877, 536	13,8	3, 3	34, 180, 232	92, 5
All classes General contractors <sup>2</sup>	124, 924, 078	10,662,253			509, 717, 240 3 315, 377, 405		Subcontractors Concreting Electrical	4 80, 931, 021 5, 763, 539	947, 287 4, 952	2,	.1	15, 497, 658	94.8
Building not special-	1 20, 696, 774	163, 880		5	\$ 239, 485, 388	36.3	Elevator construction.	9, 878, 460	247, 515 2, 000	9,1	(3)	28, 143, 954 15, 179, 640	96.5
Commercial building-	18,004,522			1			Heating and plumbing Heating and piping	4 26, 207, 003 8, 711, 393 15, 355, 386	464, 390 125, 378 326, 066	17.0 4,6 11,9	1.4	20, 205, 447	8 93.7 87.4 97.4
only Residential building only Bridge and culvert	1.	4, 996	(3)		14, 507, 713	35.8	Plumbing Plumbing and heating combined	375, 113	12,946		· ·		99. 6
Bridge and culvort Grading Waterworks Bailroad	2, 260, 815 40, 812 1, 998, 968	275	6 (ð)		4, 191, 290	2 78.3 ) 95.7	Masonry Excavating Waterworks	3, 343, 678 195, 696 20, 047	1, 757 44, 361 20, 047	1.6	22.7	4, 798, 367	5 96.7 7 85.4 1 100.0
Central station, light and		9, 575	i 1		4, 344, 233	90.4	Dredging, river, harbor, etc	143, 780			(3)	441, 159	97.7
power plant. Subway (other than	206, 235 11, 278, 553					1.1.1.1.1	Foundation	493, 030	162, 247	5,8	32,9	1, 907, 172	81.1
buildings)					4 194,339, 844		Sand, gravel, stone, slag,		1. A.			1 - M + 1	1
Subcontractors Carpentering and wood			(3)		1		cinders, etc.			et a		1	
flooring Concreting Electrical	5, 763, 539 10, 790, 065	8, 393 10, 255, 155	96.1	1 2 95.0	15, 497, 658	8 94.8 99.7	All classes	<sup>8</sup> 18, 663, 426				47, 289, 63	
Electrical Elevator construction Heating and plumbing	.] + 26, 207, 003	5,000 5,860			10, 179, 049	96.5	Building	4,967,239	996, 526	7.2	20.1 8.0	17,484,91 4,760,60	1 78.4 7 59.9
Heating and piping Plumbing Plumbing and heating	8, 711, 393 15, 355, 386	5,010 350		(3)	20, 205, 44	7 87.4 1 97.4	Building not specialized. Commercial building	064, 825					
		500 300	(1)	(3)		1 99, 6 3 96, 9	only Manufacturing build- ing only	201, 488 21, 102		· ·			1 1
Painting and decorating. Roofing and sheet-metal work		2,000	1		\$ 5, 615, 35	5 95.6	ing only Residential building only	249, 668		1.1	3,4	-	
work Sheet-metal work Steel erection	260, 644 9, 016, 750	2,000 2,000 284	(3)	(3)	903, 67 13, 132, 69	7 92.7	Highway Street paving	473, 932 570, 099	211, 294 296, 477	23, 8	52.0	1,750,020	9 99, 6 86, 1
Excavating Ornamental iron	1,049,038	1,094 300	(3)	(3)	4, 798, 36 2, 290, 15	7 85.4 2 92.7	Refuse disposal plant	778, 555 87, 411	45,000 772	3,6	5 <b>5</b> ,8	1, 925, 83 301, 57	8 92.1 0 69.1
Dredging, river, harbor, etc	1 Section and	12, 904	1	9.0	441, 154	97.7	Subway (other than buildings)	1, 894, 052	352, 556	27, 9	18,6	1	

See footnotes at end of table.

. . .

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

The second grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars and grave, it is no. stage cristers, size-Outility, Deliars, Deliars, Stage cristers, size-Outility, Stage cristers, size-Outility, Stage cristers, size-Outility, Contractors, and the stage cristers, size-Outility, Contractors, and the stage cristers, size-Outility, Contractors, and the stage cristers, size-Outility, Contractors, and the stage cristers, size-Outility, Contractors, Stage cristers, size, Stage cristers, size-Outility, Stage cristers, size-Outility, Contractors, and the stage cristers, size c					FERIAL		cent of done by
Sand, gravel, stone, stag, cinteers, etc.—Conili.         Dollars 207, 687         Dollars 207, 687         Dollars 207, 687         Contention 20, 200         Contention 20, 200         Dollars 20, 200 <thd< td=""><td>als ited</td><td>materials distributed</td><td>materials distributed</td><td></td><td>Total cost Cost of all</td><td>of— Value constr tion b ness ness</td><td>uc- usi-</td></thd<>	als ited	materials distributed	materials distributed		Total cost Cost of all	of— Value constr tion b ness ness	uc- usi-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	3, 524         2, 050, 824           3, 313         1, 206           4, 713         1, 206           5, 220         125, 70           3, 954         1, 913, 32	4 13, 643, 524 4 483, 313 204, 713 250, 229 2, 418, 954	4 13, 643, 524 4 483, 313 264, 713 250, 220 2, 418, 954	4 2,050,825 3 1,208 3 1,208 9 125,706 4 1,913,321	$     \begin{array}{c}       3 & .1 \\       3 & .1 \\       5 & 6.0 \\       4 \\       91.7 \\     \end{array} $	48, 5 1, 30 79, 1 5, 04	6, 722 93, 5 6, 266 94, 1 1, 837 95, 1
An assess         4, 607, 220         246, 316         60, 7         5, 0         17, 484, 011         78, 4         1000000000000000000000000000000000000	3, 426 905, 33	18, 663, 420	18, 663, 42	6 905, 336	6 100, 0	4, 0 47, 28	9, 033 83. 4
Dirikting- Building- Ornmercial building Ornmercial bui	0, 002 654, 42	4 5, 019, 902	4 5, 019, 90	2 654, 427	7 72.3	13.0 \$ 17,77	2,911 68.
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $							8,607 44. 9,089 36.
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	1, 488 10, 48	201, 488	201, 48	8 10, 489	9 1, 2	5.2 86	60, 965 68,
only					1 1		9, 699 85.
Subcontractors. $413, 43, 524$ $122, 931$ $33.3$ $6^{12} 29, 510, 722$ $93.2$ $93.2$ $510 \text{contractors}$ $1, 804, 652$ Trie, facing, terra cotta, floor, and toult $122, 931$ $33.3$ $60.6^{12} 29, 510, 722$ $93.2$ $350, 055$ $100.6^{12} 29, 510, 722$ $93.2$ All classes. $413, 063, 422$ $400, 270$ $100.0$ $2.2^{14} 47, 280, 033$ $83.4$ $13, 643, 524$ All classes. $413, 063, 420$ $400, 270$ $100.0$ $2.2^{14} 47, 280, 033$ $83.4$ Building of specialized Commercial building $0117, estiming$ build. $11, 137, 083$ $33, 522$ $8.8, 7, 7, 17, 494, 011$ $78.4$ Commercial building $0117, estiming$ build. $21, 102$ $29, 505$ $7, 14.0$ $106, 096$ $68.3$ Building of specialized Commercial building $0117, estiming$ build. $214, 002, 823, 2725$ $100.0^{2}$ $2.4^{2} 700, 071$ $80.8^{2}$ Subcontractors. $413, 043, 524$ $372, 745$ $01.7$ $2, 7^{14} 29, 510, 722$ $93.2$ Subcontractors. $413, 043, 524$ $372, 745$ $01.7$ $2, 7^{14} 29, 510, 722$ $93.2$ Subcontractors. $413, 043, 524$ $302, 755$ $100.0^{2}$ $2.1^{14} 47, 289, 033$ $83.4$ Concarde and childer $0107,, 215, 000^{2}$ $90.00^{2}$ $2.1^{14} 47, 289, 033$ $83.4$ Concarde and childer $0107,, 215, 000^{2}$ $90.00^{2}$ $2.1^{14} 47, 289, 033$ $83.4$ Concarde and childer $0107,, 215, 000^{2}$ $90.00^{2}$ $2.1^{14} 47, 026, 00.9$	3, 932 112, 18 ), 099 142, 68 3, 555 91, 00	473, 932 570, 009 778, 555	473, 933 570, 099 778, 550	2 112, 187 9 142, 684 5 91, 000	7 12,4 4 15,8 0 10,1	23. 7 1, 20 25. 0 1, 75 11. 7 1, 92 1. 5 30	98,854         59.           90,949         99.           90,026         86.           95,838         92.           91,570         69.
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				1		12,0 7,46 1.8 \$ 29,51	1944 (1947) - 1
International contractors       44,007,230       33,625       8.3       7       17,484,011       78.4         Building       1,137,083       33,625       8.2       2.0       4,700,007       60.8       Structural steel       118,065,420       1,         Manufacturing building       001y       201,485       185 (03)       1       860,066       68.3       Genoral contractors       4,007,230       4,137,083         Manufacturing building       21,102       2,059       .7       14.0       160,609       88.3       Genoral contractors       4,007,230       4,137,083         Rosidential building       21,102       2,059       .7       14.0       160,609       88.3       Genoral contractors       4,007,230       41,137,083       9,006       2,2       7,95,616,722       0,8       1,127,083       2,00,668       64,825       2,00,069       9,006       2,2       1,0,61,722       0,09       1,014,101,102       2,00,068       8,05       1,0,0,07       60,9       8,13       8,7,411       37,413       8,7,411       87,411       87,411       87,411       87,411       87,411       87,413       83,625       2,0,07,41       67,62       9,5       80,603       83,42       83,426       9,40,52       83,54	3, 442 199, 74 3, 164 29, 84 9, 000 3, 00 5, 882 3, 77	$\begin{array}{r} 453, 442 \\ 178, 164 \\ 149, 000 \\ 156, 882 \end{array}$	453, 442 178, 164 149, 000 156, 882	2 199, 746 4 29, 849 0 3, 000 2 3, 775	3     3       3     3       3     3       5     4	44.1 1,14 16.8 35 2.0 37 2.4 67	8, 383 100. 0, 055 100. 7, 637 100. 0, 671 89. 3, 877 94.
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	, 954 14, 37	2,418,954	2, 418, 954	0 106 4 14, 373		.1 1,30 .6 5,04	7,710 97.
Only       200, 383       180       (*)       1       200, 000       6.5       0       0       1       100, 000       8.5.3       Building       41, 137, 083       064, 825         Redicatial building       240, 068       0, 983       1.7       2.8       798, 854       50.2       Residential building       064, 825         Subcontractors       413, 043, 524       372, 745       91.7       2.7       3 20, 570       00.9       9.0       1       801, 670       00.9       1       801, 670       00.9       10.1       80, 670       00.9       10.1       10.0	i, 426 1, 412, 34	<sup>8</sup> 18, 663, 426	<sup>8</sup> 18, 663, 426	6 1, 412, 345		7.6 9 47, 28	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	, 239 559, 55 , 083 20, 75	4 4, 967, 239 4 1, 137, 083	4,967,230 41,137,083	559, 559 20, 754	9 39.6 4 1.5	11. 3 \$ 17, 48 1. 8 \$ 4, 76	4,911 78. 0,607 59.
Refuse disposal plant       87, 411       73       (*)       .1       301, 570       60, 9       only       only       240, 668         Subcontractors       4       13, 643, 524       372, 745       91; 7       2, 7 $^{1}_{2}$ 0, 510, 722       93, 2 $^{1}_{1}$ 0, 608, 9       Refuse disposal plant       473, 932         Plastering and lathing       4483, 313       9, 066       2, 2       1, 6 $^{1}_{1}$ 1, 246, 266       94, 5       Subcontractors       413, 643, 524         Subcontractors       2, 418, 554       363, 539       80, 5       15, 0 $^{5}_{1}$ 0, 244, 29       95, 4       Subcontractors       413, 643, 524         Marble and tiling       2, 418, 954       363, 539       80, 5       16, 0 $^{5}_{2}$ 477, 10       97, 3       Subcontractors       413, 643, 524         Marble and tiling       2, 418, 954       3692, 755       100, 0       2, 1 $^{6}_{17}$ 7, 710       97, 3       Subcontractors       413, 643, 524       326, 643       44, 967, 230       206, 412       66, 3       11, 1       4, 967, 230       206, 412       66, 3       66, 8       301, 710       78, 4       301       302, 765       100, 0       12, 447, 259, 633       8	, 825 20, 19	664, 825	664, 825	5 20, 195			1,089 56
Building and lathing	, 932 20, 00	473, 932	473, 932	2 20,000	) 1.4	4.2 1,20	8,854 59. 0,949 99. 1,570 69.
work	·	· ·			1	· · ·	2, 921 91.
Concrete and cinder block       * 18, 663, 426       302, 755       100.0       2.1       * 47, 289, 633       83.4       Metal doors, windows, and trim       Metal doors, windows, and trim         All classes       * 18, 663, 426       302, 755       100.0       2.1       * 47, 289, 633       83.4       All classes       * 18, 663, 426         General contractors       * 4, 007, 230       200, 412       66.3       5.2       5 17, 484, 911       78.4       General contractors       * 4, 007, 230         Building       0.04, 825       7, 109       1.8       1.1       * 4, 700, 607       50.9       Building not special- lzed       * 4, 007, 230         Commercial building only       201, 488       1, 374       .8       .7       860, 965       68.3       Building not special- lzed       664, 825         Commercial building only       249, 668       3, 687       .9       1.5       798, 854       59.2       Subcontractors       * 13, 643, 524         Street paving       473, 932       40, 000       10.2       8.4       1, 200, 940       90.1       Carpontering and wood- flooring       494, 508         Subcontractors       * 13, 643, 524       132, 343       33.7       51.1       * 1, 803, 877       94.2       General contractors       * 18, 6	, 762 729, 89	730, 762	730, 762	2 729, 899	51.7	6.3 <sup>5</sup> 29, 51 99.9 1, 40	1,291 89.
All classes       * 18, 663, 426       302, 755       100, 0       2, 1       * 47, 289, 633       83, 4       All classes       * 18, 663, 426         General contractors       * 4, 007, 230       200, 412       66, 3       5, 2       * 17, 484, 011       78, 4       General contractors       * 4, 007, 230       200, 412       66, 3       5, 2       * 17, 484, 011       78, 4       General contractors       * 4, 007, 230       * 4, 007, 230       * 1, 137, 083         Building       11, 1       * 4, 007, 230       200, 412       60, 3       5, 2       * 17, 484, 011       78, 4       General contractors       * 4, 007, 230       * 1, 137, 083         Building       004, 925       7, 109       1.8       1.1       * 2, 931, 089       56.8       Residential building       664, 825         Commercial building       201, 488       1, 374       .3       .7       860, 965       68. 3       Residential building       249, 608         Mitchway       249, 608       3, 687       .9       1.5       798, 854       59. 2       Subcontractors       4 13, 643, 524         Street paving       570, 090       182       (3)       1, 750, 026       86. 6       Motal work, n. e.s       244, 608         Subcontractors       4 3, 643	, 427 122, 88	298, 427	298, 427	7 122, 887	7 8.7	41.2 80	2, 346 95.
Genaral contractors					5 100. 0	1. 2 9 47, 28	
Commercial building only         201,488         1,374         .3         .7         860,965         68.3         Residential building only         249,668         3,687         .9         1.5         798,854         59.2         0         1.6         798,854         59.2         0         1.6         798,854         59.2         Subcontractors         413,643,524           High way         473,932         40,000         10.2         8.4         1,200,949         99.1         Carpontering and wood flooring         413,643,524           Subeway (other than buildings)         1,894,052         208,000         53.0         11.0         7,462,921         91.0         Motal work, n. e.s         94.2         66           Subcontractors         413,643,524         132,343         33.7         51.1         1,803,877         94.2         66         68.4         0rnamental metal work*         818,663,426         1,           Subcontractors         250,229         132,343         33.7         51.1         1,803,877         94.2         General contractors         \$4,967,239           Building not special         126d         14,967,246         100,0         11.2         47,259,033         83.4         100         64,825           All classes	, 239 7, 15 , 083 7, 15	4 4, 967, 239 4 1, 137, 083	4 4, 967, <b>23</b> 9 4 1, 137, 083	7, 152 7, 152 7, 152	$     2  3, 1 \\     2  3. 1 $	.1 <sup>5</sup> 17, 48 .6 <sup>5</sup> 4, 76	
Offly       201, 428       1, 574       .5       .1       0019       0019       249, 608       249, 608         Only       019       249, 608       3, 687       .5       .7       798, 854       59.2       Subcontractors       13, 643, 524         High way       473, 932       40, 009       16.2       (3)       1, 750, 026       86.6       Subcontractors       413, 643, 524         Subway       (other than buildings)       1, 894, 052       208, 000       53.0       11.0       7, 462, 921       91.0       Motal work, n. e.s       224, 614         Subcontractors       413, 643, 524       132, 343       33.7       51.1       1, 303, 877       94.2       All classos       * 18, 663, 426       1, 497, 239         Cut stone, granite and markle*       18, 663, 426       2, 087, 466       100, 0       11.2       47, 289, 633       83.4       General contractors       * 1, 137, 083         Building not special-       1260       20, 000       28, 641       12, 27, 211       68.5       0019       019       49, 608		i.		1			1,089 56. 8,854 59.
Subway       (other than buildings)       1, 894, 052       208, 000       53.0       11.0       7, 402, 921       91.0       Motal work, n. o. s.       224, 614         Subcontractors       413, 643, 524       132, 343       33.7       1.0       \$ 29, 616, 722       93.2       01.0       Ornamental metal work*       \$ 18, 663, 426       1, 804, 052       132, 343       33.7       1.0       \$ 29, 616, 722       93.2       04.2       General contractors       \$ 18, 663, 426       1, 137, 053         Cut stone, granite and marble*       18, 663, 426       2, 087, 466       100, 0       11.2       47, 259, 633       83.4       Residential building only contactors		249, 608				1. 6 5 29, 51	
Subcontractors       4 13, 643, 524       132, 343       33.7       1.0 <sup>5</sup> 29, 616, 722       93.2       All classes       \$ 18, 663, 420       1,         Stonework       250, 229       132, 343       33.7       51.1       1, 803, 877       94.2       All classes       \$ 18, 663, 420       1,         Cut stone, granite and marble*       18, 663, 426       2, 087, 466       100, 0       11.2       47, 259, 633       83.4       Building not specialized       664, 825         All classes       18, 663, 426       2, 087, 466       100, 0       11.2       47, 259, 633       83.4       Building not specialized       664, 825	·		• •		.1	, 1 1, 12 100. 0 25	9, 786 74. 9, 859 98.
Cut stone, granite and marble*         18, 663, 426         2, 087, 466         100, 0         11, 2         47, 259, 633         83, 4         General contractors         4, 103, 259         64, 825         664, 825           All classes         18, 663, 426         2, 087, 466         100, 0         11, 2         47, 259, 633         83, 4         664, 825         664, 825           Cut is in interval         14, 000, 0         11, 2         47, 259, 633         83, 4         0         664, 825						5. 6 9 47, 28 (3) 5 17, 48	
All classes18, 663, 426 2, 087, 466 100, 0 11, 2 47, 289, 033 83, 4 Residential building only 249, 668					4 .1	.1 54,70	0, 607 59. 1, 089 56.
				1			8, 854 59.
Building not special-	3, 524 1, 050, 20 3, 882 1, 12	4 13, 643, 524 156, 882	4 13, 643, 524 156, 882	4 1, 050, 204 2 1, 127	4 99.9 7 .1	10 1 1 24	0,671 89.
Residential building	, 515 48, 00 , 713 4, 59 , 600 44, 06 , 325 1, 000, 42	485, 313 264, 713 218, 600 1, 015, 325	485, 312 264, 712 218, 600 1, 015, 320	3         48,655           3         4,590           0         44,065           5         1,000,422	5 4.0 6 4.2 2 95.2	00.01 62	.6, 266 94. 11, 837 95. 14, 429 95. 16, 069 91.

879

# TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

	1	COST OF D	ESIGN	ATED		of by			COST OF I		ATED		by
	an an		ERIAL			cent		Clast at all	MAT	ERIAL Per ce	nt of	Value of	cent done
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials distributed		Perce		Value of construc- tion busi-	per Dess ( Ce 1	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials distributed				construc-	icated per l business d wn force <sup>1</sup>
LISHMENTS	by kind	Amount	cost	of a bute srials	ness	ated busin n for	LISHMENTS	by kind	Amount	d cost	ibuti ibuti terial	ness	busi busi
			Total	Cost of all distributed materials		Indicated per all business d own force <sup>1</sup>				Total	Cost of all distributed materials		Lndic all own
QUEENS BOROUGH-Con.					· · ·		QUEENS BOROUGH-Con.	· · ·				-	
Lumber, rough and						1	Plumbing and gas fit- ting equipment †						- G
finished All classes	Dollars 18, 663, 426	Dollars 758, 079	100. 0	4.1	Dollars 47, 289, 633	83.4	All classes	Dollars 18, 663, 426	Dollars 3, 070, 070	100.0	16, 4	Dollars 47, 289, 633	83, 4
General contractors 2	5,019,902	570, 311	75, 2	11.4	17, 772, 911	68.5	General contractors 2	4 5, 019, 902 4 1, 189, 746	37, 235 15, 626	1, 2		\$ 17, 772, 911 \$ 5, 048, 607	68.5 44.0
Building not special-	4 1, 189, 746 717, 488	290, 478 147, 582	1 .		<sup>\$</sup> 5, 048, 607 3, 219, 089	1.1.1	Building Building not special- ized <sup>2</sup>	- 1, 135, 740 717, 488	1,068		.1		
ized <sup>2</sup> Commercial building	201, 488	65, 649					Residential building	249, 668	14, 558	.5	5.8	798, 854	59.2
only Residential building only	249, 668	77, 247	10. 2	30. 9	798, 854	59.2	Refuse disposal plant	87, 411	908		1, 1 1, 1		60, 9 91, 0
Highway Street paying	473, 932 570, 099		2.1		1, 200, 949 1, 750, 026	99. 1 86. 6	buildings)	1, 894, 052	20, 611		22, 2		
Sewer, gas, water, con- duit	778, 555	500	.1	.1	1, 925, 838	92. 5	Subcontractors Heating and plumbing Heating and piping	4 13, 643, 524 4 4, 746, 018 1, 281, 708	3, 032, 835 3, 032, 835 2, 368	98.8	63.9 .2	<sup>6</sup> 8, 552, 565 2, 021, 557	98.8 99.4
Dredging, river, harbor, etc	. 26, 107 87, 411	7, 206 506	1. (			96.4 69.9	Plumbing and heating	3, 409, 110	3, 008, 267	98:0		6, 426 834	98.5
Subway (other than buildings)	1, 894, 052	250, 963				91. 0	combined	41, 200	22, 200	.7	53.9	88, 271	99, 9
Subcontractors	4 13, 648, 524	187, 768	24.8	1.4	<sup>\$</sup> 29, 516, 722	93, 2	and supplies * All classes	18, 663, 426	1, 554, 944	100.0	8,3	47, 289, 633	83, 4
Carpentering and wood- flooring Concreting	494, 598	140, 809 38, 958	18. ( 5. 1		1, 129, 786 1, 148, 383	100.0	General contractors 2	4 5, 019, 902	80, 186	5, 2	1.6	5 17, 772, 911	68.5
Glass and glazing Roofing and sheet-metal	149,000	4, 500		3.0	377,637	100.0	Building Building not special- ized <sup>2</sup>	4 1, 189, 746 717, 488	5, 165 1, 665		1 ·		
work Sheet-metal work	483, 313 218, 600	77	(3)	(8) (3)	\$ 1, 246, 266 624, 429	95.4	Residential building	249, 668	3, 500	.2	1.4	798, 854	59, 2
Stonework Flooring, n. e. s	. 259, 220 58, 500	924 2, 500		4.3	1, 303, 877 207, 000	94.2 100.0	Refuse disposal plant Subway (other than	87, 411	7, 635	.5			I .
Millwork All classes	18, 663, 426	388, 789	100, (	2.1	47, 289, 633	83.4	buildings)	1, 894, 052 4 13, 643, 524	67, 386 1, 474, 758			7, 462, 921 5 29, 516, 722	
General contractors *	4 5, 019, 902	65, 357	16.8	3 1.3	\$ 17, 772, 911	68.5	Subcontractors Electrical	1, 976, 296	1, 474, 758	94.8		5, 423, 207	84, 7
Building not special-	4 1, 189, 746				· · · ·		Pipe: Drain tile, vitri- fied, concrete, seg-						
commercial building	201, 488						Ment tile, corrugated All classes	<sup>8</sup> 18, 663, 426	574, 842	100.0		º 47, 289, 633	
only Residential building only	249, 668						General contractors Building	4 4, 987. 239 4 1, 137, 083	573, 842 612			5 17, 484, 911 5 4, 760, 607	1 78.4 7 59.0
Subcontractors Carpentering and wood-	1.1		· .			1	Building not special ized	664, 825	20	1	(3)	2, 931, 089	56.8
Carpentering and wood- flooring	494, 598	323, 432	83. 2	65.4	1, 129, 786	74.2	Residential building only	249, 668 473, 932	592 32, 458		.2 6.8	798, 854 1, 200, 949	
Roofing and sheet metal All classes		440, 688	100. (	2.4	47, 289, 633	83.4	Highway Street paving Sewer, gas, water, con-	570, 099	23, 869	4, 2	4.2	1, 750, 026	3 86.6
General contractors 2	4 5, 019, 902	24, 902	5. 7	5	<sup>≬</sup> 17, 772, 911	68.5	duit Subway (other than	778, 555		1	<u>.</u>		
Building not special-	4 1, 189, 746						buildings)	1, 894, 052		1	1	7, 462, 921 5 29, 516, 722	1
ized ? Residential building only	. 717, 488 . 249, 668					1.1.1	Subcontractors Heating and plumbing Plumbing	4 4, 746, 018 3, 409, 110	1,000 1,000 1,000	.2	(3) (3)	<sup>6</sup> 8, 552, 565 6, 426, 834	5 98.8
Subcontractors	The second		1.1.1				Pipe: Cast-iron, sheet and tube steel, etc.	•,,					
Heating and plumbing Heating and piping	.   1, 281, 708	1 797	1.2	$\frac{1}{2}$ .2	<sup>5</sup> 29, 516, 722 <sup>5</sup> 8, 552, 565 2, 021, 557 6, 426, 834	98.8 99.4	All classes	<sup>8</sup> 18, 663, 426	378, 925	100.0		<u>9 47, 289, 633</u>	
Plumbing Roofing and sheet-metal work	. 3, 409, 110						General contractors Street paving	4 4, 967, 239 570, 099	97, 391 2, 191	25.7 . f	2.0	5 17, 484, 911 1, 750, 026	1 78, 4 6 86, 6
Roofing	483, 313 264, 713 218, 600	406, 871 256, 616 150, 255	58, 2	96, 9	621,837	95.0	Sower, gas, water, con- duit Dredging, river, harbor,	778, 555	63, 000	r		1, 925, 838	8 92.5
Heating and ventilating equipment*		100, 100					Befuse disposal plant	26, 107 87, 411			.2	83, 000 301, 570	0 98,4 0 69,9
All cases	18, 663, 426	2, 116, 676	100.0	) 11, 3	47, 289, 633	83.4	Subway (other than buildings)	1, 894, 052			1		1 1 1 1
General contractors <sup>1</sup>	4 5, 019, 902 4 1, 189, 746	19, 678 11, 917				68.5 44.0	Subcontractors Heating and plumbing	4 13, 643, 524	281, 534	74.8	2, 1	\$ 29, 516, 722 \$ 8, 552, 56	2 93, 2 5 98, 8
Building not special-	717, 488	A				1.1.1	Heating and piping	4, 746, 018 1, 281, 708 3, 409, 110	105, 994 13, 094 92, 900 175, 540	28.0 3.0 24.0	5 1.0	2, 021, 557	7 09.4
ized 2 Residential building only Refuse disposal plant	249, 668	10.372		5 4.2	798, 854	59.2	Plumbing Highway	3,409,110 298,427	175, 540	46.3		802, 340	6 95.3
and the second second second second second second second second second second second second second second second	87, 411			1.			RICHMOND BOROUGH						
Subcontractors Electrical Heating and plumbing	1, 976, 296	501.538	23, 7 75, 0	25.4	5, 423, 207	93. 2 84. 7 98. 8	Sand, gravel, stone, slag, cinders, etc.	1 1		1			
Heating and piping Pipe covering	1, 281, 708 14, 000	1, 259, 640	59.8	5 98.3 100.0	35,903	100. 0	All classes	1, 659, 840					
Heating and plping Pipe covering Plumbing and heating combined	3, 409, 110			8.6	6, 426, 834	98, 5	General contractors Building	4 1, 400, 277 212, 575	587, 398 17, 270	3 99.9 ) 2.9	41.9 8.1		2 87.9 3 53,5
Rooning and succer-merat							Building not special- ized Residential building	119, 852	8, 410	) 1,	4 7. (	406, 94	1 53.8
workSheet-metal work	. + 483, 313	9,000	1.4	4 1,9	<sup>\$</sup> 1, 246, 266	94.5	Residential huilding				1.1.1.1	El sector de la tractione	

.

#### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

· · · · · · · · · · · · · · · · · · ·		COST OF L	ESIGN ERIAL	ATED		nt of ne by			COST OF I MAT	ESIGN ERIAL	ATED		nt of 16 by
KIND OF MATERIAL AND	Cost of all materials		Per ce		Value of construc-	er cent ss done l	KIND OF MATERIAL AND	Cost of all materials	·······	Per ce		Value of construc-	er cent s done   1
CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force 1
RICHMOND BOROUGH- Continued							RICHMOND BOROUGH- Continued						<b></b>
Sand, gravel, stone, slag, cinders, etc.—Continued	1. A.	÷.,					Millwork	Dollars	.Dollars			Dollars	
General contractors-Con.	Dollars	Dollars	00.5		Dollars	200.0	All classes	<sup>6</sup> 1, 659, 840 4 1, 400, 277	28,092	100.0	1.7	<sup>7</sup> 3, 887, 101 <sup>6</sup> 3, 383, 722	
Street paving Dam and reservoir Waterworks Refuse disposal plant	142, 791	545, 516 14, 000 8, 903 1, 700	2.4 1.5	49, 7 6, 2		62.5 98.1	Building Building not special- ized	212, 575 119, 852	27, 817	99.0	13.1	705, 353 406, 941	53.2
Subcontractors Heating and plumbing	4 259, 563	761	.1	.3	\$ 503, 379	97.2	Residential building only Refuse disposal plant	92, 723 12, 897	6, 917 275	24, 6 1, 0		298, 412 76, 048	51.7 78.9
Heating and plumbing Plumbing	4 205, 263 117, 688	761 761	.1		<sup>8</sup> 384, 379 203, 654	96, 5 97, 1	Heating and ventilating					,	
Brick (face, common, fire, paving, etc.)		1.				2	equipment All classes	1, 659, 840	76, 880	100. (	4.6	3, 887, 101	   88.1
All classes		20, 010	100, 0	· · · · · · · · · · · · · · · · · · ·			General contractors Building	4 1, 400, 277 4 212, 575	1, 100 1, 100	1.4		<sup>5</sup> 3, 383, 722 <sup>5</sup> 705, 353	2 87.9 3 53.2
General contractors	4 1, 400, 277 212, 575	20, 010 14, 777	100. 0 73. 8			87.9 53.2	Building Residential building only	92, 723			1, 2	1	
Building not special- ized Residential building	119, 852	11, 525	57.6	9, 6	406, 941	53.8	Subcontractors Heating and plumbing	4 259, 563 205, 263	75, 785 75, 785 32, 070	98, 6 98, 6	36.9	384.379	96. č
Street paving	991,855	3, 252 2, 103	16.3 10.5	. 2	298, 412 2, 110, 569	90.3	Plumbing Plumbing and heating combined	205, 263 117, 688 87, 575	32, 070 43, 715			203, 654 180, 721	4 97.1
Dam and reservoir Waterworks Refuse disposal plant	28, 187 142, 791 12, 897	248 162 2, 207	1.2 .8 13.6	.1	120, 297 316, 231 76, 048	98.1	Plumbing and gas fit- ting equipment	81,010	40,710	00.0	40.0	100, 720	, 10.1
Cut stone, granite and marble †			4				All classes	1, 659, 840	123, 707			3, 887, 101	
All classes	1, 659, 840	108, 430	100.0	6, 5	3, 887, 101	88.1	General contractors Street paving	* 1, 400, 277 991, 855	214 214		(3) (3)	<sup>5</sup> 3, 383, 72 2, 110, 0 9	87.0 0003
General contractors Building Building not special-	4 1, 400, 277 4 212, 575	100, 430 600	92.6 .6	7. 2 . 3	\$ 3, 383, 722 \$ 705, 353		Subcontractors Heating and plumbing Plumbing	<sup>4</sup> 259, 563 205, 263 117, 688	123, 493 123, 493 79, 633	99.8	60.2	<sup>6</sup> 503, 379 384, 379 203, 654	)  96,0
ized Street paving Refuse disposal plant	119, 852 991, 855	600 97, 972 1, 858	.6 90.4 1.7	. 5 9. 9 14. 4	406, 941 2, 110, 569 76, 048	99, 3	Plumbing Plumbing and heating combined	87, 575	43, 860		1	180, 725	
Subcontractors Marble and tiling		8, 000 8, 000	7.4 7.4	8, 1 55, 9	<sup>ه</sup> 503, 379 35, 000	97. 2 100. 0	Electrical appliances and supplies						
Riprap, rubble, etc.					1.1		All classes	<sup>10</sup> 1, 659, 840 4 259, 563	40,000	100.0		<sup>11</sup> 3, 887, 101	97.2
All classes		50, 506		3, 0			Electrical	40, 000	40, 000	100. 0	100, 0	84, 000	100. 0
General contractors Street paving	4 1, 400, 277 991, 855	50, 506 50, 506	100. 0 100. 0	3.6 5.1	<sup>8</sup> 3, 383, 722 2, 110, 569	87. 9 99. 3	Pipe: Drain tile, vitri- fied, concrete, seg- ment tile, corrugated						
Cement † All classes	1, 659, 840	173, 789	100. 0	10. 5	3, 887, 101	88. 1	All classes	1, 059, 840	25, 045 24, 640		1.5	3, 887, 101 3, 383, 722	
General contractors	4 1, 400, 277	173, 489	99.8	12.4	\$ 3, 383, 722	87.9	General contractors Building Building not special-	4 1, 400, 277 4 212, 575	75	. 3	(8)	\$ 705, 353	53. 2
Building Building not special- ized	212, 575 119, 852	12, 211 5, 520	7.0 3.2		705, 353 406, 941	53. 2 53. 8	ized Street paving Water works	119, 852 991, 855 142, 791	75 24, 103 462	. 3 96. 2 1, 8	2, 4 . 8	406, 941 2, 110, 569 316, 231	53, 8 00, 3 98, 1
Residential building only Street paving	92, 723 991, 855 28, 187 142, 791	6, 691 145, 434	3, 9 83, 7		208, 412 2, 110, 569 120, 297	51.7 99.3	Subcontractors Heating and plumbing	4 259, 563 4 205, 263	405 405	1, 6 1, 6	.2	<sup>\$</sup> 503, 379 <sup>\$</sup> 384, 379 203, 654	97.2 96.5
Dam and reservoir Waterworks Refuse disposal plant	28, 187 142, 791 12, 897	12, 600 1, 000 2, 244	7.3 .6 1.3	44.7 .7 17.4	120, 297 316, 231 76, 048	62, 5 98, 1 78, 9	Plumbing Pipe: Cast-iron, sheet and tube steel, etc.	117, 688	405	1, 6	.3 Ma	203, 654	97.1
ubcontractors Marble and tiling	4 259, 563 14, 300	300 300	.2 .2	.1 2.1	<sup>3</sup> 503, 379 35, 000	97. 2 100. 0	and tube steel, etc. All classes	1, 659, 840	118, 883	100, Q	7.1	3, 887, 101	88, 1
Lumber, rough and finished		n Tha an tha	- 		1 - A		General contractors Street paving Dam and reservoir	4 1, 400, 277 991, 855	116, 712 3, 527 582	98. 6 3. 0 . 5		<sup>6</sup> 3, 383, 722 2, 110, 569 120, 297 316, 231	87.9 99.3 62,5
All classes	¢ 1, 659, 840	98, 082	100, 0	5.9	7 3, 887, 101	88.1	Waterworks	991, 855 28, 187 142, 791	112, 603		78, 9		
General contractors Building Building_not_special-	1, 400, 277 212, 575	98, 082 78, 820	100. 0 80. 4	7.0 37.1	3, 383, 722 705, 353	87. 9 53. 2	Subcontractors Heating and plumbing Plumbing	4 259, 563 4 205, 263 117, 688	1, 671 1, 671 1, 671	1.4 1.4 1.4	.6 .8 1,4	<sup>≬</sup> 503, 379 <sup>§</sup> 384, 379 203, 654	97.2 96.5 97.1
ized Residential building	119, 852	46,000	46.9	38.4	406, 941 298, 412	53.8 51.7	Bituminous paving ma-					and the second sec	
only Street paving Dam and reservoir	92, 723 991, 855 28, 187	32, 820 10, 838 713	33.5 11.0 .7	35.4 1.1 2.5	2, 110, 569 120, 297	99.3 62.5	Bituminous paving ma- terials, tar, asphalt, and oil	¢ 1, 659, 840	50, 328	100. 0	3.0	7 3, 887, 101	88.1
Waterworks Dredging, river, harbor,	142, 701	1, 785	1.8	1, 3	316, 231	98.1	All classes	4 1, 400, 277 991, 855	50.328	100.0	8.6	\$ 3, 383, 722 2, 110, 569	87.9
etc Refuse disposal plant	11, 972 12, 897	4, 716 1, 210	4.8 1.2	39.4 9.4	55, 224 76. 048	100.0	Street paving Waterworks	991, 855 142, 791	9, 027	82, 1 17, 9	6.3	316, 231	98, 1

•

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D	FRIGN	10770		by	<u></u>		COST OF I	ESIGN	ATED		2 V
			ERIAL			cent o done b				ERIAL			done l
KIND OF MATERIAL AND	Cost of all materials		Per cer		Value of construc-	oer e ss do	KIND OF MATERIAL AND	Cost of all materials		Per ce		Value of construc-	per ( ess d
CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	distributed by kind	Amount	cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>
			Total (	ost o strib nater		all b own				Total	ost istril mate	-	all b all b own
			Ĕ	079 F		4							
ROCHESTER							ROCHESTER-Continued						- A.
Sand, gravel, stone, slag, cinders, etc.*					<b>T</b> .(1,		Cement *	Dollars 9, 011, 474	Dollars	100.0	12.1	Dollars 24, 979, 392	84, 4
All classes	Dollars 9, 011, 474	Dollars 897, 376	100. 0	10. 0	Dollars 24, 979, 392	84.4	All classes General contractors	6,060,891	1, 087, 219	97.3	17.4	18, 635, 177	79.3
General contractors Building	6, 060, 891 4 4, 232, 905	858, 850 292, 328	95.7 32.6	14, 2 6, 9	18, 635, 177 13, 583, 771	79.3 72.4	Building Building not special-	4 4, 232, 905 4, 029, 859	371, 423 367, 903	1.1		<ul> <li>13, 583, 771</li> <li>13, 095, 024</li> </ul>	
Building not special- ized	4, 020, 859	288, 343	32, 1		13, 095, 024		ized Residential building only	184, 346	9 500		1.9	449, 535	67.3
Residential building only	184, 346	3, 985	.4 25.7	2, 2 36, 3	449, 535 1, 630, 616	67.3 97.4	Highway Bridge and culvert	635, 501 54, 860	8,543	23.4	15,6	187, 444	100.0
Highway Bridge and culvert Street paving	635, 501 54, 860 1, 079, 408	14, 326		26.1	1, 030, 010 187, 444 3, 014, 275	· 100, U	Street paving Sewer, gas, water, conduit	1, 079, 408	$  \frac{422,041}{1,353}$	38.8		3, 014, 275 219, 071	90.7 89.5
Sewer, gas, water, conduit	58, 217	848	.1	1.5	219, 071	89.5	Subcontractors	4 2, 950, 583 805, 034	29, 773 5, 000	.5	1.0 .6	1, 475, 403	100.0
Subcontractors	4 2, 950, 583 805, 034	10,000	4.3	1.2	<sup>5</sup> 6, 344, 215 1, 475, 403 5 1, 887, 894	96.4 100.0 95.3	Electrical Heating and plumbing Plumbing Masonry Roofing and sheet-metal	805, 034 4 927, 197 442, 253 187, 926	87	(3) (3)	(3) (4)	4 1. 887. 894	95.3 92.3
Heating and plumbing Plumbing	4927, 197 442, 253 187, 926	500	.1	. 1	925, 799	92.3 90.8	Masonry Roofing and sheet-metal	187, 926		1.3 ( <sup>3</sup> )			
Masonry Roofing and sheet-metal work	4 303, 995			.1	s 759, 304	97.9	work Roofing Marble and tiling		25 25 10, 062	(8)	(3) (3) 4,7	<sup>8</sup> 759, 304 385, 174 479, 640	97.4
Roofing Marble and tiling		350	(8)	.2	385, 174	97.4	Structural steel	211, 210	10,002			110,010	
Brick (face, common,							All classes	9, 011, 474	579, 034	100. 0	6.4		84, 4
fire, paving, etc.) *	9, 011, 474	640, 666	100. 0	7.1	24, 979, 392	84.4	General contractors Building	4 6, 060, 891 4 4, 232, 905	405, 510 391, 268	70.0 67.6		<sup>5</sup> 18, 635, 177 <sup>5</sup> 13, 583, 771	79.3 72.4
General contractors	4 6, 060, 891	535, 958	83.7		<sup>5</sup> 18, 635, 177 <sup>5</sup> 13, 583, 771		Building not special- ized Residential building	4, 029, 859	390, 187	67.4	9.7	13, 095, 024	72, 6
Building Building not special-	4, 232, 905	· · ·	78.1				only	184, 346 635, 501	1, 081 7, 495	. 2 1, 3	.6 1.2	449, 535 1, 630, 616	67.3 97.4
ized Residential building only	4, 029, 859 184, 346	885	.1				Highway Bridge and culvert Street paving	635, 501 54, 860 1, 079, 408	4,500	.8	8.2	187.444	100.0
Highway Street paving Sewer, gas, water, conduit	635, 501 1, 079, 408	2,666	4.4	2.6	1, 630, 616 3, 014, 275	97.4	Subcontractors	4 2, 950, 583	173, 524	30, 0		\$ 6, 344, 215	96, 4 90, 8
	1			l .		1	Masonry Rooling and sheet-metal work	187, 926 4 303, 995			· .	489, 848 * 759, 304	
Subcontractors Electrical Masonry	4 2, 950, 583 805, 034 187, 926	4,000	. 6	.5	1, 475, 403	100, 0 90, 8	Roofing Steel erection		1,500	.3	.9	385, 174	97.4
Tile, facing, terra cotta,							Reinforcing steel	}			· .		
floor, and wall	9,011,474	209, 219	100. 0	2, 3	24, 979, 392	84.4	All classes	9,011,474					84.4
All classes				·	\$ 18, 635, 177		General contractors	4 6, 060, 891 4 4, 232, 905	256, 972 166, 657	99.3 64.4	4.2 3.9	* 18, 635, 177 * 13, 583, 771	
Building not special-	4 4, 232, 905	5 93, 124	44.5	2.2	<sup>\$</sup> 13, 583, 771	72.4	Building not special- ized Residential building	4, 029, 859	106, 522	64.4	4.1	13, 095, 024	72.6
ized. Residential building	4, 029, 859						only Highway	635, 501	27,665	10, 7	4.4	449, 535 1, 630, 616	97.4
onlySubcontractors	184, 340 4 2, 950, 583						Bridge and culvert Street paving	54, 800	5, 051 57, 590	2.0	9.2 5,3	187, 444 3, 014, 275	100.0 99.7
Masonry Marble and tiling		3 280	.1	.1	489, 848	90.8	Subcontractors		1,766	3.7	.1	8 6, 344, 210 1, 475, 403	96.4 100.0
Concrete and cinder							Masonry	187, 926	700	.3	.4	480, 848	90, 8
block All classes	9, 011, 474	132, 501	100. 0	1.5	24, 979, 395	2 84.4	Ornamental metal work All classes	9, 011, 474	151, 428	2 100 0	1.7	24, 970, 392	84.4
General contractors	4 6, 060, 891	126, 248	95.3	2, 1	\$ 18, 635, 177	79.3	General contractors	+ 6, 060, 891	118, 879	78.5	2.0	5 18, 635, 177	79.3
Building Building not special-	4, 232, 905	5 112, 580	85.0	1	§ 13, 583, 773	1	Building not special-	4 4, 232, 905 4, 029, 859		1 1			
ized Residential building only	4, 029, 859	1.1.1	· ·	1			ized Residential building only						
Highway Bridge and culvert	184, 346 635, 501 54, 860	1,525	1.2	2,8	1, 630, 610 187, 444	97, 4 100, 0	Subcontractory	4 2, 950, 583	32, 549	21. 5	1.1		96.4
Street paving	1, 079, 408	3 11,660	8,8		3, 014, 270	99,7	Steel erection	195, 504 15, 783	32, 549 17, 266 15, 283	3 11.4 3 10.1			93.2 100.0
Subcontractors Masonry	4 2, 950, 583 187, 926		4.7			5 96.4 90.8	Lumber, rough and finished		l		. <sup>1</sup> .		
Cut stone, granite and marble							All classes	9,011,474					
All classes	9, 011, 474	472, 890	100. 0	5.2	24, 979, 39	2 84.4	General contractors Building Building not special-	6, 060, 891 4, 232, 905		5 85.0 5 81.1			7 79.3 1 72.4
General contractors	4 6, 060, 891 4 4, 232, 905	387, 670 310, 470	82. 0 65. 7	6.4	\$ 18, 635, 17 \$ 13, 583, 77	7 79.3	ized	4, 029, 859		1.1.1.1			1
Building Building not special- ized	4, 029, 850	310, 479	65.7	7.7	13, 095, 024	4 72.6	only Residential building	18,700			1993	1.11	
Street paving	1, 079, 408	3 77, 191	16. 3	8 7.2	3, 014, 27	5 99.7	only Highway	635, 501	51,98 4,69 27	5 10.6 5 1.0	7	1, 630, 61	5 67.3 6 97.4 4 100.0
Subcontractors Masonry Marble and tiling	187, 926	3 14.025	3.0	7.6	489, 848	3 90.8	Street paving	1,079,40	3 12, 28		5 1.1	3, 014, 27 219, 07	5 99.7 1 89.5
Marble and tiling	. 214, 270	0 <sup>1</sup> 71, 198	10, 1	33, 2	a 470,040	01 99.2		-, 00,	· • •, •••		, 013		

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued.

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF I MAT	ESHIN ERIAL	ATED		cent of done by			COST OF D MAT	ESIGN	ATED		ne by
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials distributed		Por co		Value of construc- tion busi-	per co less do e 1	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB-	Cost of all materials disbributed		Per ce		Value of construc-	per ce ess doi e 1
LISHMENTS	by kind	Amount	Total cost	Cost of all distributed materials	ness	Indicated per all business d own force <sup>1</sup>	LISHMENTS	by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per cent of all business done b own force <sup>1</sup>
ROCHESTERContinued	Additional in an encourt demonstration	talah distanti di se	and a state of a	N PRODUCT AS	<b>1</b>	Medina (kerkana) a	ROCHESTER - Continued						
Lumber, rough and Anished—Continued	w. 14	V			*****		Roofing and sheet metal—Continued		<b>N</b> , <b>N</b> , 1			~ 4	
Subcontractors Carpentering and wood-	Dollars + 2, 950, 583						Subcontractors Heating and plumbing	Dollars + 2, 950, 583   - + 027, 197	Dollars 291, 513 20, 000	6, 6		Dollars	95.3
Electrical	169, 130 805, 034 187, 926	1, (88)	. 2		1, 475, 403	100, 0	Pipe covering Plambing Rooding and sheet-metal	48, 000 442, 253	13, 000 7, 000	4.3	27.1	1 24, 709 925, 799	100, 6
Masonry Roofing and sheet-motal work	4 308, 995	100	(2)	(3)	\$ 750, 304	97. 9	Rooting Bloct-metal work	303, 995 160, 106	271,513 134,100	44.5		759, 304 385, 174 333, 052	07.0 97.4
Roofing	160, 106	100	(*)	.1	385, 174	07, 4	Rooting and sheet netst combined	120, 880 14, 000	123, 407 14, 000			333, 052 40, 478	
All classes	9, 011, 474	589, 751	100.0	6.5	24, 970, 392	84.4	Heating and ventilating						
General contractors	4 6, 000, 891 4, 232, 905	538, 544 538, 544	94.3 91.3			79, 3 72, 4	All classes	9, 011, 474	410, 986	100. (	4.6	24, 070, 392	84, 4
Building not special- izedCommercialbuilding	4, 020, 850	497, 277	- 84, 3	1		72.6	General contractors	4 8, 060, S91 4 4, 232, 905	14, 972 14, 972	3. (	1 .4	▲ 18, 635, 177 ▲ 13, 583, 771	1 72.4
Residential building	18, 700		1.4 5.6				Hultling not specialized. Residential building	4, 029, 859 184, 340	4, 212 10, 760	1.0	,1		
only	184, 346 4 <b>2, 9</b> 50, 583	33, 267 51, 207	8,7			1	only	4 2, 950, 583	396, 013 56, 675		13.4		90.4
Subcontractors Carpentering and wood- flooring	169, 136	61, 207	8.7	30, 3	382, 392	80, 9	Flectrical Heating and plumbing Heating and plumbing	805, 034 4 927, 197 351, 010	50, 075 338, 338 215, 702	13, 8 82, 8 52, 5	36.5	1,887,894	95.3
Hardware, rough and finished							Pipe covering	48,000 442,253	35, 000 87, 636	8,6	72.9	124,700	100.0
All classes	9, 011, 474	129, 692	100,0	1.4	24, 070, 392	84, 4	Roofing and sheet-metal work. Roofing.	4 303, 995 160, 106	1, 000 1, 000	$^{+2}_{-2}$	.3	4 759, 304 385, 174	07.0 07.4
General contractors Duilding Building not special-	4 6, 060, 891 4, 232, 905	100, 615 93, 879	77. 0 72, 4		* 18, 035, 177 13, 583, 771	70.3 72.4	Plumbing and gas At-		•				
Lied Commercial building	4, 020, 880	83, 783	64. 6				ting equipment	9, 011, 474	620, 758	100, 0	6, 9	24, 979, 392	84.4
Residential building	18, 700 184, 340				30, 212 440, 535		General contractors	4 6, 000, 891 4 4, 232, 905	50, 210 50, 078	8, 1 8, 1	. 8 1. 2	♦ 18, 635, 177 ♦ 13, 583, 771	79.3 72.4
only Highway Street paving	635, 501 1, 079, 408	8, 306 4, 736 2, 000	3.7 1.5	1 .7	1,630,616 3,014,276	97.4	Building not specialized. Residential building	4, 029, 859	38, 403	6.2	1.0	13, 005, 024	•
Subcontractors Carpentoring and wood-	4 2, 050, 583	29, 077	22, 4	1.0	* 6, 344, 215	VO. 4	only. Highway	184, 340 635, 501	11, 675 141	1.9 (3)	0.3 ( <sup>3</sup> )	449, 535 1, 630, 616	
flooring Electrical	169, 136 805, 034	12, 164 500	9.4 .4		382, 392 1, 475, 403	86.0 100.0	Subcontractors Electrical ITeating and plumbing	4 2, 950, 583 805, 034 4 927, 197	570, 539 12, 250 558, 289	2.0	19, 3 1, 5 60, 2	<ul> <li>◊ 0, 344, 215</li> <li>1, 475, 403</li> <li>◊ 1, 887, 804</li> </ul>	100.0
Roofing and sheet metal work Roofing	4 303, 995 160, 106	4, 000 4, 000	3. 1 3. 1	1.3 2.5	4 759, 304 385, 174	97.4	Heating and piping Plumbing Automatic sprinkler	351,010 442,353	131, 375 340, 980	21.2	- <b>37, 4</b> 77, 1	697, 596 925, 799	97.1
Steel crection	195, 504 214, 270	12, 134 279	9, 4 , 2		313, 431 479, 640	93, 2 99, 2	Automatic sprinkler systems	85, 034	85, 934	13, 8	100, 0	139, 700	92.1
Paints, varnishes, glass		01/101	100.0		a. 020 289	64 A	Electrical appliances and supplies *						1.4
All classes	0, 011, 474 4 0, 000, 801	234, 185 155, 063	66, 2		24, 979, 392 * 18, 035, 177 * 13, 583, 771	84.4 70.3	All closses	9, 011, 474	701, 382		7.8		
Building Building not special-	4, 232, 005 4, 020, 850	153, 003 148, 835	65, 6	3.6	\$ 13, 583, 771 13, 005, 624	72.4 72.6	Cleneral contractors. Building Building not special-	4 6, 060, 891 4 4, 232, 905	17,133 17,133	2, 4 2, 4	. 3 . 4	↓ 18, 635, 177 ↓ 13, 583, 771	70.3 72.4
ized Residential building only Street paving	184, 346	4, 828	2.1	2.0	440, 535 3, 014, 275		Residential building	4, 020, 850	9, 652	1.4	.2	13, 005, 024 449, 535	72.6 67.3
	1, 079, 408 4 2, 950, 583	1, 400 70, 122	. 6 33, 8		3, 014, 275 \$ 6, 344, 215		only	184, 346 + 2, 950, 583	7, 481 084, 249	1, 1 97, 6	4, 1 23, 2	♦ 6, 344, 215	96, 4
Subcontractors	160 190	1 600	. 6	.0	382, 302	80.9	Subcontractors	805, 034	684, 240	97. 0	85, 6	1, 475, 403	100, 0
Electrical Heating and plumbing Plumbing	805, 034 1927, 197 442, 253	500 50 50	(ð) (3)		1,470,403	100.0 95.3 92.3	Pipe: Cast-iron, sheet and tube steel, etc.					DL 070 100	<b>D4 4</b>
Plumbing Painting and decorating Glass and glazing Roofing and sheet-metal	805, 034 927, 107 442, 253 01, 938 12, 000	61, 938 12, 000	26.4	100, 0 100, 0	025, 700 312, 924 45, 000	100. 0 100. 0	All classes General contractors	9, 011, 474 6, 060, 891	111, 876 84, 883	100. 0 75, 0	1, 2 		
Roofing and sneet-metal work	4 303, 995 160, 106	2, 00t. 2, 000	. 0 . 0	.7 1.2	* 759, 304 385, 174 313, 431	97. 0 97. 4	Building Building not special-	6,060,891 4,232,905	4, 098	3. 7	_	18, 635, 877 5 13, 573, 771	
Steel crection Roofing and sheet metal	195, 504	1, 134	. 5	. 6	313, 431	93. 2	ized Highway Bridge and culvert	4, 029, 859 635, 501 54, 800	4, 098 15, 221 7, 046 9, 279 49, 239	3.7 13.6 6,3	$     \begin{array}{c}       1 \\       2.4 \\       12.8 \\     \end{array} $	13, 095, 024 1, 630, 616 187, 444	1 100.0
All classes	9, 011, 474	301, 313	100.0	3. 3	24, 979, 392	84.4	Street paving Sewer, gas, water, conduit.	4, 020, 800 035, 501 54, 800 1, 079, 408 58, 217		8, 3 44, 0	. 9 84. 6	3, 014, 275 219, 071	99, 7 89, 5
General contractors		9, 800 9, 800	3, 3 3, 3	.2	4 18, 635, 177 5 13, 583, 771	79.3 72.4	Subcontractors	4 2, 950, 583 805, 034 4 927, 197 351, 010 442, 253 16, 783	26, 993 19, 560	24. 1 17. 5	. 9 2. 4	\$ 0, 344, 215 1, 475, 403 \$ 1, 887, 895	96.4 100.0
Building not special- ized Residential building	4, 029, 850				100 C		Floctrical Eloctrical Heating and plumbing I loating and plumbing Plumbing Ornamental iron	4 927, 197 351, 010 449, 959	19, 560 6, 933 3, 933 3, 000	0.2 3.5 2.7	1.1 1.7	697, 590	1 1/1
Ultip an enseen a service		1, 760	. 0	. 9	440, 535	67, 3	Ornamental iron	15, 783	500	.4	3. 2	025, 709 57, 150	100, 0
See footnotes at end o	or table.									· •			
											8 - F		

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued.

.

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF L MAT	ESIGN ERIAL	ATED		nt of ne by			COST OF I MAT	ESIGN ERIAL	ATED		nt of le by
KIND OF MATERIAL AND	Cost of all	i i	Per ce	nt of	Value of	er cent ss done	KIND OF MATERIAL AND	Cost of all		Per ce	nt of-	Value of construe-	Indicated per cent all business done t own force 1
CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	cost	als ed	construc- tion busi- ness	sines sines	CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	cost	als all	tion busi-	sines
	by kind	minouni	tal co	Cost of all distributed materials	11005	Indicated per all business of own force 1		by mind	·	cal co	Cost of all distributed materials	1.000	licate Il bu wn f
			Total (	n dist D		Ind a			а. С	Total	B Gig G		In 0 a o
SYRACUSE							SYRACUSE-Continued						
Sand, gravel, stone, slag, cinders, etc.*							Cement *	Dollars	Dollars			Dollars	:
All classes	Dollars 5, 038, 059	Dollars 484, 128	100.0	9.6	Dollars 13, 039, 536	84.4	All classes	5, 038, 059	420, 555			13, 039, 536	· · · · · · · · · · · · · · · · · · ·
General contractors	2, 304, 911	444, 898	91.1		7, 054, 992	76.1	General contractors	2, 304, 911 4 1, 053, 290	392, 014 127, 106	93. 2 30. 2	17.0 12,1	7, 054, 992 3, 147, 666	76, 1 66, 2
Building Building notspecialized Residential building	1, 053, 290 1, 018, 740	48, 306 48, 106	10.0 9.9		3, 147, 666 3, 064, 292	66. 2 70. 1	Building not special- ized	1, 018, 740 372, 393	127, 106	30. 2 20. 8	12.5 23.5	3, 064, 292 1, 085, 236	70.1 91.4
only	34, 550 372, 393	200 197, 948	40,9	.6 53.2	83, 374 1, 085, 236	1 91 4	Bridge and culvert	38, 959	87, 582 18, 000 137, 720	4, 3	46.2	77, 130	100.0
Highway Bridge and culvert Street paving	38, 959 574, 671	- 6,000		15.4 29.0	77, 130	100.0	Sewer, gas, water, con- duit Waterworks	199, 828	4, 600	1, 1	2, 3	838, 085	100.0
Sewer, gas, water, con- duit. Waterworks	199, 828 65, 770		2.7 2.7	6.6 19.8	838, 085 725, 000	100. 0 44. 8	and the second second second second second second second second second second second second second second second	65, 770	17,000	4.0 6.8		725, 000 \$ 5, 984, 544	
		39, 230	8.1	1.4			Subcontractors Concreting Masonry	4 2, 733, 148 24, 390 22, 469	13, 356	3, 2	54.8	109.356	91.7 100.0
Subcontractors Concreting Masonry	24, 390 22, 469	5, 858 3, 161	1.2	24.0 14.1	109, 356 47, 949	91.7 100.0	Masonry Plastering and lathing Marble and tiling	102,000 172,275	5, 000 5, 805	1.2	4.9	470, 000 516, 137	100, 0
Masonry Plastering and lathing Roofing and sheet-metal work	102,000		3.7 2.0		470,000		Plaster, etc.						
Roofing Marble and tiling	4 455, 363 275, 740 172, 275	9, 509 9, 509 2, 658	2.0	3.4	<sup>5</sup> 1, 094, 130 771, 136 516, 137	98.8 84.3	All classes	5, 038, 059	65, 646	100. 0	1, 3	13, 039, 536	84, 4
Grading	44	44		100. 0	27, 201		General contractors Building	4 2, 304, 911 4 1, 053, 290	25, 969 25, 969	39. 0 39. 0		<ul> <li>◊ 7, 054, 092</li> <li>◊ 3, 147, 066</li> </ul>	$76.1 \\ 66.2$
Brick (face, common, fire, paving, etc.)							Building Building not special- ized	1, 018, 740	25, 969		2, 5	3, 064, 292	70.1
All classes	5, 038, 059	188, 038	100.0	3.7	13, 039, 530		Subcontractors Plastering and lathing	4 2, 733, 148 102, 000	39, 677 39, 000			<sup>6</sup> 5, 984, 544 470, 000	97.8 100.0
General contractors Building	2, 304, 911 1, 053, 290	171, 438 131, 680	70.0	12.5	7, 054, 992 3, 147, 660 3, 064, 292	76.1 66.2	Marble and tiling	172, 275	677	1.0		510, 137	84.3
Building not specialized. Residential building	1, 018, 740	130, 980	í	1. A. A. A.		4	Structural steel *			100.0		10 000 500	
only Highway Bridge and culvert	34, 550 372, 303 38, 959	1, 820 1, 100	1.0	.5	83, 874 1, 085, 286 77, 180 1, 181, 875	91, 4 100, 0	All classes	5, 038, 059 4 2, 304, 911	473, 139 62, 660	100.0 13.2		13, 039, 530 5 7, 054, 992	
Street paving Sewer, gas, water, con-	574, 671	21, 838	11,6				Building not special.	4 1, 053, 290	49, 858	10.5	4,7	\$ 3, 147, 660	66.2
duit Waterworks	199, 828 65, 770	500 14, 500	7.7	. 3 22. 0	838, 085 725, 000	100.0 44.8	ized Highway Bridge and culvert Street paving	1, 018, 740 372, 393	3, 641	8	1.0	3, 064, 292 1, 085, 236	70.1
Subcontractors Masonry	4 2, 733, 148 22, 469	16, 600 9, 600	8.8 5.1		<sup>6</sup> 5, 984, 544 47, 949	97.8 100.0	Street paving	38, 959 574, 671	4, 500 4, 667	1, 0	-11.6	77, 130 1, 181, 875	100.0 93.0
Roofing and sheet metal work	4 455, 363	7,000	3,7	1.5	<sup>5</sup> 1, 094, 130	98. 9	Subcontractors Steel erection	4 2, 733, 148 360, 636	410, 473 360, 636	86, 8 76, 2	15.0 100.0	647, 293	97.8 100.0
Roofing Tile (fireproofing)	275, 740	7,000	3.7	2.5	771, 136	98, 8	Metal work, n. e. s	132, 967	49, 837	10.5	<b>3</b> 7. 5	191, 482	95.8
All classes	5, 038, 059	65, 136	100.0	1.3	13, 039, 536	84, 4	Metal doors, windows, and trim						1 .
General contractors	4 2, 304, 911	64, 642	99.2	2,8	¢ 7, 054, 992	76.1	All classes	5, 038, 059	108, 930				
Building Building not special- izod	4 1, 053, 290 1, 018, 740			1 .		1 1	General contractors	4 2, 304, 911 1, 053, 290	27, 249 27, 105	25. 0 24. 9		<sup>a</sup> 7, 054, 992 3, 147, 666	76. 1 66. 2
Highway Water works	872, 393 65, 770	761	1.2	.2	1, 085, 230 725, 000	91.4	Building not special- ized Residential building	1, 018, 740	24, 605	22. 6	2.4	3, 064, 202	70, 1
Subcontractors	4 2, 733, 148		. 8	(3)	<sup>\$</sup> 5, 984, 544	· · .	only Highway	34, 550 372, 393	2, 500 144	2.3		83, 374 1 085, 236	57.0 91.4
flooring	12, 549	494	. 8	3.9	31, 190	100. 0	Subcontractors Metal work, n. e. s	4 2, 733, 148	81, 681	75.0	8.0	5 5, 984, 544	97.8
Tile, facing, terra cotta, floor and wall							Ornamental metal work	132, 967	81, 681	75.0	61.4	191, 482	95, 8
All classes	5, 038, 059	100, 985	100. 0	2.0	13, 039, 530	84.4	All classes	5, 038, 059	97, 090	100. 0	1.9	13, 039, 530	84.4
General contractors Building	4 2, 304, 911 4 1, 053, 290	7, 428 6, 758	7.4 6,7	. 6	<sup>8</sup> 7, 054, 992 <sup>5</sup> 3, 147, 660	276.1 66.2	General contractors Building	4 2, 304, 911 1, 053, 290	13,000 13,000	13.4 13.4		<sup>6</sup> 7, 054, 992 3, 147, 660	76.1
Building not specialized. Waterworks	1, 018, 740 65, 770	6, 758	6.7	.7	3, 064, 292	70, 1 44, 8	Building not special- ized Residential building	1				3, 064, 292	
Subcontractors	4 2, 733, 148	93, 557	92.6	3.4			Residential building only	34, 550	800	. 8	2, 3	83, 374	57.0
flooring	12, 549 22, 469	598 4, 080			31, 190 47, 949	100.0 100.0	Subcontractors Ornamental iron	2, 733, 148 84, 090	84, 090 84, 090	86. 0 86. f			97.8 100.0
Masonry Marble and tiling	172, 275	88, 879				84, 3	Lumber, rough and						
Cut stone, granite and marble						1 A 1	finished All classes	K 090 0F0	276, 230	100.0	R F	13, 039, 536	84.4
All classes	5, 038, 059	259, 499	· · · · ·				General contractors	5,038,059	262.374	95.0	11.4	6 7, 054, 992	78.1
General contractors Building Building not specialized.	4 1, 053, 290	199, 366 72, 031 72, 031	27.8	6.8		2 76.1 66.2 70.1	Building Buildingnot specialized Residential building	1, 053, 290 1, 018, 740	223, 903 209, 903	81. 1 76. 0		3, 064, 292	2 70.1
Street paving	574, 671	117, 335	45, 2	20.4	1, 181, 878 725, 000	93.0 44.8	only Highway	34, 550 372, 393	14,000 9,574	3.8	40.5	83, 374 1, 085, 230	57.0 91.4
Subcontractors			1.1	2.2	<sup>5</sup> 5, 984, 544	97, 8	Street paying	38, 959 574, 671	3, 200		8.2	77,130	100.0 93.0
Marble and tiling See footnotes at end (		60, 133	23, 2	34.9	516, 137	84.3	Sewer, gas, water, conduit.	.  199, 828	25, 210	il 9, 1	12.6	838,08	5l 100.0

0

See footnotes at end of table.

No.

## TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued.

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

I		COST OF D MAT	ESIGN. ERIAL	ATED		at of te by			COST OF D MAT	ESIGN. ERIAL	ATED		e by
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials distributed by kind	Amount	Total cost	Cost of all H distributed P materials	Value of construc- tion busi- ness	Indicated per cent all business done i own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials distributed by kind	Amount	Total cost 0.0 a.	Cost of all H distributed p materials	Value of construc- tion busi- ness	Indicated per cent all business done own force 1
SYRACUSE-Continued		<b>_</b>					SYRACUSE—Continued		*				-
Lumber, rough and Anished—Continued Subcontractors Carpentering and wood	Dollars + 2, 733, 148	Dollars 13, 856	5, 0	0. 5	Dollars 5, 984, 544	97, 8	Pipe: Drain tile, vitrified, concrete, segment tile, corrugated All classes	Dollars 5, 038, 059	Dollars 95, 537	100, 0	1. 9	Dollars 13, 039, 536	84.4
flooring Concreting Roofing and sheet-metal work Roofing	12, 549 24, 390 4 455, 363 275, 740	469 10, 000	1, 2 , 2 3, 6 3, 6	1.9 2.2	109,356 \$ 1,094,130	91.7 98.9	General contractors Highway Street paving Sewer, gas, water, conduit.	4 2, 304, 911 372, 393 574, 671 109, 828	95, 430 3, 493 14, 016 77, 921	3.7 14.7	2.4	1, 181, 875	91.4 93.0
Millwork	-				7 13, 039, 536		Subcontractors. Masonry Bituminous paving ma-	4 2, 733, 148 22, 469	107 107			<sup>\$</sup> 5, 984, 544 47, 949	97.8 100.0
General contractors Building Building not specialized. Residential building	4 2, 304, 911	69, 629 68, 886	100.0	3.0	5 7, 054, 995 3, 147, 666	76.1	terials, tar asphalt and oil All classes	1 2 304 911				13, 039, 530	
Residential building only Highway Roofing and sheet metal*	34, 550 372, 393	7, 000 743	10. 1 1, 1		83, 374 1, 085, 236	57. 0 91, 4	Highway Street paving Subcontractors Roofing and sheet-metal	. 372, 393 574, 671	15, 165 55, 610	14. E 53. J	9.7	1, 085, 230 1, 181, 87	6 01.4 5 03.0
All classes	4 2, 304, 911	28 042	7.9	1.2	a 7. 054. 992	76, 1	Roofing and sheet-metal work Roofing	4 455, 363 275, 740	34, 000 34, 000	32. 5 32. 5		≬ 1, 094, 13( 771, 13)	0 98.9 7 98.8
Building not specialized. Highway Subcontractors Heating and plumbing	1, 018, 740 372, 393	335, 984	92, 1		3,064,292 1,085,236	2 70.1 91,4 97.8	UTICA Sand, gravel, stone, slag, cinders, etc.*	1	004 400	100, 0	22, 8	100 OPT	00.0
Heating and plumbing Heating and piping Roofing and sheet-metal work Roofing	455, 363	6,000 327,984	1, 6 90, 0	3, 1 ) 72, 0	359, 320 1, 094, 130	90, 4	All classes General contractors Building Building not specialized	3, 003, 317 2, 232, 944 976, 307 914, 902	680, 127 107, 305	99.4	30.5	7, 199, 377 5, 720, 087 2, 819, 808 2, 696, 162	88.8
Sheet-metal work Marble and tiling Heating and ventilating	179, 623	179, 623 2, 000	49.3	100.0	322,994	99.1	Commorcial building only Residential building only Highway	14, 744 46, 661 423, 491	12,900 191,653	1.9 28,0	27.6 45.3	64, 046 59, 600 845, 013	) 86, 3 99, 1
equipment * All classes	5, 038, 059	443, 580	100.0	8,8	13, 039, 536	84, 4	Highway Street paving Subcontractors	833, 146 4 770, 373	381, 169 4, 303			2, 055, 266 \$ 1, 479, 290	
General contractors Building Building not specialized.	. 4 1. 053, 290	4, 200 4, 200 4, 200	1.0	.4	\$ 7, 054, 992 \$ 3, 146, 666 3, 064, 292	76. 1 66, 2 70. 1	Subcontractors Roofing and sheet-motal work Roofing Marble and tiling	102, 853 102, 853 34, 000	273	(3) (3)	. 3 . 3 5. 9	199, 724 199, 724 85, 479	90, 7 90, 7 100, 0
Subcontractors Electrical Heating and plumbing Heating and piping Plumbing Plumbing and heating	. 344, 254 976, 322	2,000 397,380	99. 1 . 5 89. 6 36. 2 41. 2	. 6 40. 7 83. 8	708, 093 1, 790, 206 359, 320	100.0 98.8 96.4	Excavating Ornamental iron Brick (face, common, fire, paving, etc.) All classes	12, 000 10, 269 3, 003, 317	2, 000 30 129, 113	(3)	.0	28, 660	3 100.0
Plumbing and heating combined	134, 042 4 455, 363 275, 740	40,000	9.0	8.8	J 1, 094, 130	98.9	General contractors. Building Building not specialized. Residential building	2, 232, 944 976, 307 914, 902	127, 613 67, 280 65, 680	98, 8 52, 1 50, 9	5.7 6.9 7.2	5, 720, 087 3 2, 819, 808 2, 696, 162	88.8 78.2 78.0
Plumbing and gas-fit- ting equipment*	5 029 050	E14 000	100.0	10.0	19 090 590	84, 4	only Highway Street paving	46, 661 423, 491 833, 146		38.7 8.0	11.8 1.2	845, 013 2, 055, 266	99.1 100,0
All classes General contractors Building Buildingnot specialized.	+ 1, 053, 290	5,600	1, 1	. 2	\$ 7, 054, 902 \$ 3, 147, 660	76.1	Subcontractors Excavating Tile, facing, terra cotta, floor and wall	4 770, 373 12, 000		1, 2 1, 2		⁵ 1, <b>479, 290</b> 43, 289	98.9 100.0
Subcontractors Heating and plumbing Heating and piping Plumbing	4 2, 733, 148 976, 322	509, 232 17, 306	98, 9 98, 9 3, 4 80, 0	52.2 9.0	\$ 5, 984, 544 1, 790, 206 359, 320	97, 8 98, 8 96, 4	All classes General contractors Building Building not specialized,	3, 003, 317 4 2, 232, 944 976, 307 914, 902	48, 806 33, 806 33, 806 33, 806 33, 806	69.3	1.6 1.5 3.5 3.7	7, 199, 377 5, 720, 087 2, 819, 808 2, 696, 162	88.8
Electrical appliances	134, 042				246, 143	97, 8	Subcontractors Marble and tiling Cut stone, granite and	1-770, 373 34, 000	15, 000 15, 000	10.00	1.9	1, 470, 290 85, 479	98. 9
and supplies * All classes	5, 038, 059	402, 254	100, C	8, 0	13, 039, 536	84.4	All classes	3, 003, 317	95, 308	100, 0	3.2	7, 199, 377	92, 0
General contractors Building Building not specialized	4 1, 053, 290	4,000 4,000 4,000	1, C 1, O 1, O	4	<sup>6</sup> 7, 054, 992 <sup>3</sup> 3, 147, 666 3, 064, 292	1.4	General contractors Building Building not specialized Commercial building	<sup>4</sup> 2, 232, 944 4 976, 307 914, 902	80, 308 80, 308 76, 308	84, 3 84, 3 80, 1	3.6 8.2 8.3	* 5, 720, 087 * 2, 819, 808 2, 696, 162	88.8 78.2 78.0
Subcontractors Electricol Heating and plumbing Plumbing	344, 254 4 976, 322	342, 254 56, 000	13, 9	99, 4 5, 7	<ul> <li>5, 984, 544</li> <li>708, 693</li> <li>1, 790, 206</li> <li>1, 184, 743</li> </ul>	97 8 100, 0 98, 8 99, 9	only Subcontractors	14, 744 4 770, 373 34, 000	15,000	15.7	1	<sup>↓</sup> 1, 479, 290	
See footnotes at end	of table.	·		,		i i	a strand to be a set of the set of the set of the set of the set of the set of the set of the set of the set of	di shi		: ::::::::::::::::::::::::::::::::::::		n an an train Tha tha tha	24 244

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued.

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D MAT	ESIGN	ATED		cent of done by			COST OF I MAT	ESIGN ERIAL	ATED		nt of ne by
RIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials distributed by kind	Amount	Per ce	Cost of all H distributed 9 materials	Value of construc- tion busi- ness	Indicated per ce all business do own force <sup>1</sup>	KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	Cost of all materials disbributed by kind	Amount	Per ce	Cost of all H distributed p materials	Value of construc- tion busi- ness	Indicated per cent all business done
			Total	Cost distril mate		Indica all t owr				Total	Cost distril mate		all
UTICA—Continued Cement *		r					UTICA-Continued					···· •	
All classes	Dollars 3, 003, 317	Dollars 502, 395	100. 0	16.7	Dollars 7, 199, 377	92.0	Heating and ventilating equipment	Dollars	Dollars	100.0	5.0	Dollars 7, 199, 377	92.
General contractors Building Building not specialized_ Commercial building	2, 232, 944 4 976, 307 914, 902	497, 100 92, 042 91, 542	98, 9 18, 3 18, 2	9.4 10,0	5, 720, 087 5 2, 819, 808 2, 090, 162	78.0	All classes General contractors Building Building not specialized.	3, 003, 317 4 2, 232, 944 4 976, 307 914, 902	150, 130 4, 000 4, 000 2, 000	2.7	.2	<sup>4</sup> 5, 720, 087 <sup>4</sup> 2, 819, 808 2, 696, 162	
only' Highway Street paving	14, 744 423, 491 833, 146	500 131, 396 273, 662	, 1 26, 2 54, 5		64, 046 845, 013 2, 055, 266	99, 1	Residential building only	46, 661	2, 000	1.3		59, 600	86,
Subcontractors. Marble and tiling Excavating Ornamental iron		5.295 1,200 4,000	1.1	3.5	43, 289	100.0 100.0	Subcontractors	4 770, 373 327, 186 276, 116 27, 000	$146, 130 \\ 146, 130 \\ 123, 930 \\ 12, 000 \\$	97.3 82.5 8.0	44.7 44.9 44.4	\$ 1, 470, 290 520, 425 412, 767 65, 000	5 99. 7 100. 9 98.
Structural steel.*	3,003,317	319,951	100.0	10,7	7, 199, 377	92.0	combined Plumbing and gas fit- ting equipment	24, 070	10, 200	6,8	42.4	51, 658	8 97.
General contractors	976.307	93,660	36.3 29.3	5.2 9.6		88. 8 78. 2	All classes	3,003,317	137, 892	100.0		7, 199, 377	
Building not specialized Commercial building only Residential building	914, 902 14, 744		27.7 .3		2, 696, 162 64, 046		General contractors Building Building not specialized Residential building	4 2, 232, 944 4 976, 307 914, 902	3, 703 3, 703 203	2, 7 2, 7 , 1	4	<sup>8</sup> 2, 819, 808 2, 696, 162 2, 696, 162	78
Residential building only Highway	46, 661 423, 491	4,000 22,410	1.3 7.0		59, 600 845, 013	86, 3 99, 1	Subcontractors.	46, 661 4 770, 878	3, 500 184, 189	2, 5 97, 3		59, 600 4 1, 479, 290	
Subcontractors	4 770, 373 207, 181	203, 881 203, 881	63. 7 63. 7	26, 5 98, 4	≬ 1, 479, 290 346, 628	98, 9 100, 0	Heating and plumbing Heating and piping Plumbing	327, 186 276, 116 27, 000	134, 189 134, 189 108, 260 15, 000	97, 3 78, 5	41.0 39.2	529, 425 412, 767 65, 000	99 100
Reinforcing steel	4.0.000.010	110 400	100.0	3,7	77100 977	92.0	Plumbing and heating combined	24, 070	10, 929	7.9	45.4	51, 658	97.
All classes General contractors	\$ 3,003,317 2,232,944	110,462	100, 0	4.9	5, 720, 087	88.8	Electrical appliances and supplies						
Building Building notspecialized Highway Street paving	4 976, 307 914, 902 423, 491 833, 146	51,717	46.8 46.8 18.8 34.4	5,7 4,9	2, 696, 162 845, 013	99. L	All classes General contractors Building	3, 003, 317 44, 232, 944 4976, 307	42, 481 15, 000 15, 000	35.3 35.3	.7 1.5	7, 199, 377 5, 720, 087 2, 819, 808	88.
Lumber, rough and finished							Building not specialized Residential building only	914, 902 46, 661	12, 000 3, 000	28.2		2, 696, 162 59, 600	
All classes	3, 003, 317	133, 770	100. 0	4.5		<u> </u>	Subcontractors Electrical	4 770, 373 27, 481	27, 481 27, 481	64.7 64.7		\$ 1, 479, 200 62, 416	98.
General contractors Building Building not specialized Commercial building	4 2, 232, 944 976, 307 914, 902	125,000 124,750 113,156	93, 3	12.8		88, 8 78, 2 78, 0	Pipe: Cast-iron, sheet and tube steel, etc.	21, 101	27, 101		100.0	02, 110	
Residential building	14, 744 46, 661	1, 594 10, 000	1, 2 7, 5		64, 046 59, 600		All classes General contractors	3, 003, 317 4 2, 232, 944	40, 341	100.0		7, 199, 377	88.
only Highway	423, 491	250	.2	.1	845, 013	99, 1	Building Building not specialized Highway	976, 307 914, 902 423, 491	621 621 620	1.5	.1	<sup>5</sup> 2, 819, 808 2, 696, 162 845, 013	3 78, 2 78, 3 99,
Subcontractors Carpentoring and wood- flooring Millwork	11, 207					100,0	Subcontractors Heating and plumbing Heating and piping	4 770, 373 4 327, 186 276, 116	39, 100 39, 100	96. 9 96, 9	5.1 12.0		0 98. 5 99.
All classes	a 3, 003, 317			2,0	7 7, 199, 377		Bituminous paving ma- terials, tar asphalt						
General contractors	076 307		100.0	2.6 6.0 5.9	<sup>5</sup> 5, 720, 087 2, 819, 808 2, 696, 162	88.8 78.2 78.0	and oil						- 00
Bullding not specialized. Commercial building only. Residential building	14, 744	2,000	3, 4	13.6	64, 048	73.4	All classes General contractors Highway	<sup>6</sup> 3, 003, 317 <sup>4</sup> 2, 232, 944 423, 491 000	111, 363 111, 363 381	100,0	5.0	7 7, 199, 377 5, 720, 087 845, 013 2, 055, 266	7 88. 99.
only Roofing and sheet metal	46, 661	2,800	4.8	6.0	59, 600	86, 3	Street paving	833, 146	110, 982	.99, 7	10.0	2,000,200	100.
All classes	3, 003, 317	130, 368		4.3	7, 199, 377	92, 0	YONKERS		-		et es e		
General contractors Building Building notspecialized_	4 2, 232, 944 976, 307 914, 902	22, 521	$17.3 \\ 17.3 \\ 16.2$	1,0 2,3 2,3	<sup>5</sup> 5, 720, 087 2, 819, 808 2, 696, 162	88, 8 78, 2 78, 0	Sand, gravel, stone, slag, cinders, etc.* All classes	2, 343, 599	203, 277	100.0	8.7	7, 020, 983	3 79.
Commercial building only. Residential building only.	14, 744 40, 661		3		64, 046 59, 600		General contractors <sup>2</sup> Building Building not special-	851, 539 470, 654	119, 407 48, 478	58.7 23.8	14.0 10.3	3, 464, 637 2, 277, 889	9 58,
Subcontractors Heating and plumbing	4 770, 373 4 3 27, 186	107, 847 7, 767	82,7	14.0 2.4	۵ 1, 479, 290 ۵ 520 425	98, 9	ized <sup>2</sup> Commercial building	389, 563 8, 281	40, 105 1, 039	- <sup>1</sup>		1, 962, 384 31, 046	- f -
Plumbing and piping Plumbing and heating combined	276, 116 24, 070		3.7 2.3	1,7	412, 767 51, 658	100,0	Residential building only Highway Street paving	72, 810 71, 152 36, 919	32, 865	3, 6 16, 2 7, 1	10, 1 46, 2 39, 2	284, 400 173, 549 122, 478	98. 98.
Roofing and sheet-metal work	102, 853 102, 853	100.080 100,080	76. 8 76. 8		199, 724 199, 724	90, 7 90, 7	Sewer, gas, water, con-		and the second	1			1 91,

### TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based evclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D MATI	ESIGN. SRIAL	ATED		e by			COST OF D MAT	ESIGN.	ATED		t of e by
	Cost of all		Perce	nt o(	Value of	r cent i done l	12 ( AT ) ( AT ) ( AT ) ( AT )	Cost of all	******	Per ce	nt of—	Value of	r cent done l
KIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all husiness d own force <sup>1</sup>	RIND OF MATERIAL AND CLASSIFICATION OF ESTAB- LISUMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all business d own force <sup>1</sup>
YONKERS-Continued							YONKERS Continued						
Sand, gravel, stone, slag, cinders, etc.—Con.							Structural steel	Dallars	Dollars			Dollars	
Subcontractors	Dottars + 1, 402, 060 - 170, 935	Dollars 83, 870 66, 349	41, 3 32, 6	5.6	<i>Dollars</i> \$ 3, 550, 346 380, 663		All classes. General contractors ?	2, 343, 500 4 851, 539	65, 720 7, 315	100.0	2.8	7, 020, 083	
Concreting Electrical	143, 192	60, 849 470 9, 851	4, 7	1 3	380, 003 381, 350 203, 250	100.0	Building not special-	4 470, 854	4,800	7.3	1, 0	4 2, 277, 889	50.0
Stonework Marble and tiling Excavating	53, 784 57, 600	7300 7, 000	- 12 8, 4	1,0	150, 874	100,0	Red 7. Reddential building	389, 563	3,800	5,8	1, 0	1, 962, 384	
Brick (face, common,				ļ			only Sewier, gas, water, con- duit	72, 810 272, 814		1, 5 3, 8	1,4	284, 460	
fire, paving, etc.)	2, 843, 500	121, 278	100.0	5.2	7, 020, 083	79.6	Subcontractors.	4 1, 492, 060	58,405			890, 721 + 3, 556, 346	
General contractors <sup>2</sup>	4 851, 639	115, 279	05, 1	13.6	× 3, 464, 637	66.3	Steel erretion	112,097	68,405	88,0		323, 189	70.6
Building not special-	+ 470, 654	108, 123		( - 23. 0 [	8 9, 977, 880	- 56, 9 -	Ornamental metal work					5 N 000 000	
ized <sup>2</sup> Residential building	389, 563	\$80,455	82,0			1	All classes	4 2, 343, 899 4 507, 910	e intele ageneration	101711111788114			
only	72, 810 71, 152	8, 605 220	7, 1				Hulding not special-	427, 034	1,054	î.i		\$ 2, 160, 889	56.2
Sower, gas, water, con- duit	272, 814	6, 936	8, 7	2.5		1	<b>[X11]</b>	345, 943	1			1, 851, 389	1
Subcontractors. Excavaling	* 1, 402, 060 57, 600		4, 1 4, 1		* 3, 850, 340 141, 088		Subcontractors	+ 1, 402, 060 143, 102 112, 007	53, 300 3, 300 50, 000	6.1	2,3	4 3, 556, 346 381, 356 323, 189	) 100,0
Tile, facing, terra cotta, floor and wall							Lumber, rough and Intshed						
All classes	# 2, 343, 510	es su presente en la composición de la composición de la composición de la composición de la composición de la	and the second	serves en e	aller broken beker	and the second second	All classes	2, 343, 500	109, 383	10 <b>0,</b> ()	4,7	7, 020, 98	70.6
General contractors	4 807, 919 4 427, 034		41, 3 40, 5		4 3, 353, 637   4 2, 160, 859	191, 0 191, 2	(heneral contractors ?	4 851, 539 4 470, 654	51, 087 34, 732	46, 7 31, 8	8,0 7,4	♦ 3, 464, 637 ♦ 2, 277, 880	06, 3
Building not special- ized	345, 943	34, 675	40, 4	10, 0	1, 851, 384	50.5	Building not special- ized have an angle in	389, 563	22, 610			1, 962, 384	
Residential building only Bewar, gas, water, con-	72, 810	666	.(	.7	29(4, 460	73, 4	Residential building	72, 810			16, 6	284,400	
duit	272, 814	300	. 8	1.1	1		Sewer, gas, water, con-	272, 814	16, 355	15, 0	6,0	890, 721	01, 1
Subcontractors	+ 1, 492, 068 53, 784	50, 434 56, 434				95, 1 100, 0	Subcontractors.	+ 1, 492, 060	58, 200	53. 3	3.0	\$ 3, 556, 340	95,1
Cut stone, granite and marble							Carpentering and wood- log- Concreting-	11,800 170,935	11,800 44,236	10, 8 40, 4	100, 0 25, 0	30, 573 380, 663	100.0 100.0
All classes	* 2, 343, 599	120,400	1(8), (	5,4	• 7, 020, 983	79,6	Electrical	143, 192 57, 600	200 2,000	. 2	.2	381,350 141,000	1100.0
General contractors	4 807, 919 4 427, 034	41, 169 4, 041	- 32. ( - 3, 2			68, 0 46, 2	Millwork						
Building not special- ized	345, 043		2, 6		1	50, 5	АП сіозярзання на нападативня	0 2, 343, 599	73, 224	100, 0	3, 1	7 7, 020, 083	3 79.0
Residential building	72, 810	700	, 6	]   1.0	284, 460	73.4	General contractors ?	4 851, 539 4 470, 654	73, 224 72, 224	100, 0 98, 6			
Sower, gas, water, con- duit	272, 814	37, 128	20.4	13,6	890, 721	91, 1	Building not special- ized ?	389, 563					
Subcontractors.		85, 240 74, 240	67.4 58,7	5.7 58.6	4 3, 556, 346 203, 256	- (1). 急	Residential building only	72, 810		14.4	14, 5	284, 400	73.4
Marble and Illing	. 63, 784	1,000	, P	4 1,V	180,874	100, 0 100, 0	Sewer, gas, water, con- duit	272, 814	1, 000	1,4	.4	800, 721	91.1
Cement			160.4		7, 020, 983	79.6	Painis, Varnishes, Glass						
All classes	$q = p \exp \{ (1 + m + m) - \eta + m \}$	and the second second second	a Horabertone	6,0 8,0	1.66.81 (10.17) (a. 6010), (A. 8080) (10.17)	white search in the	All classes	2, 343, 590	distances all straight of the	100.0			-
Building not special-	470, 654		19, 1				General contractors <sup>2</sup> Building	4 851, 530 4 470, 654	4, 884 4, 254	12.2 10.0	0. 0.	4 3, 404, 637 ♦ 2, 277, 880	66.3 56.9
ized <sup>2</sup>	. 389, 563						Building not special- ized *	380, 563	4, 020	10, 1	1.0	1, 962, 384	51,6
only Highway	. 72, 810 . 71, 152	4. 011 20, 220	2. ( 14. 4	6.5 28,4		73, 4 98, 3	Residential building only Sewer, gas, water, con-	72, 810	225	.0	.3	284, 460	
Sower, gas, water, con- duit.	. 272, 814	20, 257	14.4	7.4	890, 721	91, 1	duit	272, 814			. I	890, 72	
Subcontractors Concreting Eloctrical Marbio and tiling Excavating	. 176, 035 143, 102 53, 784	66, 350 300 700		37.5 2 1.3	380, 663 381, 350 180, 874	<b>i</b> 100, 0	Subcontractors Electrical Painting and decorating Cluss and glazing Steel crection	4 1, 492, 060 143, 192 25, 441 8, 000 112, 997	120 25, 441 8, 000	63.5 20.0	, 1 100, 0 100, 0	29,000	) 100.0

1

See footnotes at end of table.

# TABLE 10.—COMPARISON OF COST OF DESIGNATED MATERIALS FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929, WITH COST OF MATERIALS AND VALUE OF CONSTRUCTION BUSI-NESS—Continued

[Based exclusively upon reports of establishments which gave the distributed cost of materials]

		COST OF D	ESIGN/ ERIAL	TED		nt of le by			COST OF D MATH	ESIGN. SRIAL	ATED		r cent of done by
	Cost of all		Per cei	nt of	Value of	cent done l	KIND OF MATERIAL AND	Cost of all		Per ce:		Value of construe-	ss do c
KIND OF MATERIAL AND CLASSIFICATION OF ESTAE- LISHMENTS	materials distributed by kind	Amount	Total cost	Cost of all distributed materials	construc- tion busi- ness	Indicated per all business d own force <sup>1</sup>	CLASSIFICATION OF ESTAB- LISHMENTS	materials disbributed by kind	Amount	Total cost	Cost of all distributed materials	tion busi- ness	Indicated per all business d own force <sup>1</sup>
YONKERS-Continued							YONKERS-Continued						
Roofing and sheet metal* All classes	Dollars 2, 343, 599	Dollars 169, 770	100. 0	7. 2	Dollars 7, 020, 983	79.6	Electrical appliances and supplies—Contd.	-					•
General contractors <sup>2</sup> Building	4 851, 539 4 470, 654	6, 715 6, 200	4.0 3.7	.8 1.3	<sup>8</sup> 3, 464, 637 <sup>8</sup> 2, 277, 889	66. 3 56. 9	General contractors—Con. Sewer, gas, water, con-	Dollars	Dollars 65	( <sup>3</sup> )	(3)	Dollars 890, 721	91, 1
Building not special-	389, 563	6, 000	3. 5	1, 5	1, 962, 384	51.6	duit	272, 814 + 1, 492, 060	135, 142	(9) 96. 9		4 3, 556, 346	95, 1
ized <sup>2</sup> Residential building only	72, 810	200	.1	. 3	284, 460	73, 4	Subcontractors Electrical Excavating	143, 192 57, 600	134, 842 300		94.2	381, 350 141, 000	100,0
Sewer, gas, water, con- duit	272, 814	515	.3	.2	890, 721	91, 1	Pipe: Drain tile, vitri-	,					, i
Subcontractors Roofing and sheet metal	4 1, 492, 060					1.11	fied, concrete, seg- ment tile corrugated	11					
Work	168, 055 86, 275	86, 275	96.0 50.8	100.0	436, 197 246, 610	98.0 97.4 98.0	All classes	2, 343, 599	91, 752	100, 0		7, 020, 083	
Sheet-metal work Roofing and sheet metal combined	. 54, 269 27, 511		1			1 1	General contractors <sup>2</sup>	4 851, 539 4 470, 654	66, 652 954	72.6 1.0	7.8	⁵ 3, 464, 637 ⁵ 2, 277, 889	66.3 56.9
Heating and ventilating	27,011		10. 1	100.0		10070	Building not special- ized <sup>2</sup>	389, 503	854	.9	. 2	1, 962, 384	51, 6
equipment* All classes	2, 343, 599	383, 722	100.0	16.4	7, 020, 983	79.6	Residential building only	72, 810 71, 152	100 8, 568	.1 9.3	.1 12.0	284, 460 173, 549	73.4 98.3
·General contractors 2	4 851, 539 4 470, 654	9,645		1.1	<sup>5</sup> 3, 464, 637 5 2, 277, 889	66.3 56.9	Highway Sewer, gas, water, con- duit	272, 814	57, 130			890, 721	1
Building Building not special- ized <sup>2</sup>	389, 563	ļ '					Subcontractors Heating and plumbing	4 1, 492, 060	25, 100	27.4 .1		\$ 3, 556, 346 \$ 1, 341, 043	95. 1 94. 3
Residential building			.4	2.2	284, 460	73.4	Heating and plumbing Plumbing Excavating	4 650, 465 54, 550 57, 600	100 100 25,000	.1	.2	142, 424 141, 000	100.0
Sewer, gas, water, con- duit	272, 814	462	. 1	. 2	890, 721	91. 1		01,000	20,000				
Subcontractors	4 1, 492, 060 143, 192	0 874,077 2,100	97.1	5 1.8	381, 350	95.1 100.0	Pipe: Cast-iron, sheet and tube steel, etc.			100.0		H 000 005	79.6
Electrical Heating and plumbing Heating and piping	- 4 650, 468	2 2, 100 5 371, 97 9 371, 97	96.9 96.9	57.2	<sup>5</sup> 1, 341, 043     1, 159, 000	94.3	All classes	2, 343, 599 4 851, 539	116, 596		·	7, 020, 985	
Plumbing and gas fit- ting equipment*			1				General contractors <sup>2</sup> Building Building not special-	470, 654	34, 163 7, 214	6.2			56.9
All classes					· · · · · · · · · · · · · · · · · · ·		ized <sup>2</sup> Commercial building	389, 563		1	1		1
General contractors 2 Building		8, 042 4 7, 200	2 4. 3	2 . ( 8 1. (	0,101,00		Residential building	8, 281					
Building not special- ized <sup>2</sup> Residential building	- 389, 56	3 5, 40	0 2.	8 1,	1, 962, 38	51.6	only Sewer, gas, water, con- duit	72, 810 272, 814			1		
onlySewer, gas, water, con-	- 72,81	0 1,80	D •	9 2.				1		70.	7 5,5	\$ 3, 556, 34	6 95.1
duit	272, 81			1			Subcontractors Heating and plumbing Heating and piping	4 650, 46 582, 84	5 81, 232 81, 233	69. 69.	7 13.9	1, 159, 00	6) 93.4
Subcontractors Heating and plumbing Heating and piping Plumbing	4 650, 46 582, 84	9] 129,63	9 95. 9 67.	8 28. 6 22.	$\begin{bmatrix} 5 & 1, 341, 04 \\ 2 & 1, 159, 00 \end{bmatrix}$	3 94.3 6 93.4	Excavating	57, 60	1,200		0 2.1	141,00	. 100, 0
Electrical appliances and supplies*							and oil					7 1 7 000 00	3 79.0
All classes			_	_			All classes	807.91			-		7 68.0
General contractors 2 Building	470,65	9 4,39 4 4,32	3 3. 8 3,	1	5 <sup>3</sup> 3, 464, 63 9 2, 277, 88		Building not special-		4 17	3.		<sup>a</sup> 2, 166, 88	9 56.5
Building not special ized <sup>2</sup> Commercial building	389, 50	3, 30	0 2.	4.			ized	345, 94	2 2, 32	8 6.	5 .1		4 50. 9 98.
only Residential building	. 8,28 z			6 10.	1		Sewer, gas, water, con-						
only	72, 81	.0 20	. 0	1.	8 284, 46	0 73.4	duit	212,81	10,04	<u>~</u> .	<u>' </u>		

1 Rased upon the difference between the total value of all construction business reported and the value of subcontract work let.
2 Includes operative builders.
3 Less than one-tenth of 1 per cent.
4 Includes cost of materials reported by establishments which did not include the designated material in their distributed lists.
4 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
4 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
5 Includes construction work reported by subcontracting establishments which did not include the designated material in their distributed lists.
7 Includes construction work reported by operative builders who did not include the designated materials in their distributed lists.
8 Includes construction work reported by operative builders who did not include the designated materials in their distributed lists.
8 Includes construction work reported by general contracting establishments which did not include the designated materials in their distributed lists.
9 Includes construction work reported by general contracting establishments which did not include the designated material in their distributed lists.
10 Includes construction work reported by general contracting establishments which did not include the designated material in their distributed lists.
10 Includes construction work reported by general contracting establishments which did not include the designated material in their distributed lists.
10 Endudes construction work reported by general contracting establishments which did not include the designated material in their distributed lists.
\* See footnote 3 of Table 9 on p. 857.
\* See footnote 4 of Table 9 on p. 857.

### TABLE 11.-COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929

[This table is made up in four sections; the second section begins on p. 895, the third on p. 900, the fourth on p. 905]

									n b: 2001		
CLASSIFICATION OF ESTABLISHMENTS	Total cost of all materials 1	COST OF MATERI DISTRIBUTED Amount	IALS	Sand, gravel, crushed stone, slag, cinders, etc.	Brick (face, common, fire, paving, etc.)	Tile (fire- proofing)	Tile, facing, terra cotta, floor, and wall	Concrete and cinder block	Cut stone, granite and marble	Riprap, rubble, etc.	Cement
NEW YORK	\$363, 751, 065	\$265, 337, 828	72.9	2 \$21,924,072	\$12, 136, 756	\$2, 770, 687	\$6, 966, 955	81, 766, 847	\$10, 021, 141	\$406, 941	3 \$20,464,497
Operative builders	1, 322, 332	1, 093, 691	82.7	28, 915	74, 292	5, 361	10,963	16, 895	4, 769	1,700	36, 297
General contractors	3 176,036,512	108, 512, 068	61.6	18, 193, 061	8, 390, 135 7, 936, 999	1, 707, 167	1, 619, 328	1 458 481	3, 063, 899	397, 818	
General contractors Building Building not specialized Commercial building only	77, 483, 816	52, 101, 633 43, 731, 459 1, 664, 875	57.5 56.4 45.7	4, 458, 641 3, 999, 470 119, 000	7,047,056	1,686,300 1,574,422	$\begin{array}{c}1,010,218\\1,226,276\end{array}$	646, 495 496, 737 44, 178	1, 590, 498 1, 488, 175	178, 549	16, 923, 733 5, 506, 791 4, 992, 708
Manuafeturing building only Residential building only	233, 882	206, 404	88.3 69.7	24, 015 316, 156	147, 582 93, 302 649, 059	29, 531 82, 353	65, 221 5, 491 313, 230	44, 178	1,488,175 23,061 229 70,000	1,010	124, 874 29, 523
Highway Bridge and culvert	9, 325, 129 17, 217, 816 3, 577, 209 364, 599	15, 217, 998 3, 096, 503	88.4 86.6	5, 396, 418 502, 787	121, 516 14, 940	1, 211	173	513, 500 7, 557	79, 033 121, 673 273, 245	62, 020 44, 424 73, 037	359, 686 5, 365, 214 621, 786
Commercial building only Manuafeturing building only Residential building only Highway. Bridge and culvert Grading Street paving Stewer, gas, water, conduit Dam and reservoir Waterworks Dredging, river, harbor, etc Railroad Foundation	364, 599 13, 314, 559	$\begin{array}{c} 331, 426 \\ 11, 374, 727 \end{array}$	90.9 85.4	171, 735 4, 503, 673	$622 \\ 118,879$			82 36, 384	210, 240 50 981, 032	400 50, 506	42, 653 2, 765, 861
Dam and reservoir	5, 294, 160 456, 558 8, 699, 707	3, 625, 152 456, 558	68.5 100.0	464,978 113,547	59, 322 629	5, 126 100	300	17, 302	47, 568		406, 784
Dredging, river, harbor, etc	5, 135, 331	2,888,893 2,117,874 1,292,978	33.2 41.2 54.2	99,778 135,858 394,227	33, 480	9, 325	. 7.000	3,474 6,000	12,481 24,000	2, 549 45, 735	158, 214 69, 199 136, 427 274, 412
Foundation Central station, light and power	173, 947	120, 546	69. 3	51,600	1, 000	440		60	3, 204 5, 000	400	274, 412 49, 650
plant	8, 672, 243 252, 152 140, 308	370, 647 252, 152	4.3	30, 869 87, 902	1, 021						23, 603 125, 700
Foundation. Contral station, light and power plant. Air transport work. Refuse disposal plant. Subway (other than buildings). Radio tower, etc.	140, 308 19, 384, 427 58, 345	100, 308 15, 106, 328 58, 345	71.5 77.9 100.0	2,472 1,769,066 9,510	8, 937 92, 048	3, 937 394	73	227, 607	2, 180	2, 218	125, 700 3, 541 1, 373, 898
Radio tower, etc	4 186,392, 221 3, 827, 440 7, 737, 004	155, 732, 069 3, 062, 308 6, 994, 464	83. 6 80. 0	3, 702, 096 17, 980	3, 672, 328	1, 058, 159 494	5, 336, 664 3, 121	290, 091	6, 952, 473 6, 154	7, 423	3, 504, 467 34, 964
Concreting Electrical	7,737,004	6, 994, 464 18, 050, 966 15, 698, 798	90.4	2, 274, 524 10, 670	10, 128 4, 000	177, 425		99, 001	6, 154 23, 170		2, 476, 905 5, 400
Heating and plumbing	15, 831, 442 66, 012, 396 20, 723, 607	<b>52, 994, 747</b> <b>17, 756, 871</b>	99.2 80.3 85.7	$     \begin{array}{r}       150 \\       7, 689 \\       2, 189     \end{array} $	13, 875 10, 785	1, 480 984	5, 578	2,087	487		2, 396
Pipe covering	884, 777 35, 565, 165	830, 314 30, 905, 440	93, 8 86, 9	4, 300	3, 090	505					439
Plumbing and heating com- bined	7, 410, 651		28.0	1,200							400
Automatic temperature control. Automatic sprinkler systems	7, 410, 651 282, 409 1, 145, 787 7, 291, 601 3, 455, 687 1, 305, 747 4, 787, 596 9, 230, 271	$\begin{array}{r} 2,073,926\\282,409\\1,145,787\end{array}$	100.0 100.0								
Painting and decorating	7, 291, 601 3, 455, 687	$\begin{array}{c} 5,555,851\\ 8,201,574\\ 1,234,689\\ 3,578,820\\ 8,170,413\\ 4,023,033\\ 2,391,461 \end{array}$	76.2	410, 993 2, 817 2, 000	3, 334, 329 561	747, 158 3, 725	101, 572	44, 214	53, 803	972	455, 257 1, 340 3, 000
Plastering and lathing	4, 787, 596	3, 578, 820 8, 170, 413	94.6 74.8 87.6	379, 041 30, 174	5, 743	9, 742 7, 639	140		1 909	2, 431	138, 516
Roofing Sheet-metal work	9, 339, 371 4, 253, 557 2, 937, 030	4, 023, 033	94.6 81.4	84, 209	7, 903 7, 903	4,999	32,823		1,208 1,208		6, 467 5, 296
Roofing and sheet metal com- bined	2, 148, 784 14, 516, 513		82.1			140	2,000				1. 171
Steel erection Stonework	14, 516, 513 2, 520, 217	1, 764, 919 14, 340, 500 2, 357, 044	98.8 93.5	4, 915 73, 871 14, 755 191, 367	4, 193 2, 025 278, 377	60		5, 000 132, 343	5, 385 2, 147, 234 4, 686, 688	3, 500	1, 171 50, 365 7, 368
Marble and tiling	12, 920, 257 8, 015	11, 132, 556	86, 2 100, 0	191, 367	278, 377	110, 127	5, 182, 306	3, 906	4, 686, 688		159,631
Ornamental iron	8,015 1,038,649 7,958,180 400,114 11,523 13,798 20,047	5, 250, 794	40.4 66.0 100.0	30 -				2, 200	10, 050		40, 713
Onding	10,000	11, 523	100. 0 100. 0 100. 0	4, 983 -				1 500			1,079
Waterworks Dredging, river, harbor, etc Soundproofing Foundation Metal work, n. e. s	20, 047 143, 730	8, 018 419, 381 5, 250, 794 400, 114 11, 523 13, 798 20, 047 143, 730 180, 091 616, 172	100.0								
Soundproofing Foundation	302, 379 5, 329, 091	180, 091 616, 173 1, 025, 709	11.6	88, 066 -							91, 093
nearth of equipment, trucking, (	1		87.8								ليتبريم بندمه روز ال
etc. Flooring, n. e. s.	13, 185 1, 309, 090	13, 185 1, 157, 779	100. 0 88. 4	13, 185 2, 598 -					18, 294		18, 189
ALBANY	4, 093, 269	2, 682, 125	65, 5	14 227, 058	42, 725	7,435	63, 227	47, 946	125, 449	· · · · · · · · · · · · · · · · · · ·	14 332, 484
General contractors Building Building not specialized	<sup>8</sup> 2, 402, 713 1, 157, 704 914, 719 108, 285 134, 700	1, 216, 939 449, 722	50, 6 38, 8	159, 879 25, 150	42, 725 86, 625 15, 625 9, 000	7,435	8, 227 8, 227 5, 227 1, 000	13, 946 13, 946			304, 825 37, 627 8, 027
Commercial building only Residential building only	914, 719 108, 285	203, 222 94, 800	28.8 87.5 68.1	8, 150 15, 000 2, 000	9,000 12,000	1,035 5,500 900	5,227 1,000 2,000	4, 946 7, 000 2, 000	4,800		20,600 9,000
HighwayStreet paving	254, 828 574, 729	1, 210, 939 449, 722 263, 222 94, 800 91, 700 121, 446 424, 068 141, 303	47.7	20,000 79,448							84,600 123,558
Sewer, gas, water, conduit Central station, light and power	141, 303	141, 303	100, 0	35, 281	.3, 100 _						59, 040
plant	80, 400	80, 400	100.0								
Subcontractors	1, 690, 556 103, 237 106, 207	1, 465, 186 103, 237 58, 142	86.7 100,0	68, 079 10, 000			55,000		75,000		27, 659 7, 500
Electrical Heating and plumbing	106, 207 741, 899 414, 076	58, 142 664, 594 414, 076	54.7 89.6 100.0	500							
Heating and piping Pipe covering Plumbing	12, 956 250, 899	12, 956 173, 594	100.0	500				-			
Automatic temperature control	63, 968	63, 968	100.0								
Painting and decorating	75,428	75,428									
Painting and decorating Roofing and sheet-metal work Roofing	76, 428 95, 643 13, 800	75, 428 95, 643 13, 800	100.0	1, 213							
Roofing Roofing and sheet metal com- bined	76, 428 95, 643 13, 800 81, 843	95, 643 13, 800 81, 843	100.0 100.0 100.0	1, 213						به میں میں اور اور اور اور اور اور اور اور اور اور	
Roofing and sheet metal com-	76, 428 95, 643 13, 800	95, 643 13, ε 00	100. 0 100. 0	1, 213 1, 213 42, 300						به میں میں اور اور اور اور اور اور اور اور اور اور	

See footnotes at end of table.

127100 - 33 - 57

### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Total cost of all materials	COST OF MATERIA DISTRIBUTED	IS	Sand, gravel crushed stone, slag, cinders, etc.	Brick (face, common, fire, paving, etc.)	Tile (fire- proofing)	Tile, facing, terra cotta, floor, and wall	Concrete and cinder block	Cut stone, granite, and marble	Riprap, rubble, etc.	Cement
BUFFALO	\$19, 389, 226	\$17, 202, 507	88.7	2 \$1, 592, 841	\$781, 044	\$68, 409	\$172, 110	820, 016	\$531, 850	\$5, 617	2 \$1, 637, 419
	<sup>8</sup> 8, 957, 538 5, 866, 304 5, 211, 161 49, 750	7, 912, 116 5, 182, 004 4, 588, 691 19, 750	88.3 88.3 88.1 39.7	1, 491, 291 526, 769 494, 526 1, 800	750, 842 737, 950 701, 956 2, 900	64, 299 64, 299 63, 790	58, 906 58, 906 42, 326	12, 546 11, 360 8, 560	355, 044 252, 411 239, 282	2, 117 2, 117 517	1, 547, 417 754, 065 739, 646
Manufacturing building only Residential building only	49,750 48,924 556,469	48,924	100. 0 94. 3	1, 892 28, 551	794 32, 300	500	680 15, 900	2, 800	229 12, 900	1, 600	2,094 12,325 559,886
General contractors Building not specialized Commercial building only	1, 587, 668 14, 088 807, 083 310, 209 84, 677	1,587,668 1,587,668 14,088 807,083 205,388 84,677 21,209	100.0 100.0 100.0 66.2 100.0	661, 377 2, 430 271, 292 17, 329 6, 044	6, 800 6, 092			1, 186	102, 633		3, 439 199, 081 21, 008 8, 446 892
Railroad	31, 208 7 10, 431, 688 218, 947 78, 920	9, 290, 391 180, 735	100.0 89.1 82.5 100.0	6, 050 101, 550 		1 A A					000
Concreting Electrical Elevator construction Heating and plumbing	78, 929 1, 528, 898 1, 839, 482 3, 236, 569 1, 385, 242 15, 498 1, 498, 701	78, 929 1, 528, 898 1, 839, 482 2, 275, 004 1, 014, 141 15, 498	100.0 100.0 70.3 73.2	1,850 1,300	250	50		1, 575 1, 500			90, 002 18, 495 275 275
Pipe covering Plumbing and heating com- bined	15, 498 1, 466, 791 218, 258	1,000,100	100.0 72.1 16.7 100.0	1	1.		der same				
Automatic temperature control Automatic sprinkler systems. Masoury Painting and decorating	218, 258 41, 040 109, 740 73, 994 164, 131 45, 000 151, 403 915, 785 158, 026	$\begin{array}{c} 36,476\\ 41,040\\ 109,740\\ 52,091\\ 164,131\\ 45,000\\ 123,102\\ 915,785\\ 465,025\\ 158,026\end{array}$	100.0 100.0 70.4 100.0 100.0	5, 243	24, 166	1, 260	3, 642	695	4, 332		8, 985
Plastering and lathing Roofing and sheet-metal work Roofing Sheet-metal work	151, 403 915, 785 465, 025 158, 026		81.3 100.0 100.0 100.0	2,700 6,949 5,383		2, 500 2, 500					8, 985
kooning and sheet nietal con- bined	292,784 1,303,687 5,281 297,914	281, 598	100.0 100.0 100.0 94.5 100.0	1, 566 31, 561 2, 400	4, 193		109, 562	5, 000	5, 385 5, 281 161, 258	3, 500	39, 865 2, 66
Subon ractors	8, 015 10, 145 73, 497 72, 213 60, 875 146, 694 125, 229	10, 145 73, 497 72, 213 60, 875 146, 694	100.0 100.0 100.0 100.0 100.0	1, 700 5, 915 3, 750	1, 250 343	300		200	50		39, 866 2, 60 375 8, 830 10, 125
Flooring, n. e. s	253, 226, 422	1	1		8, 471, 668		5, 547, 349	1, 149, 870	7, 730, 732	244, 580	10, 227, 333
Operative builders		678,998			54,432	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3, 531 928, 972	2,769 1,321,716	241, 629	24, 647 7, 070, 168
General contractors. Building. Building not specialized Commercial building only. Manufacturing building only. Residential building only. Highway Bridge and culvert. Grading. Street paving. Street paving.		$\begin{array}{c} 58,015,642\\ 4,25,051,483\\ 7,21,002,187\\ 8,1,387,594\\ 5,1,387,594\\ 5,2,541,503\\ 8,2,541,503\\ 8,2,541,503\\ 7,5,935,477\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,5,935,477\\ 7,5,935,477\\ 7,2,282,854\\ 7,5,935,477\\ 7,5,935,477\\ 7,2,282,856\\ 7,5,935,477\\ 7,5,955,477\\ 7,5,955,477\\ 7,5,955,477\\ 7,5,955,477\\ 7,5,955,477\\ 7,5,957$	50.2           7         48.1           5         44.9           6         91.7           8         83.0           2         85.5           3         90.1           5         100.0           7         83.0           5         62.0	$\begin{array}{c} 2,471,635\\ 2,221,954\\ 98,157\\ 12,375\\ 130,049\\ 303,607\\ 331,210\\ 13,320\\ 2,705,478\\ 281,064\\ 281,064\\ 281,064\\ \end{array}$	4, 896, 187 4, 283, 733 133, 730 79, 617 399, 107 6, 433 686 277 20, 355 12, 655 24, 555 24, 5555 24, 5555 24, 55555 24, 555555555555555555555555555555555555	1,291,467 1,240,122 2,531 29,804 326 326 327 328 328 328 328 328 328 328 328	63, 321 2, 959 1 245, 514	179, 589 93, 737 36, 210 49, 642 476, 386 	428, 944 377, 250 12, 197 30, 497 1, 965 250, 000 593, 906 7, 440	60, 948 59, 218 1, 010 720 7, 718 73, 037 50, 506	3, 038, 097 2, 716, 707 99, 281 18, 225 203, 884 350, 854
Dam and reservoir Waterworks. Dredging, river, harbor, etc Railroad. Foundation Central station, light and powe	7, 916, 810 4, 804, 240 2, 355, 467 146, 914 r	2,001,940 7 1,261,770 5 107,390	7 28.3 0 41.7 0 58.6 3 73.1	47, 694 129, 814 388, 177 41, 600	13,661	2	7, 000 0	1,246 6,000 60	2, 481 24, 000 3, 204 5, 000	45, 735	I share the second
plant Refuse disposal plant. Subway (other than buildings). Radio tower, etc.	8, 221, 31 140, 30 19, 384, 42	8 100, 30 7 15, 106, 32		2,472	8, 93 92, 048		7 73 4 894		2, 180 2, 596	2, 218	
Subcontractors. Carpentering and wood flooring.	144 507 05	102 999 67	5 85. 3 80. 4 91.	5 17,980 2 2,115,591	3, 364, 02 10, 12		2, 123	217, 367 64, 079	6, 406, 247 6, 154 23, 170		34, 914
Electrical Electrical Elevator construction Heating and plumbing Heating and piping	14, 231, 94	2 13, 746, 07 3 39, 059, 65 1 12, 509, 31 0 668, 59	8 99 8 86 9 87, 7 92	0 150 4 3,640 9 795 5	) 12, 19 9, 45	8 98	4				1, 686 324 1, 16
Pipe covering Plumbing and heating com Diumbing and heating com bined Automatic temperature contro	2, 242, 25	5 596, 31	9 26.	9 2,747 B 10	1	0 45	5 5,470	1.1.1	487		20
Automatic temperature contro Automatic sprinkler systems. Masonry Painting and decorating Glass and glazing Plastering and lathing		3         950, 11           6         4, 964, 66           4         2, 583, 23           5         1, 006, 25           0         3, 129, 71	3 1 100.	0 9 331, 25 5 2, 81 0 2, 00	2 3, 120, 30 7 56 7 5, 74	1 3,72 3 9,74	S   :	15, 787	19, 751	2, 43	116,82
See footnotes at end of tab						то ден на селото на селото на селото на селото на селото на селото на селото на селото на селото на селото на По ден на селото на селото на селото на селото на селото на селото на селото на селото на селото на селото на с По ден на селото на селото на селото на селото на селото на селото на селото на селото на селото на селото на с		1999 1997 - 1999 1997 - 1999 1997 - 1999 1998	n an	n na sana sa Manangén da	

### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

		COST OF		Sand, gravel,	Brick		Tile,				
CLASSIFICATION OF ESTABLISHMENTS	Total cost of all materials	MATERI DISTRIBUTED	VT9	crushed stone, slag,	(face, common, fire, paving,	Tile (fire- proofing)	facing, terra cotta, floor, and	Concrete and cinders block	Cut stone, granite, and marble	Riprap, rubble, etc.	Cement
		Amount	of total	etc.	etc.)		wall	DIOCK			
NEW YORK CITY-Contd.											
Subcontractors—Continued. Roofing and sheet-metal work Roofing	\$5, 279, 609 2, 179, 844 1, 995, 151	\$4, 485, 088 2, 034, 381 1, 580, 007	85.0 93.3 79.2	\$19,035 17,087 50	\$903 903	\$4, 596 4, 456	\$43, 889 32, 823 9, 066		1, 208		\$6, 305 5, 184
Sheet-metal work Roofing and sheet-metal com- bined	1, 104, 614 11, 578, 909	870, 700	78.8	1,898		140	2,000				1, 171
Steel erection Stonework Marble and tiling Excepting	2, 376, 145 11, 032, 425 907, 591	11, 439, 896 2, 267, 972 9, 713, 225 288, 323	98.8 95.4 88.0 31.8	10 5, 204 162, 623 96, 790	2, 025 210, 639 1, 525	00 110, 127	4, 374, 095	\$132, 343 3, 906	2,067,713 4,269,470	\$520	7, 368 124, 057 30, 363
Ornamental iron Highway Waterworks	298, 427	5, 036, 832 298, 427 20, 047	66.1 100.0 100.0								
Dredging, river, harbor, etc Soundproofing	143, 730 302, 379 5, 268, 216	143, 730 180, 091 555, 298	100.0 59.6 10.5	84 910				740			
Waterworks Dredging, river, harbor, etc Soundproofing Foundation Metal work, n. e. s Flooring, n. e. s	860, 749 974, 697	746, 048 839, 486	86.7 86.1	84, 310 2, 598					18, 294		18, 189
BRONX BOROUGH	16, 723, 127	14, 668, 309	87.7	1, 018, 554	595, 158	414, 643	540, 302	19, 800	14 1, 278, 379	90	652, 298
General contractors	3, 791, 404 9 1, 060, 122 942, 827	3, 041, 823 787, 147	80. 2 69. 5	720, 484 99, 012	103, 421 89, 549	136, 880 136, 880 136, 880	19, 078 19, 078 19, 078	19, 300 16, 800	13, 250 4, 000 4, 000	90 90	406, 280 75, 461 71, 047
General contractors. Building. Commercial building only. Residential building only. Street paving. Sewer, gas, water, conduit. Foundation. Central station, light, and power plant. Subway (other than building)	942, 827 51, 012 55, 354	638, 277 43, 516 55, 354	67.7 85.3 100.0	86, 023 9, 516 3, 473	81,449 8,100						800 2, 714
Highway Street paving	55, 354 16, 228 872, 975 339, 695	16, 228 724, 581 101, 002	100. 0 83. 0 29. 7		10,000			2, 500	1, 548 7, 702		6, 612 174, 607
Foundation. Central station, light, and power	117, 619	78, 100	66, 4	-35,000	1,000						35, 000
plant Subway (other than building)	2, 550 1, 382, 215	2, 550 1, 382, 215	100. 0 100. 0	330, 862	2, 872						114, 600
Subcontractors Carpentering and wood flooring	12, 931, 723 813, 607	11, 626, 486 799, 262 227, 929	89, 9 98, 2	202, 070 107, 722	491, 735	277, 763	521, 224	500	1, 200, 129		246, 018
Concreting Electrical Elevator construction	260, 557 389, 582 1, 158, 632	227, 929 389, 582 1, 158, 632	87.5 100.0 100.0	107, 722	728				5, 170		81, 244
Heating and plumbing	2, 499, 646 466, 468	2, 112, 493	84.5 100.0								
Heating and piping Pipe covering Plumbing Plumbing and heating com-	17, 000 1, 791, 326	17,000 1,602,326									
bined Masonry Painting and decorating Glass and glazing Plastering and lathing Roofing and sheet-metal work Roofing Sheet metal work	224, 852 1, 265, 750 118, 006	26, 699 1, 068, 883 118, 006	11.9 84.4 100.0	126, 752	488, 832	277, 378	23, 177	500	8, 677		110, 749
Glass and glazing Plastering and lathing	141, 924 161, 289	141, 924 122, 568 1, 049, 982	100. 0 76. 0 100. 0	6,717 8,530			12 024				9, 471 4, 739
RoofingSheet-metal work	1, 049, 982 202, 001 529, 103	202, 001 529, 103	100.0 100.0	8, 539 7, 629	600	325 325	12, 924				3, 568
Sheet-metal work Roofing and sheet-metal com- bined Steel erection	318, 878 756, 571	318, 878 702, 051	100. 0 92, 8	910							1, 171
Stonework Marble and tiling Excavating Ornamental iron	315, 779 1, 636, 418	315, 779 1, 447, 286	100.0 88.4	3, 550 2, 806 33, 380	50	60	485, 123		307, 406 931, 082		2, 975 6, 265 12, 386
Excavating Ornamental iron Foundation	108, 044 1, 872, 800 50, 000	72,489 1,527,220 50,000	67.1 81.0 100.5	33, 386							12, 380
Metal work, n. e. s. Flooring, n. e. s.	84, 872 248, 264	74, 136 248, 264	80.4 100.0	2, 598					7, 794		18, 189
BROOKLYN BOROUGH	28, 206, 964	22, 107, 662	78,4	1, 203, 025	1, 023, 657	123, 300	762, 032	53, 829	1, 472, 083	400	794, 349
Operative builders	138, 955	133, 317	95. 9	8, 863	13, 730	1, 550	5, 111	2, 628	60, 331		2, 758 686-269
General contractors Building Building not specialized	<sup>10</sup> 7, 896, 395 4, 440, 677 3, 613, 056	$5,106,264 \\ 2,760,870 \\ 2,067,729 \\ 188,688 \\ 504,453 \\ 15,641 \\ 1,022 \\ 1000$	64, 7 62, 2 57, 2	1,074,635251,021182,50517,26051,056	769, 428 763, 835 547, 175 25, 100	90, 649 89, 881 88, 701	$127, 114 \\ 127, 046 \\ 115, 861 \\ 1, 000 \\ 105$	42, 395 22, 735 14, 814	9,751 5,301		686, 269 279, 725 197, 023
Building Building not specialized Commercial building only Residential building only	3, 613, 050 278, 168 549, 453 86, 320	188, 688 504, 453	67.8 91.8	17, 260 51, 256 3, 862	181,000	1, 080	1, 000 10, 185	4, 150 8, 771	4, 100 350		19, 467 63, 235 4, 631
Bridge and culvert Grading Street paving Sewer, gas, water, conduit	1. 023	15, 641 1, 028 1, 332, 346	18.1 100.0 98.6	3,862 430 627,915	525 1, 432	328		19,600	50, 580		301, 890
Sewer, gas, water, conduit Waterworks	1, 351, 690 1, 061, 192 95, 218 54, 691	40, 891 95, 218	3.9 100.0	9, 293 1, 547	1, 338 682						1, 338 1, 514 75
Waterworks Dredging, river, harbor, etc Railroad Foundation	54, 691 232, 780 21, 296	$\begin{array}{c} 10, 641\\ 1, 023\\ 1, 332, 346\\ 40, 891\\ 96, 218\\ 64, 691\\ 232, 780\\ 212, 296\\ 551, 508\end{array}$	100.0 100.0 100.0	60 113, 197 6, 600 60, 710		440		60		400	75 6, 273 10, 000 80, 823
Foundation Subway, (other than buildings)	551, 508	551, 508	100.0	60, 710 119, 527	1, 616 240, 499	31, 101	68 629, 807	8, 806	1, 411, 752		105, 322
Subcontractors Carpentering and wood flooring Concreting	20, 171, 614 310, 467 66, 584	16, 868, 081 285, 467 66, 584 593, 071 3, 208, 986 5, 788, 881 2, 049, 750 3, 673, 399	83. 6 91. 9 100. 0	119,527 200 35,259	#10, 409				1, 111, 702 		100 20, 118
Floweter construction	593, 071 3, 208, 986	593, 071 3, 208, 986	100. 0 100. 0 76. 7	557	975	5	2, 926	487	487		1, 140
Heating and plumbing Heating and plping Plumbing Plumbing and heating com-	593, 071 3, 208, 986 7, 548, 558 2, 225, 601 4, 860, 774	2, 049, 750 3, 673, 399	92.1 75.6	557	975 975	5	2, 920	487	487		$125 \\ 1,015$
	462 183	65, 732 373, 940 276, 552	14. 2 89. 8	46, 655	239, 474	13, 059		8, 319	478		49, 161
Masonry Painting and decorating See footnotes at end of table		276, 552	100.0	10							20

### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Total cost of all	COST OF MATERI DISTRIBUTED	ALS	Sand, gravel, crushed stone,	Brick (face, common,	Tile (fire-	Tile, facing, terra cotta, floor,	Concrete and cinder	Cut stone, granite, and	Riprap, rubble,	Cement
CLASSIFICATION OF BUILDING AND	materials	Amount	Per cent of total	slag, cinders, etc.	fire, paving, etc.)	proofing)	and wall	block	marble	etc.	
BROOKLYN BOROUGH-Con.									1. 3		
ubcontractors—Continued Glass and glazing Plastering and lathing Roofing and sheet-metal work Roofing	\$49, 357 216, 838 1, 726, 956 242, 221 968, 804	\$49, 357 129, 750 1, 095, 223 222, 221	100. 0 59. 8 63. 4 91. 7	\$16,000 560 60			\$6, 389 4, 389	: 			\$21, 25
Roofing Sheet-metal work Roofing and sheet metal com- bined		571,600	59. 0 58. 4	500			0.000		-		
Rooting and sneet metal combined.           bined.           Steel erection.           Stone work.           Marble and tilling.           Excavating.           Ornamental iron.	515,9311,054,826716,5251,857,87620,1381,660,956	$\begin{array}{r} 301,342\\990,333\\666,525\\1,430,151\\20,138\\1,445,249\end{array}$	93. 9 93. 0 77. 0 100. 0 87. 0	5, 648 14, 638	\$50	\$18,037	620, 492		\$666, 525 744, 262		11,03 2,50
Foundation Metal work, n. e. s	1, 000, 938 12, 268 435, 600	1, 443, 249 12, 268 435, 606	100. 0 100. 0								
MANHATTAN BOROUGH	183, 574, 184	124, 924, 078	68. 1	7, 647, 778	6, 463, 599	1, 786, 673	3, 831, 445	\$677, 733	2, 789, 374	\$191, 518	7, 701, 56
perative builders	532, 656 11 88, 910, 656	493, 018	92. 6 48. 0	1,662	40,702	2, 101	152 848, 626	903	2, 569	188, 567	20,00
eneral contractors Building Building not specialized Commercial building only Manufacturing building only	42, 295, 620 37, 871, 680 2, 399, 385 98, 984	43, 500, 039 20, 203, 756 17, 511, 504 953, 903 98, 984 1, 639, 365	48.9 47.8 46.2 39.8 100.0	5, 129, 519 2, 013, 796 1, 876, 379 63, 895 6, 486	3, 914, 039 3, 825, 252 3, 520, 535 49, 146 74, 154	1, 045, 385 1, 044, 991 994, 999 20, 451	840, 800 551, 078 62, 136	$\begin{array}{c} 601,137\\ 122,096\\ 66,504\\ 14,236\end{array}$	1, 111, 264 388, 936 342, 442 8, 097	60,858 59,128 1,010	5, 151, 58 2, 593, 53 2, 388, 38 08, 52 11, 74
Residential building only Highway Bridge and culvert Grading Street paying	98, 984 1, 925, 571 926, 960 2, 440, 815 40, 812 3, 365, 108	808, 892 2, 260, 815 40, 812 2, 316, 596	85. 1 87. 3 92. 6 100. 0 68. 8	67, 036 85, 938 327, 354 12, 899 989, 034	181, 417 1, 706 155 272 1, 000	29, 541	227, 586	41, 356 436, 386	38, 397 417 250, 000 427, 190	720 7, 718 73, 037	124, 87 232, 05 441, 69 2, 59 329, 10
eneral contractors	1, 476, 390 18, 500 7, 644, 416 4, 677, 590 2, 122, 687 8, 000	1, 362, 407 18, 500 1, 998, 968 1, 909, 170 1, 028, 990 8, 000	92. 3 100. 0 26. 1 40. 8 48. 5	224, 072 6, 000 37, 244 129, 754 274, 980	11, 314 12, 817 742		7,000	15, 802 1, 246 6, 000	427, 190 7, 440 2, 481 24, 000 3, 204	1,067 43,069	156, 89 7, 50 39, 60 127, 90 267, 24
Foundation. Central station, light and power plant. Subway (other than buildings) Radio fower, etc.	8,000 8,218,761 15,556,652 58,345	8,000 206,235 11,278,553 58,345	100.0 2.5 72.5 100.0	1,018,938 9,510	60, 781	394	826	19, 607	5, 000 2, 596	2, 218	3, 00 050, 27
Ubcontractors Carpentering and wood flooring Concreting Electrical Elevator construction Heating and plumbing Heating and plumbing Pipe covering Plumbing Plumbing Blumbing and heating com- bined	94, 130, 872 1, 332, 491 6, 355, 312 11, 235, 748		86. 0 70. 9 90. 7 96. 0	2, 516, 597 17, 780 1, 814, 767	2, 508, 858 9, 400	739, 187 177, 425	2, 982, 667 2, 123	75, 693 64, 079	1, 675, 541 6, 154 18, 000	2,951	2, 529, 97 34, 81 2, 027, 50 10
Elevator construction Heating and plumbing Heating and piping Pipe covering	94, 130, 872 1, 332, 491 6, 355, 312 11, 235, 748 9, 511, 104 29, 385, 729 10, 258, 164 673, 053 16, 459, 224	80, 931, 021 944, 776 5, 763, 539 10, 790, 065 9, 378, 460 26, 207, 003 8, 711, 393 637, 597 15, 355, 386	98.6 89.2 84.9 94.7	150 2, 322 793	11, 223 9, 458 1, 705	1, 434 984 450	2, 650				54 20
Plumbing and heating com- bined	16, 458, 324 868, 674		93. 3 43. 2	1, 429 100		400	2, 550				20
Automatic temperature control. Automatic sprinkler systems Masonry Painting and decorating	868, 674 177, 401 950, 113 4, 366, 458 2, 340, 196 697, 034 3, 657, 034	375, 113 177, 401 950, 113 3, 343, 678 2, 188, 673 665, 976 2, 720, 512	100.0 100.0 76.6 93.5 95.5	136, 761 2, 807	2, 269, 064 561	450, 500 3, 725	62, 443	6, 968	10, 596		189, 0 1, 3
Plumbing and heating com- bined. Automatic sprinkler systems. Masonry. Painting and decorating. Class and glazing. Roofing and sheet-metal work. Roofing. Sheet-metal work. Roofing and sheet metal com-	3, 657, 034 1, 922, 033 1, 892, 909 278, 644	2, 720, 512 1, 856, 570 1, 345, 446 260, 644	74. 4 96. 6 96. 6 93. 5	313, 292 9, 936 9, 398 9, 398 50	5, 743 303 303	9, 742 4, 271 4, 131	10.010				82, 3 1, 50 1, 50
bind. Steel erection Stonework. Marble and tiling. Excavating. Ornamental iron	250, 480 9, 036, 750 1, 076, 612 4, 937, 096 779, 409	250, 480 9, 016, 750 1, 026, 439 4, 402, 534 195, 606 1, 049, 038 20, 047	100. 0 99. 8 95. 3 89. 2 25. 1 90. 9	488 10 1, 654 84, 036 48, 766	1, 975 210, 589	92, 090	2, 899, 941	3, 906	967, 986 072, 805	520	
Waterworks Dredging, river, harbor, etc Sound proofing	20,047	20, 047 143, 700 180, 091	100. 0 100. 0 59. 6				1				
Foundation Metal work, n. e. s Flooring, n. e. s	5, 197, 948 11, 692	493, 030 11, 692 532, 722	9.5 100.0 79.8	84, 316				740			80, 96
QUEENS BOROUGH	·	18, 663, 426	81.7	1, 263, 994	869, 246	23, 939	406, 270	392, 755	2 2, 087, 466	2,066	805, 88
perative builders eneral contractors Building Building not specialized Commercial building only	52, 663 5, 742, 420 1, 787, 531 977, 719 363, 488 21, 102	52, 603 4, 967, 239 1, 137, 083 664, 825 201, 488	100.0 86.5 63.6 68.0 55.4	996, 526 90, 427 68, 637 7, 486	246, 315 202, 774 123, 049 51, 384	20, 939 17, 942 17, 942	33, 525 33, 452 23, 325 185	260, 412 12, 230 7, 169 1, 374	200 36, 441 25, 657 24, 907	2,066	1, 86 652, 53 77, 16 53, 83 10, 48
Manufacturing building only		1, 137, 085 664, 825 201, 488 21, 102 249, 668 473, 932 570, 099 778, 555 26, 107 87, 411 1 894 052	100.0 58.7 82.3 100.0 97.1	5, 889 8, 415 211, 204 296, 477 45, 000	5, 463 22, 878 4, 727 5, 818		2, 959 6, 988	3, 687 40, 000 182	750		6, 47 6, 30 112, 18 142, 68 91, 00
Itighway	26, 107 87, 411 1, 894, 052	26, 107 87, 411 1, 894, 052	100, 0 100, 0 100, 0	772	6, 217 26, 779	2, 997	73	208,000	322	2, 066	1, 20 228, 20

1.5.12200

### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

<u></u>	<u></u>	COST OF		Sand, gravel,	Brick		Tile,				
CLASSIFICATION OF ESTABLISHMENTS	Total cost of all materials	Amount	Per cent of total	crushed stone, slag, cinders, etc.	(face, common, fire, paving, etc.)	Tile (fire- proofing)	facing, terra cotta, floor, and wall	Concrete and cinder block	Cut stone, granite, and marble	Riprap, rubble, etc.	Cement
QUEENS BOROUGH-Con.											
Subcontractors Carpentering and wood flooring	13 \$17,039,128	\$13, 643, 524 494, 598	80. 1 72. 8	\$207, 408 157, 843	\$122, 931	\$3,000	\$372, 745	\$132, 343	\$2, 050, 825		\$250, 909
	679, 763 453, 442 1, 976, 296 5, 511, 335 1, 281, 708	454, 598 453, 442 1, 976, 296	100.0 100.0	157, 843							199, 746
Heating and plumbing	5, 511, 335	11 4.746.018	86.1 100.0								
Pipe covering Plumbing	33, 007 3, 655, 801	1, 281, 708 14, 000 3, 409, 110	42.4 93.3								
Concreting Electrical. Heating and plumbing. Pipe covering. Plumbing Plumbing and heating com- bined.	540, 819	41, 200	7.6	21, 084 2, 000 16, 408  70, 133	100 001						
bined. Masonry.lazing Plastering and lathing Roofing and sheet-metal work Roofing. Sheet-metal work. Steel erection	246, 238 149, 000 202, 589	178, 164 149, 000 156, 882	100.0	21, 084 2, 000	122, 931	3,000	140				3,000
Roofing and sheet-metal work	<sup>202, 089</sup> <sup>18</sup> 580, 638 342, 713	483, 313	83.2	10, 103			9,066		1,208 1,208		
Sheet-metal work	218, 600 730, 762	218, 600 730, 762 250, 229 2, 418, 954	100.0				9,000				
Stonework Marble and tiling	267, 229 2, 587, 235	250, 229 2, 418, 954	97.0 93.5	70, 133			363, 539	132, 343	125, 796 1, 913, 321		$166 \\ 14,373$
Ornamental iron Highway	2, 932, 325 298, 427	298, 427	34.6 100.0								
Stolework Marble and tiling Ornamontal iron Highway Metal work, n. e. s Flooring, n. e. s	328, 579 58, 500	224, 614 58, 500	68.4 100.0	*****					10, 500		
RICHMOND BOROUGH		1, 659, 840	87. 9	14 588, 159	20, 010	2,703	7, 300	5, 753	14 108, 430	\$50, 506	14 178, 789
General contractors	1, 570, 221	1,400,277	80. 2 63. 5	587, 398 17, 279	20, 010 14, 777	2, 703 1, 763	2, 300 2, 300 1, 540	5, 728 5, 728 • 4, 900 828	100, 430 600	50, 506	173, 489 12, 211 5, 520
Building Building not specialized Residential building only	334, 554 227, 595 106, 959	119,852 92,723	52.7 86.7	8, 410 8, 809	11, 525	1,600		- 4, 900 828	600		6 691
Dam and reservoir	28, 187	991,855 28,187	100.0 100.0	545, 516 14, 000	2, 103 248				97, 972	50, 506	145, 434 12, 600
Waterworks Dredging, river, harbor, etc Refuse disposal plant	156, 876 45, 852 12, 897	142,791 11,972	01. 0 26. 1	8, 903	162				1.050		1,000
		12,897	100.0	1,700	2, 720	940	K 000		8 000		300
Subcontractors	317, 715 40, 000 203, 415	259, 503 40, 000 205, 203	81.7 100.0 77.9	701							300
Plumbing and heating com-	117, 088	117, 688	100.0	761				25			
Electrical. Heating and plumbing. Plumbing. Dindd Marble and tiling.	145, 727 14, 300	87, 575 14, 300	60. 1 100. 0				5,000		8,000		300
ROCHESTER	10, 187, 355	9, 011, 474	88. 5	2 897, 376	2 640, 666	51,754	209, 219	132, 501	472, 890	29, 558	
General contractors	6, 372, 309 4, 544, 323	6, 060, 891 4, 232, 905	95.1 93.1	858, 850 292, 328 288, 343	535, 958 500, 254 499, 369	51, 667 51, 667 51, 667	93, 124 93, 124	126, 248 112, 580	387, 670 310, 479 310, 479	29, 558 29, 558	1, 057, 446 371, 423 367, 903
Building not specialized	4, 303, 851 18, 700	4, 029, 859 18, 700 184, 346	93.0 100.0			1 1 1 1 1 1 1 1		110, 080 2, 500			
Residential building only Highway	221, 772 635, 501	184, 346 635, 501	83.1 100.0	8, 985 230, 605	885 2, 666		2, 698				254,086
Street paving	54, 860 1, 079, 408	54, 860 1, 079, 408 58, 217	100.0 100.0	14, 320 320, 748 848	28, 261			11, 666	77, 191		8,543 422,041 1,353
Sewer, gas, water, conduit	08, 217 9 915 040	2, 950, 583	100.0 77.3	38, 526	104, 708	87	14. S. S. S. S. S. S.	6, 253	85, 220		29, 773
Carpentering and woodflooring.	169, 130 827, 464	169, 136 805, 034	100.0 97.3	10,000	· · · · · · · · · · · · · · · · · · ·						5, 000
Elevator construction	14,000 15 1,529,007	14,000	100.0 60.6	500	- 10 - E - E			6.000	<ol> <li>i i i i i i i i i i i i i i i i i i i</li></ol>	2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	87
Heating and piping Pipe covering	657, 655 48, 000	351, 010 48, 000	53, 4 100, 0	500		1. 1. 1. 1. 1. 1. 1.		1.1.1.		1 1 and a second second	· · •
Automatic sprinkler systems	537, 169 85, 934 187, 926	442, 203 85, 934 197, 026	82.3 100.0 100.0	1 1 1 1	11 A A A A A A A A A A A A A A A A A A			1. 2.1	<ul> <li>A set of the set of the first</li> </ul>		
Masonry Painting and decorating	61, 938	61, 938 12, 000	100.0 100.0								
Glass and glazing Plastering and lathing Roofing and sheet-metal work	12, 000 15, 000 410, 946	15,000 303,995	100.0 74.0 100.0								25
Roofing Sheet-metal work	160, 106 129, 889	927, 197 361, 010 48, 000 442, 253 85, 934 187, 926 61, 938 12, 000 15, 000 303, 995 160, 106 129, 889	100.0 100.0	350							
Roofing and sheet metal com-	120, 951	14,000	11.6				A Date				
Steel erection	195, 504 347, 542 15, 783	14,000 195,504 214,270 15,783 28,800	100.0 61.7 100.0	4, 964			115, 815		71, 195		10, 062
Ornamental iron Flooring, n. e. s	28, 800	28, 800	100.0			in an					
SYRACUSE	6, 145, 621	5, 038, 059	82. 0	≇ 484, 128	188, 038	65, 136	100, 985	5,700			1 420, 555
		110 160 0	73, 2	444, 898	171, 438	64, 642 54, 881	7, 428 6, 758	3,700 3,700 3,700	199, 366	6-0-50357	392, 014 127, 106
General contractors	16 3, 148, 173 17 1, 600, 125	1, 053, 290	65.8	48, 306	131, 680	04,001	0,100	S 100	10,001		107 104
General contractors Building Building not specialized Residential building only	<sup>16</sup> 3, 148, 173 <sup>17</sup> 1, 600, 125 1, 444, 219 69, 550	1, 053, 290 1, 018, 740 34, 550	65.8 70.5 49.7	48, 106	130, 980 700	54, 881	6,758				07 500
General contractors Building Building not specialized	16 3, 148, 173 17 1, 600, 125 1, 444, 219 69, 550 672, 393 38, 950 574, 671 286, 797 65, 770	2, 304, 911 1, 053, 200 1, 018, 740 34, 550 372, 393 38, 959 574, 671	65.8 70.5	48, 106 200 197, 948 6, 000	130, 980	54, 881 761	6, 758		117 935		87, 582 18, 000 137, 726

# TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

	Total cost	COST OF MATERI DISTRIBUTED	ALS	Sand, gravel, crushed stone,	Brick (face, common,	Tile	Tile, facing, terra cotta,	Concrete	Cut stone, granite,	Riprap, rubble,	Cement
CLASSIFICATION OF ESTABLISHMENTS	of all materials	Amount	Percent of total	slag, cinders, etc.	fire, paving, etc.)	(fire- proofing)	floor, and wall	einder block	and marble	etc.	
SYRACUSE-Continued									a an	1.144	
Subcontractors Carpentering and woodflooring	\$2, 997, 448 39, 990	\$2, 733, 148 12, 549	91.2 31.4	\$39, 230	\$16,600	\$494 494	\$93, 557 598		\$60, 133		\$28, 541
Concreting	24, 390	24, 390 344, 254	100.0 100.0								13, 356
Electing and plumbing Heating and plumbing	1,107,191 191,545	076, 322 191, 545	88.2 100.0 96.1								
Plumbing and heating com- bined	011,021	650, 735 134, 042	56.2								
Masonry	22,469	22,469	100.0 100.0	3, 161	9,600		4, 080				4, 320
Roofing and sheet-metal work	12,800 123,990 455,363	12,800 102,000 455,363	100.0	3, 161 	7 000						5, 000
Roofing and sneet-metal work	275, 740	275,740	100.0	9, 509	7,000						
Marble and tiling	172, 275	360, 636	100.0 100.0	2, 658			88, 879		60, 133		5, 865
Ornamental iron Grading Metal work, n. e. s	108,090	84, 090 44 132, 967	50.0 100.0	44							
Metal work, n. e. s Flooting, n. e. s.	20, 561	20, 561	100.0								
UTICA	8, 737, 072	3, 008, 317	80.4	2 684, 430	129, 118	12, 243	48, 806	\$13, 687	95, 308	\$33, 870	\$ 502, 395
General contractors	2, 282, 923	2, 232, 944 976, 307	97.8 95.1	680, 127 107, 805	127, 613 67, 280	12, 243 12, 243	33,806	11, 687 11, 687	80, 308 80, 308	33, 870 33, 870	497, 100 92, 042 91, 542
Building Building not specialized Commercial building only Residential building only	$\begin{array}{c} 2,282,923\\ 1,026,286\\ 947,264\\ 14,744\\ 047,264\\ 14,744\end{array}$	914, 902 14, 744	96.6 100.0	93, 205	67, 280 05, 680	9, 743 2, 500	L 33, 806	1 10.487	76, 308 4, 000	33, 870 33, 870	91, 542
Highwow	423,491	40,001	72.6	191,653	1,600 50,000 10,333			1, 200	4,000		131, 396 273, 602
Street paving			100.0	381, 169 4, 303 	1,500		15,000	2, 000	15, 000		5, 295
Subcontractors Carpentering and wood flooring Electrical	1, 454, 149 11, 207 367, 055	27.481	100.0 7.5								
Electrical Elevator construction Heating and plumbing Heating and piping	24, 238 659, 388	1 327, 186	100.0								
Heating and piping. Plumbing Plumbing and heating com-	499, 938 62, 126	276, 116 27, 000	43.5								
bined	97, 324 13, 958	24, 070 13, 958	100.0								
Painting and decorating Roofing Steel erection Marble and tiling	13, 958 114, 853 207, 181	102, 853 207, 181	89.6 100.0 100.0	273			15 000		15,000		1, 200
Marble and tiling Excavating Ornamental iron		12,000	100.0	2,000	1, 500			2,000	15, 000		4,000
YONKERS							1 - 1			1	140, 246
YONKERS Operative builders	2, 730, 100							350			520
General contractors	1, 066, 290			118, 807	113,779	ł	. · · · · · · · · · · · · · · · · · · ·	12,097	41, 169	10,612	67, 271 26, 792
Building Building not specialized Commercial building only Residential building only	1, 066, 290 685, 405 436, 481	345, 943	62.3 79.3	39, 505	97, 958	2, 434 2, 308 1, 728	35, 175 34, 675	12, 097 10, 747	4, 041 3, 341	10, 612 4, 162	20, 781
Commercial building only	8, 281 240, 643 71, 152	72, 810	100.0 30.3 100.0	7, 334	8,665	580	500	1, 350	700	6, 450	4, 01 20, 220
Highway Street paving Sewer, gas, water, conduit		88,919	100,0	14, 474	6, 936	126			37, 128		20, 25
Subcontractors	18 1, 620, 190	1 492 060	92.1	83, 870	6,000		- 50, 434		85, 240	· · .84	72, 450
Carpentering and wood flooring Concreting	170,935	143 192	100.0 100.0 100.0	66, 349			4			-	
Electrical Heating and plumbing Heating and plping	050, 465 582, 849	1 650.465	100.0 100.0								
Pipe covering Plumbing Painting and decorating	54, 550	13, 066 54, 550	100.0				1.1.1	1.11.2			
Painting and decorating Glass and glazing Roofing and sheet-metal work	. 8,000	168.055	87.1								
Roofing Sheet-metal work	111, 275 54, 269	86, 275 54, 269	77.5			1 · · · ·					
Roofing and sheet-metal com- bined							-				
Steel erection Stonework Marble and tiling	27, 511 112, 997 118, 791 53, 784	27, 511 112, 997 83, 791 53, 784 57, 600	100.0 70.5 100.0	9,551			50, 434		_ 74, 240 _ 1, 000		70
Excevating	57,600	57, 600	100.0	7, 000	6,000	·	-				5, 10

See footnotes at end of table.

 $p_{ij}(\xi_{ij}) = \frac{1}{2} \sum_{j=1}^{n} \frac{1}{2}$ 

and other the theorem

A state of the second seco

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

									····		
CLASSIFICATION OF ESTABLISHMENTS	Lime	Plaster, etc.	Structural steel	Reinforc- ing steel	Cast iron, miscella- neous, ex- cluding pipe	Metal doors, windows, and trim	Metal and wire lath and fur- ring	Orna- mental metal work	Lumber, rough and fin- ished	Laths, shingles, and shakes	Millwork
NEW YORK	\$1, 333, 469	\$2, 878, 694	2 \$24,048,023	\$5, 035, 192	\$3, 537, 592	\$1, 413, 263	\$1, 523, 673	\$5, 002, 811	\$15, 492, 820	\$558, 527	\$5, 572, 861
Operative builders	7, 307	28, 976	6, 542	750	1, 705	21, 737	10, 259	8, 556	232, 346	18, 768	205, 546
General contractors	758, 803	744, 531	9, 501, 034	3, 932, 342	3, 173, 852	669, 718	350, 281	351,060	12, 618, 621	373,079	4, 632, 815
Building not specialized	605, 824 486, 901	727, 193	3, 914, 205 3, 779, 019	1, 704, 646 1, 646, 229 28, 508	127, 054 80, 506 4, 409	658, 365 570, 327	336, 619 284, 616	326, 424 296, 760	8, 647, 931 6, 302, 595	370, 808 254, 652	4, 632, 815 4, 615, 670 3, 495, 843 71, 392
Building	23, 688 3, 567 91, 668	29, 888 130, 729	25, 285 23, 347 86, 614	28, 508 2, 796 27, 113	1, 172 40, 967	28, 065 4, 336 55, 637	0, 363 42, 640	8, 675 20, 989	607, 714 11, 236 1, 726, 386	26, 755 89, 401	1, 392 1, 132 1, 047, 803
Highway	3, 539 2, 289	1,500	279, 321 291, 556	1, 225, 642 214, 663	54, 908 17, 081	1,094	42, 040 319 197	10, 350 6, 937	208, 997	85, 401 856 1, 250	1,047,805 4,807 542
Residential building only Highway Grading Street paving Sewer, gas, water, conduit Dam and reservoir	2, 235 300 141, 603	200 170	6, 178 32, 758	5, 065 285, 927	28 186	125	1,050		28, 829 59, 817	, 250	4,060
Sewer, gas, water, conduit	3,070	14,034	45, 343	74, 435 18, 413	63, 659 32, 430	260 1, 345	1,500		245, 841 26, 130		2,000
Waterworks, Dredging, river, harbor, etc. Railroad Foundation Contral station, light and power plant. Air transport work.	1, 856	384		1,619 37,670	1, 171 15, 227	3, 824		61	44, 138 700, 585	165	
Railroad			167, 372	52, 939 4, 336	31, 253				130, 348 2, 500		593
Contral station, light and power plant.				8, 181 30, 000	15,027				9, 988 8, 150		
Refuse disposal plant Subway (other than buildings) Radio tower, etc	157 64	842	6, 478 4, 643, 210	2, 244 271, 562	47, 221 2, 739, 697	2, 625	322	6, 511	1, 716 2, 157, 911		
E Contraction of the second second second second second second second second second second second second second			12, 374			1, 790		777	3, 512		
Subcontractors Carpentering and woodflooring Concreting	567, 359 25	1, 605, 187 10, 056	14, 540, 447 2, 000	1, 102, 100 46, 060	362, 535 66, 172	721, 808	1, 163, 133 50	4, 643, 195 250	2, 641, 853 1, 761, 019	166, 680 4, 150	734, 500 717, 624
Electrical	500	1,800	32, 900	866, 573	1, 424		41, 822 200	3, 300	612, 404 1, 794		
Elevator construction		12,267	6, 698 2, 767 2, 327	487	3, 028 33, 131	7, 500 587	487	13, 000 8, 025	988 7, 893	3,750	3, 000
Heating and plumbing Heating and piping Pipe covering	28	10,750				100		8, 025	3, 154	150	
Plumbing and heating combined.	522	1, 467 50	440	487	33, 131	487	487		4, 639 100	3, 600	3, 000
Pipe covering Plumbing and heating combined Masonry Painting and decorating Hass and glazing Plastering and lathing Roofing and sheet-metal work Roofing Sheet-metal work	117, 169 1, 357	30, 746 7, 305	32, 338	16, 448 77	15, 123 2, 977 9, 000	20, 174 9, 965	13, 760		30, 428 7, 231	10, 729 13	561
Glass and glazing Plastering and lathing	407, 933	1, 460, 064		2,500 9,328		700	974, 868	10,000	4, 500 6, 277 41, 163	144, 859	
Roofing and sheet-metal work			2. 621 1, 825		115	3, 415 2, 030	31, 128 1, 411 20, 717	1, 466 73, 209 9, 015 58, 827	41, 108 34, 623 5, 286	2, 867 2, 587	
Roofing and sheet metal combined.			600 196	47 011	115	1, 385 140	29, 717 62, 109	5, 367 150, 031	1, 254 27, 746	280	
Roofing Sheet-metal work. Roofing and sheet metal combined. Steel construction. Stonework. Marble and tiling. Wreeking. Excavating. Ornamental iron. Highway. Bridge and culvert. Grading. Dredging, river, harbor, etc. Foundation. Metal work, n. e. S. Flooring, n. e. S.	50		13, 532, 134 2, 000	47, 611 11, 636	16, 914	1. 254	7,136	27, 658 6, 675	2, 033 1, 572	312	275
Wrecking	37,075	51, 049	2,000	5, 234		1, 400 75			5, 250 77, 462		
Ornamental iron		a, au	543, 288 122, 887	17, 667 12, 073 3, 435	182, 199 2, 317	3, 119	20, 323	4, 349, 581	1, 600 82		
Bridge and culvert			201 1,400	3, 435	600				1, 825 2, 208		
Dredging, river, harbor, etc			60, 210	61, 971	27, 675	1, 910			1, 544 35, 945		13, 040
Metal work, n. e. s		27.750	179, 528		1, 860	630, 844	5, 250		8, 394 2, 500		
•											
ALBANY	5, 231	25, 057	14 250, 453	82, 294	4, 302	8, 680	3, 228	592	173, 482	2, 278	66, 039
General contractors. Building Building not specialized Commercial building only	4, 231 3, 929	24, 057 15, 023	16, 482 16, 482	59, 017 6, 360	3, 702	7, 295 7, 295	3, 228 3, 228	592 592	155, 274 125, 409	2, 278 2, 278 2, 278	66, 039 66, 039
Building not specialized Commercial building only	3, 729	11, 023	12, 482 2, 000	960 5, 000		2, 295 1, 000	1, 728 500	192 	77,409 18,000	2, 2/8	63, 639 400 2, 000
Highway	200	4, 000	2, 000	$     \begin{array}{r}       400 \\       16,846 \\       27,772     \end{array} $		4, 000	1,000	400	30,000		
Street paving Sewer, gas, water, conduit	302	9, 034		27, 772 8, 039	3, 702				3, 358 26, 507	*****	
Subcontractors	1, 000	1, 000	233, 971	23, 277	600	1, 385			18, 208 10, 000		
Concreting Roofing and sheet-metal work Roofing and sheet metal combined_			30, 000	18, 237		1, 385 1, 385			10,000		
Steel erection	1 000	1,000	202, 571	10, 040					6, 000		
Steel erection Marble and tiling Grading	1, 000	1,000	1, 400		600				2, 208		
BUFFALO	72, 481	120, 694	2 1, 389, 771	421, 153	42, 849	232, 186	116, 708	95, 747	869, 883	- 58, 608	442, 035
Operative builders	10, 101	100,004	.,,								
General contractors	70, 048	60, 884	519. 774	344, 471	27, 471	126, 412	19, 413	26, 274	757, 245	31, 975	411, 385
Building not specialized	70, 048 62, 046	60, 884 23, 774	519, 774 443, 332 409, 195	344, 471 190, 157 187, 361	14, 236 14, 226	126, 212 121, 376	16, 987 15, 787	16, 274 14, 174	686, 884 519, 809	31, 975 27, 910	409, 993 379, 344
Commercial building only Manufacturing building only	147	1, 400	409, 195 3, 200 23, 347 7, 590	2, 796	10	4, 336			7,600 6,511		1, 132
Devidential building only	7 955	35, 710	04,7001		2, 000	500	1, 110	2, 100 10, 000	152,964 28,152	4,065	29, 517 392
Bridge and culvert			324 1,000	132, 622 2, 545 5, 125	6, 190 4, 726		2, 516		3, 953 1, 396		392 1, 000
Bighway. Bridge and culvert. Street paving. Sewer, gas, water, conduit. Dredging, river, harbor, etc. Railroad.			4,000 3,129	6,900	4, 726 319	200			5, 863 26, 697 4, 300		, UUU.
			13, 229	120					±,ov0		
See footnotes at end of table.											

.

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Lime	Plaster, etc.	Structural steel	Reinforc- ing steel	Cast iron, miscella- neous, ex- cluding pipe	Metal doors, windows, and trim	Metal and wire lath and fur- ring	Orna- mental metal work	Lumber, rough and fin- ished	Laths, shingles, and shakes	Millwork
BUFFALO-Continued											
ubcontractors. Carpentering and woodflooring. Heating and plumbing. Heating and plumbing. Plumbing. Masonry Glass and glazing. Plastoring and lathing. Roofing and sheet-metal work. Roofing. Sheet-metal work.	\$2, 433	\$59, 810	\$869, 997	\$76, 682 26	\$15, 378		\$97, 295	\$69, 473	\$112, 638 72, 385 229	\$6, 633	\$30, 65 27, 65
Heating and plumbing	δ	50	2, 100 2, 100						4, 800	3, 600	3, 00
Plumbing Mesonry	5 400	50 1 257	2,100						4,000	3, 600 310	8,00
Glass and glazing	1,440	57, 795						10,000		2.567	
Roofing and sheet-metal work			600					250	1, 581 1, 581	156 56	
Roofing. Sheet-metal work. Roofing and sheet metal combined. Steel erection Marble and tiling. Wrecking. Excavating. Ornamental iron. Highway. Foundation. Metal work, n. e. s.			600					250			
Steel erection Marble and tiling	488	708	853, 380	21, 639			527	5, 591	20, 783		
Wrecking Excavating	100		1, 275			75			5, 250 2, 275		
Highway			8,117	9,947	4, 306 2, 317	119		53, 632	83		
Metal work, n. e. s.			4, 525	45, 000	1, 860	103, 920			2,000 3,131		
NEW YORK CITY		1, 694, 828	<sup>2</sup> 19, 432, 878	2, 531, 453	3, 333, 064	716,078	947, 274	4, 431, 518	9, 552, 008	203, 152	2, 146, 16
Operative builders	5, 312	1, 004, 828	* 19, 432, 878	~, 001, 100	1, 665	710, 078	2, 309	7,206	124, 330	3, 279	2, 146, 16
General contractors	474 009	275, 777	7, 242, 430	1, 550, 683	3,006,691	191, 246	53, 368	63, 130	7, 198, 729	95, 717	
BuildingBuilding Building_not specialized Commercial building only Manufacturing building only Residential building only	332, 395 241, 559	274, 551 206, 165	2, 182, 614 2, 131, 806	953, 455 914, 681	86, 251 41, 890	183, 001 128, 450	45, 732 26, 609	55, 842 35, 709	3, 690, 821 2, 747, 488	95, 711 47, 379	1, 386, 56 1, 381, 73 966, 39
Commercial building only Manufacturing building only	22, 970 3, 420	27, 588	10, 068	22, 910	4,409	26, 387	8, 563	6, 715	518, 711 1, 026	26, 218	53, 25
Residential building only Highway	64, 446	40, 798	40, 740 20, 000	15, 864 35, 098	38, 790 16, 102	28, 164	10, 560	13, 418	423, 590 20, 505	22, 114 6	362, 08
Highway Bridge and culvert	150		117, 974	129, 423 2, 278 23, 638	16, 223 348				316, 439 695		16
Street paving. Sewer, gas, water, conduit. Dam and reservoir. Waterworks Dredging, river, harbor, etc. Railroad.	140, 124		13, 866 33, 155	42, 543	5, 230 36, 788		7, 314		19, 637 152, 421		
Waterworks	820	384	30, 916 27, 700	1,000 1,619 30,668	643 14, 908	3, 824			4, 213 37, 070		
Railroad			154, 143	52, 819 4, 336	31, 253				663, 041 126, 048 2, 500		59
Central station, light and power plant		;		1,000	12, 027				2, 200		
Foundation. Central station, light and power plant. Refuse disposal plant. Subway (other than buildings). Radio tower, etc	157 64	842	6,478 4,643,210	2, 244 271, 562	47, 221 2, 739, 697	2, 625	322	6, 511	1, 716 2, 157, 911		27 3, 80
Radio tower, etc			4, 643, 210 12, 374			1, 796		777	3, 512		
Subcontractors Carpentering and wood flooring Concreting	504, 202 25	1,406,287 10,056	12, 189, 656	980, 770 46, 060	824, 708 66, 172	524, 093 35, 746	891, 507 50	4, 361, 182	2,228,949 1,490,341	104, 156	621, 20 607, 60
Concreting Electrical Elevator construction	500	1, 800 50	2, 900	843, 159	1, 207		41, 822 200		555, 518 534		
Elevator construction Heating and plumbing	545	12, 217	6, 698 667	487	3, 028 23, 257	7, 500 587	487	13,000	988 3, 093	150	
Heating and plping Pipe covering Plue to covering Plue to covering Plue to covering	28	10, 750	227			100			2, 354	150	
Plumbing and heating combined.	017	1,417	440 18,064	487 14, 217	23, 257	487 19,042	487		639 100 16, 951		
Pipe covering Plumbing and heating combined Masonry Painting and decorating Glass and glazing Plastering and lathing Roofing and sheet-metal work	1, 357	7, 305		14, 217 77 2, 500	8, 052 2, 977 9, 000	9,965			7, 231 4, 500	495 13	56
Plastering and lathing Roofing and sheet-metal work	378, 451	1, 295, 864		9, 328	115	700 400	811, 216 30, 067	1,466	5, 580 23, 845	103,000 180	
Roofing and sheet-metal work Roofing Sheet metal work						400	350 29, 717	67, 734 4, 790 57, 577	22, 942		
Roofing and sheet-metal combined. Steel erection			11, 300, 893	14, 434	115 5, 519			5, 367 57, 379 27, 658	77 826 100	180	
Stonework Marble and tiling	50 30, 973	48, 445	2,000 20,000	11, 636			1, 415	27,658 6,575	2,033 1,372	312	
Excavating Ornamental icon	1,500	1, 500	530, 171	4, 234 17, 667	177, 706	3, 000	1,000	4, 187, 370	72, 011 1, 600		
Highway Dredging, river, harbor, etc Foundation			122, 887 60, 210		27, 675	1, 910			1. 544		13, 04
Metal work, n. e. s Flooring, n. e. s		27, 750	125, 166	16, 971		445, 243	F 050		33, 945 5, 263 2, 500		
		- 20,100					5, 250	******	2, 000	~	
BRONX BOROUGH	101, 429	74, 227	2 1, 370, 181	42, 069	96, 073	28, 138	9, 346	21, 237, 867	963, 251	24, 689	284, 47
eneral contractors Building Building not specialized	50, 924 27, 593 23, 743	5, 350 5, 350	498, 349 3, 634	25, 204 5, 033	567 567	2, 605 2, 605 2, 605	500 500		430, 241 151, 560	2, 206 2, 206	52, 93 52, 93 37, 36
Commercial building only	23, 743 3, 850	5, 350	458	5, 033 5, 033	567	2, 605	500		119, 538 4, 880 27, 222	2, 208	
Residential building only			3, 176						3, 217		16, 56
Sewer, gas, water, conduit. Foundation				1,000					5, 033 2, 500		
Central station, light, and power plant	· · · · · · · · · · · · · · · · · · ·				1.1.5	;-		1997 - C. (1997 - 1997)	,0		

See footnotes at end of table.

contents, tur la catronas e est

## TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

.

	·			·		·····	<u>,</u>				
CLASSIFICATION OF ESTABLISHMENTS	Lime	Plaster, etc.	Structural steel	Reinforc- ing steel	Cast iron, miscella- neous, ex- cluding pipe	Metal doors, windows, and trim	Metal and wire lath and fur- ring	Orna- mental metal work	Lumber, rough and fin- ished	Laths, shingles, and shakes	Millwork
BRONX BOROUGH-Contd.							:				
Subcontractors	\$50, 505	\$68, 877	\$871, 832	\$16,865	\$95, 506	\$25, 533 25, 000	\$8, 846	\$1, 237, 867	\$533,010 506,222	\$22, 483	\$241, 542 241, 542
Concreting Masonry	26, 364	1,800	900	16, 865					12,900 2,554	1	
Plastering and lathing Roofing and sheet-metal work	14, 035	59, 627				133 400	8,496 350	5, 567	1,021	22, 483	
Roofing and sheet metal combined.						400	350	200 5, 367	1, 900		
Stolevork	50	7 450	058, 072		5, 519			5, 000 4, 232	150		
Excavating		7,400	20,000		80 087			4, 232	3, 000		
Metal work, n. e. s									5, 263		
BROOKLYN BOROUGH		88, 195		93, 578	105, 073	254, 606		<sup>2</sup> 1, 184, 008	860, 772	30, 402	248, 451
operative builders	5, 312	8, 764				. 739	1,050	706	26, 142	1,877	17, 316
General contractors	122, 109 54, 406	20, 996 20, 996	380, 377 83, 681	69, 511 35, 372 18, 952	43, 285 11, 132	29, 651 29, 651	8, 636 8, 636	11, 578 11, 578	595, 797 426, 616	11, 525 11, 525	203, 989
Building Building not specialized Commercial building only Residential building only	19, 023 3, 395	12.636	1 74.521	18,952 16,420	5, 272 800	22, 891	6, 396	11.508	330, 021	5, 119	203, 396 182, 826
Residential building only Bridge and culvert	3, 395 31, 988	3, 400 4, 960		331	5,060	1,075 5,685	1, 290 950	70	32,005 1,377	5, 506	10,070 10,500
Street paving Sewer, gas, water, conduit	67, 703		9, 624	328	4,004				567		
Waterworks Dredging, river, harbor, etc			600	342 87					1, 127 22, 663		
Bridge and culvert Street paying Swer, gas, water, conduit Waterworks Dredging, river, harbor, etc. Railroad Foundation. Subway (other than buildings)			40,000 246,472	10,000 3,336	25,403				15, 900		598
		58, 435	240, 472 1, 240, 996	19, 715 24, 067	2, 746 61, 788	224, 216	 0 777	1, 171, 724	125, 885 238, 833	17,000	07 1/5
Subcontractors Carpentering and wood flooring Concreting	27, 984	50	1, 240, 550		1, 207	<i>44</i> <b>4</b> , <i>4</i> 10			225, 659		27, 147 27, 147
		50 547			22,000	587	487		234 537		
Heating and plumbing Heating and plumbing Plumbing Masonry	497	547		487	22,000	100 487	487				
Masonry Painting and decorating	14, 228 7				265				200 1		
Plastering and lathing Steel erection	20, 000	47, 500	945, 104				8, 000 240	43, 100	235	17,000	
Marble and tiling Excavating	1, 727 1, 500	8, 736 1, 500		7, 110	38, 316		240		200		
Masonry Painting and decorating Plastering and lathing Steel ercetion Marble and tiling Excavating Ornamental iron Foundation Metal work, n. e. s			179, 666 125, 166	15, 970 500	38, 310			1, 120, 281	11, 768		19191419999 
WEBERE WOLK, II. 6. S			120, 100			A20, 028					
MANHATTAN BOROUGH		1, 294, 567	2 15, 013, 641	2, 189, 671	3, 036, 570	200, 689	874, 788	958, 845	6, 871, 824	69,429	1, 186, 357
Operative builders		4,000	702		839		1, 349	6, 500	68, 180	1,402	117,604
Jeneral contractors	283, 414 240, 087 102, 580	126, 593 126, 209 80, 478	5, 797, 807 2, 072, 049 2, 035, 632	1, 287, 070 906, 312 884, 564	2, 892, 220 70, 048 31, 547	151, 238 142, 993 97, 422 25, 312	28, 380 28, 058 12, 985	50, 958 43, 670 24, 007	5, 534, 306 2, 773, 355 2, 134, 355 383, 672	25, 136 25, 130 15, 848	1, 039, 667 1, 035, 705 708, 039 22, 408
Building. Building not specialized. Commercial building only. Manufacturing building only. Residential building only	193, 580 13, 673 3, 106	24, 188	2, 035, 032	6, 479	3, 609 1, 162	25, 312	7, 273	6, 715	383, 672 1, 026	49	22, 408
Residential building only	29, 728	21, 543	26, 469	15, 269 25, 098	33, 730 1, 102	20, 259	7, 800	12, 948	254, 302 4, 862	9, 233 6	305, 258
Bridge and culvert Grading	150		117, 974	129,092 2,278	16, 223 348				315, 062 695		160
Street paving Sewer, gas, water, conduit	41, 055 1, 238		400 33, 155	12, 543	36, 788				145, 226		
Dam and reservoir Waterworks	820	384	30, 916 27, 100	1,000	500				3, 500 34, 158		
Dredging, river, harbor, etc Railroad			27, 100 114, 143	30, 581 42, 819	14, 908 5, 850				628, 456 110, 148		
Central station, light and power		· · · ·		100.070	12,027	0.007			1, 515, 332	Norma (normania) Normania	3, 802
Subway, (other than buildings) Radio tower, etc	64		3, 389, 696 12, 374	136,070	2, 734, 426	2, 625 1, 796	322	6, 511 777	3, 512		
Subcontractors Carpentering and wood flooring	394, 424	1, 163, 974 10, 006	9, 215, 042	902, 601 46, 060	$143,511 \\ 66,172$	49, 451 10, 467	845, 059	901, 387	1, 269, 338 617, 651	42, 891	29,080 15,485
Concreting	500	10,000	2, 000	791, 557			28, 842 200		503, 660 300		
Elevator construction Heating and plumbing		11,670	6, 698 667		3,028 1,257	7, 500		13, 000	988 2, 550		
Heating and piping Pipe covering	28	10, 750	227						2, 354	150	
Plumbing and heating combined	20	870 50	440		1, 257				102 100		ﯩﺪﯨﻴﺎﻧﯘﻧﺎﻧﯘﺩ,ﺑﻮﻧﺎﺑﻮﺩ ﺟﻪﻣ <sup>ﯘ</sup> ﺭﺷﺪ,ﺑﻮﻧﺎﺑﻮﺩﺍ
Masonry Painting and decorating	49, 409	1,300	18, 064	14,217 77	7, 787 2, 977	19, 042 9, 965			14, 197 7, 031 4, 559	495 13	561
	1, 350	7, 253									حداد شد با مرد م شرع ا
Plastering and lathing Roofing and sheet-metal work	1, 350 326, 019	1, 115, 302		9, 328	115	567	784, 125 29, 717	13, 512	21, 868	180	********
Roofing and sheet-metal work Roofing Sheet-metal work	1, 350 326, 019	1, 115, 302		9, 328			29, 717 29, 717		21, 868 21, 042	180	
Roofing and sheet-metal work	1, 350 326, 019	1, 115, 302		9, 328  14, 434	115		29, 717	13, 512	21, 868	180	********

See footnotes at end of table.

127100-33----58

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Lime	Plaster, etc.	Structural steel	Reinforc- ing steel	Cast iron, miscella- neous, ex- cluding pipe	Metal doors, windows, and trim	Metal and wire lath and fur- ring	Orna- mental metal work	Lumber, rough and fin- ished	Laths, shingles, and shakes	Millwork
MANHATTAN BOROUGH-Con.										and the	· · · · · · · · · · · · · · · · · · ·
Subcontractors-Continued.	· ·	· .		<b>A</b> 4 004		· · · ·	an a t				
Ornamental iron			\$157, 645	\$4, 234 1, 697	\$34,500			\$837, 599	\$69,011 1,600		
Subcontractors—Continued. Excavating Ornamental iron Waterworks Dredging, river, harbor, etc Foundation			60, 210.	16, 471		\$1, 910			1, 544 22, 177		\$13, 040
QUEENS BOROUGH		\$219, 869	1, 412, 345	201, 461	95, 205	232.045	34, 729	21, 050, 798	758,079	\$72, 464	\$88, 789
Operative builders					826				30,008		3, 472
Concernal contractory		105, 668	550 550	164, 224	70, 476	7 159	5,904	594	540, 303	50,682	1
Building	7, 762	104, 901 99, 301	559, 559 20, 754 20, 195	6, 218 5, 612	4, 504 4, 504	7, 152	5,904	594 194	260, 470 117, 574	50, 682 21, 006	61, 885
Commercial building only	42, 052		20, 195	11	4, 004	4, 932		194	65, 649	25, 269	61, 885 61, 885 17, 259 20, 780
Building. Building not specialized Commercial building only. Manufacturing building only Residential building only	314 1, 205	5,600	559	595		2, 220	126	400	77, 247	4,407	23. 846
Residential britaing only Righway Street paving Sewer, gas, water, conduit Dredging, river, harbor, etc. Refuse disposal plant. Subway (other than buildings)	6, 535			10,000	15,000 1,226				15, 643 5, 015		
Sower, gas, water, conduit Dredging, river, harbor, etc				30,000					500		
Refuse disposal plant	157	767	6,478 512,327	1,894 96,606	47, 221 2, 525				500 250, 963		
Subcontractors	21 080	114 201	852, 786	37, 237	23, 903	224, 893		1, 050, 204	187, 768	21, 782	323, 432
Subcontractors Carpentering and wood flooring						279	10 050		140, 809		823, 432
Carpentering and wood flooring Concreting	800			54,737			12,980		38,908		
Plastering and lathing	18, 397	73, 435		2, 500	9,000		10, 595	1, 127	4,500	21,603	
Roofing and sheet-metal work								48, 655			
Sheet-motal work			790 800					44, 065	77		
Stonework	1 000	10 010	120,000						924	170	
Ornamental Iron	1,892	13,010			14,903			1,000,422			
Highway Metal work, n. c. s			122, 887			224, 614					
Flooring, n. e. s		27, 750					5, 250		2, 500		
RICHMOND BOROUGH	4, 381	17,970	6, 338	4,674	143	600	9, 948		98, 082	6, 168	28, 092
General contractors	4, 181	17, 170 17, 095	6, 338	4, 674 520	143	600 600	9,948		98, 082 78, 820	6, 168 6, 168	28, 092 27, 817 20, 900 6, 917
Building Building not specialized Residential building only	2, 637 1, 112	8,400	2, 496 1, 000				2, 054		46,000	3,200	20, 900
Street paving Dam and reservoir	1,525	8, 695	1, 496 3, 842	3, 804			1, 684 7, 314		32, 820 10, 838		
Dam and reservoir	44				143				1, 713		
Waterworks. Dredging, river, harbor, etc Refuse disposal plant		75		350					4, 716 1, 210		975
Subcontractors		800		000					1, 210		
Marble and tiling	200	800	*• <i>**</i> **********	÷							····
		and An an An			an an Araga An Araga		19	n di se Se suit	· · · · · · · · ·		
ROCHESTER	40, 160	92, 372	579, 084	258, 738	19,453	24, 679	31, 716	151, 428	488, 806	28, 562	3 589, 751
General contractors	31,984 31,806	75, 591 75, 591	405, 510 391, 268	256, 972 166, 657	12,706	16, 884 10, 884	25, 307 25, 307	118,879 118,879	415, 585 396, 326	27,019 27,019	538, 544 538, 544
Building not specialized Commercial building only	31,661	74,011	390, 187	166, 522	4,867 4,867	10, 884	25,067	118,472	336.341	25,799	497.277
Residential building only	145	1,580	1,081 7,495	135 27, 665		2, 431	240	407	8,000 51,985	500 720	8,000 33,267
Highway. Bridge and culvert			7,495	27,665 5,051	5,447 546				4,695 278		
Street paving Sewer, gas, water, conduit	178		2, 241	57,599	1,846				12,286 2,000		
Subcontractors	8,176	10 701	179 204	1 100	0 747	7 705	a 400	20 540		1,543	51, 207
Oarpentering and wood flooring	6,170	16, 781	173, 524	1,766	6,747	7,705 4,979	6,409	32, 549	73,221 71,971	1,500	51,207
Electrical Masonry Plastering and lathing	7,679	1,490 15,000	9,062	1,000 766	6,747	422	1, 416		1,000 150	- 18	
Roofing and sheet-metal work		15,000	1,500 1,500			1,000			100	25	
Roofing Steel erection			1,500 162,962			1,000 140	1,643	17,266	- 100	25	
Marble and tiling. Ornamental iron	497	291				1, 254	3, 350	15, 283			
SYRAOUSE	27, 621	65, 646	2 473, 139	58, 631	6, 736	108, 930	47, 588	10, 283 97, 090	276, 230	2, 000	69, 629
General contractors	12,250	25,969	62,666	48, 568	6, 611		20,650	13,000	262, 374	2,000	69, 62
Building. Building not specialized	11,191 11,191	25,969 25,969	49, 858 49, 858	7, 248 7, 248		27, 249 27, 105 24, 605	20, 650 20, 300	13,000 12,200	223, 903 209, 903	2, 000	68, 886 61, 886
Residential building only		20,000				2,500	20, 300 350	800	14,000	2,000	7,000
Highway Bridge and culvert	59		3, 641 4, 500	27,975 3,100	608				9, 574 3, 200		748
Street paving Sewer, gas, water, conduit			4, 667	10, 245	2, 203 3, 710				482 25, 215		ولوأبولير بدغانة مالانديا والاروليات تدعين
Waterworks	1,000		· · · · · · · · · · · · · · · · · · ·								L

See footnotes at end of table.

 A second sec second sec

al to set i

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Lime	Plaster, etc.	Structural steel	Reinforc- ing steel	Cast iron, miscella- neous, ex- cluding pipe	Metal doors, windows, and trim	Metal and wire lath and fur- ring	Orna- mental metal work	Lumber, rough and fin- ished	Laths, shingles, and shakes	Millwork
SYRACUSE-Continued											
Subcontractors	\$15, 371	\$39, 677	\$410, 473	\$5,063	\$125	\$81,681	\$26, 933	\$84,090	\$13, 856 3, 387		
Concreting				4, 582	125				469		
Masonry	720							÷÷			
Plastering and lathing Roofing and sheet-metal work Roofing									10,000		
Steel erection			360,636							بالاستناخات والمساور	
Marble and tiling	651	677					933				
Metal work, n. e. s			49, 837			81, 681					
UTICA	7, 229	15,714	<sup>2</sup> 319, 951	110, 462	10, 187	20, 722	7,057	29, 772	133, 770	\$6, 390	\$58, 752
General contractors Building Building not specialized Commercial building only	5,929 3,879	$13,714 \\ 13,714 \\ 13,014 \\ 700$	116,070 93,660 88,660 1,000	110, 462 51, 717 51, 717	8,500 1,500 1,500	20, 722 20, 722 20, 722	7,057 7,057 6,757 300	18, 766 18, 766 18, 760	$125,000 \\ 124,750 \\ 113,156 \\ 1,594$	6, 390 6, 390 6, 390	
Residential building only Highway Street paving	1,800	,	4,000 22,410	20, 745 38, 000					10,000 250		2,800
Subcontractors. Carpentering and wood flooring	1,300	2,000	203, 881		1, 087				8 770		
Steel erection			203, 881		1,500			1,800			
Marble and tiling	800										
Excavating Ornamental iron	500	2,000			187			9,206			•
<ul> <li>A second s</li></ul>	1971 C	11 000	65, 720	6, 077	7, 875	8, 845	8, 446	54. 354	109, 383		
YONKERS	22, 486	11,832			1,810			04, 302		· · · · · · · · · · · · · · · · · · ·	
Operative builders	100	900	1,600	50		1,800	1,200		4, 500		11,00
Jeneral contractors	21,536 21,336 19,353	$10,632 \\ 10,632 \\ 8,832$	5, 715 3, 200 2, 200	5, 027 033 983	- <b>4,</b> 975 100	7,045 6,985 6,085	2, 246 2, 246 646	1,054 1,054 1,054	46, 587 30, 232 18, 110	4,431 4,431 1,601	62, 22 61, 22 50, 67
Building not specialized Residential building only Highway	1	1,800	1,000	4,091	$\begin{array}{r}100\\1,429\end{array}$	900	1,600		12, 122	2, 880	10, 550
Sewer, gas, water, conduit	200		2, 515		3, 446	60			16, 355		1,00
Sawer, gas, water, conduit Subcontractors. Oarpentering and wood flooring	850	300	58, 405	1,000	3,000				11,800		
Concreting									44,236		
Steel erection					3,000			50,000			
Excavating	· · · 000	300		1 000					2,000		

See footnotes at end of table.

n anna à stàitean ann A anna à stàitean an

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Com- position board	Water- proofing materials	Hardware, rough and finished	Paints, varnishes, and glass	Roofing and sheet metal	Finished flooring, n. e. s.	Screens, shades, awnings, etc.	Heating and ventilating equipment	Plumbing and gas fitting equipment	Electrical appliances and supplies	Elevators, dumb- waiters, etc.
NEW YORK	\$690, 778	\$1, 108, 643	\$2, 762, 702	\$5, 376, 248	\$8, 642, 990	\$1, 620, 284	\$208, 507	14828,472,776	14 \$29,440,789	2 817,843,937	\$15, 645, 298
Operative builders	4, 333	13, 220	42,080	42,002	47, 854	18, 200	7,883	63, 603	39, 177	57, 160	10, 500
deneral contractors	351, 663	475,001	2, 306, 597	707.065	600, 104	357.133	83, 862	514, 101	701, 230	755, 991	31, 660
deneral contractors. Building. Commercial building only. Manufacturing building only. Residential building only. Highway. Bridge and culvert. Grading. Street paving. Street paving. Dam and reservoir. Waterworks. Dredging, river, harbor, etc. Railroad. Foundation.	345, 825	475,001 142,602 122,051	2, 306, 597 1, 498, 931 1, 173, 661	707,065	584,061	357, 133 341, 140	83,862	514, 101 482, 167 311, 322	701, 230 429, 892 220, 679	284, 382 200, 440	30, 364
Commercial building only	6, 103	122,051	1, 173, 661	462, 483 32, 704	449,860 4,100	246, 694 7, 593	44, 323	15,000	220, 679	14, 829	24,119 6,000
Manufacturing building only	428	120	92, 576 1, 601 231, 093	113	] 3,996		05 188			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	245
Highway	63,740	14,963 24,761	231,093 76,429	139, 175 3, 900	126, 105 2, 134	86, 853 821	35,477	155, 845 2, 300	193, 521 4, 142	69, 113 1, 392 7, 387	245
Bridge and culvert	600	6, 358	30, 635	3,900 3,705	410	14, 172			1,832	7, 387	
Street naving	4,290	4,690	103 25, 181	256 5, 923	300	165	3, 400	6, 500	2,829	625 72, 184	100
Sewer, gas, water, conduit		18,660	37,419	31, 630	2,915 1,172	270		1, 762	2, 829 39, 743 7, 773	3,065	
Waterworks	48	1, 784 4, 945	20, 815 28, 511	4, 262 7, 102	3,611	2/0	562	12 8, 216	152,473	15,000 31,085	109
Dredging, river, harbor, etc			121,020	4,770	425				152, 473 160		
Foundation		160	29,012 1,050	3,721 200	3, 036					9,575 150	
Central station light and nower		1	1						10,000	170 400	* <u>:</u>
Refuse disposal plant Subway (other than buildings) Radio tower, etc		1,200	350 691	416				5, 388 7, 756	18, 820 998	176, 400 7, 635	1, 187
Subway (other than buildings)		269, 044	407, 560	5, 793 732	1, 851 189				42, 026	147, 111	
Radio Lower, etc			28,890	732		-565		22, 895, 072		17 020 700	
Carpentering and woodflooring	63, 782	620,422 3,100	414,025 142,963	4, 627, 181 72, 358 12, 201	7, 995, 032 7, 469	1, 244, 951 34, 394	114, 762 2, 276	22, 895, 072	28, 700, 362 4, 350	17, 030, 786 4, 206	15, 603, 138 350
Concreting.		188, 612	54,717	12, 201					4, 350 30, 868 22, 550	4, 206 8, 393	
Subcontractors Carpentering and woodflooring Concreting Electrical Elevator construction		211	8, 516 1, 113	1, 240 374	1,000			709, 358		16, 858, 977 5, 000	14, 750 15, 572, 737 950
Heating and plumbing	19, 150	451	18,059	21,933	1,015,128	2, 625	25	21, 734, 173	28, 625, 267 1, 239, 390	102, 481 13, 856	950
Pipe covering	5,859		6, 127	2, 110	781, 849 13, 000			15, 213, 088 793, 498	1, 239, 390	13, 856	
Plumbing	225	451	11,899	19, 323	190, 757	2, 625	25	4, 638, 547 806, 631	25, 151, 537	85, 922	
Automatic temperature control			33	500	29, 722			806, 631 282, 400	1, 109, 796	2, 230	950
Elevator construction Heating and plumbing Pipe covering Plumbing Plumbing and heating combined. Automatic temperature control. Automatic sprinkler systems. Masonry. Painting and decorating Glass and glazing Plastering and lathing. Roofing and sheet metal work. Roofing and sheet metal com- bined. Steel erection								89	1, 124, 544	473	
Painting and decorating	17,018	3, 299 5, 764	1,875	1, 013 3, 205, 416	610	266	40,926		600	800	2, 800
Glass and glazing				1, 193, 166 1, 700			723				
Plastering and lathing	56 245	924 407, 297	3, 265 24, 543	1,700 20,174	6 013 400	14, 581	11, 167	401, 360	4, 210	2, 216	
Roofing	35, 884	374, 363	14, 551	8, 815 3, 419	6, 913, 409 3, 362, 686 1, 936, 534	1, 640	1 00	47.600			
Roofing and sheet metal com-	2, 468	16, 277	2, 465	3, 419	1, 936, 534		4, 566	302, 899	4, 210	2,000	
bined	17, 893	16, 657	7, 527	7, 940	1, 614, 279	12, 941	6, 513	50, 861		216	
Steel erection		5, 520 10	35, 454 150	36, 236 8, 101	39, 198			92	5,700	32, 581	225
Stonework Marble and tiling Wrecking	1, 206	549	8, 391	3, 282	3, 606	156, 889			6, 597	1, 378	
Wrecking Excepting		176	245	280 125	840					1 904	
Excavating Ornamental iron Highway	65	652	59, 121	8, 634		1,655				1, 394	962
Highway			1.084	4, 700							
Dredging, river, harbor, etc			2, 094	4, 250	13, 457					12, 904	
Soundproofing	170, 937	46	36, 699								
Grading Dredging, river, harbor, etc Soundproofing Foundation Metal work, n. e. s Flooring, n. e. s	514	3, 811	4,611	2, 193		1, 034, 541	00,010				10, 364
Flooring, n. e. s	2, 793		2, 759	29, 805		1,034,541					
ALBANY	10, 353	1, 282	17, 119	87, 464	108, 486	35, 423	850	14 481, 203	168, 663	143, 407	
General contractors	10, 353	1, 133	16,035	10, 536	15,621	2, 446	850	4, 500	7 615	82, 265	
Building	6, 853	1, 133 833	16,035	8,610	15, 621	2, 446 2, 446	850	4,500	7, 615 5, 000	1,700	
Building Building not specialized Commercial building only	6, 853	833	9,335 5,000	5, 610	13, 121	2, 446	550			200	
Residential building only		300	1,700	3,000	2, 500		300	4, 500	5, 000	1, 500	
Street paving Central station, light and power	3, 500			1, 926					2, 615	165	
nlant										80, 400	
Subcontractors		149	1,084	76, 928	92, 865	32, 977		476, 703	161, 048	61, 142	
Subcontractors. Electrical. Heating and plumbing. Plumbing. Plumbing. Automatic temperature control. Painting and decorating. Roofing and sheet-metal work				1, 500	1, 493			476, 703	161, 048	58,142	
Heating and piping				1,500	1, 000			385.576	10,000	3,000	
Plumbing					493			12, 956 14, 203 63, 968	161 040		
Automatic temperature control								63, 968	101, 018		
Painting and decorating		140		75, 428	91, 372						
Roofing and sheet-metal work Roofing Roofing and sheet metal com- bined					13, 800						
Booling and sheet metal com-		149			77, 572						
bined Grading Flooring, n. e. s			1, 084								
ricoring, n. e. s.						32, 977					
	00 680	49, 303	205, 425	302, 891	973, 448	162, 625	22, 377	2 1, 215, 813	1, 127, 020	2 1, 672, 947	1,852,658
BUFFALO	99, 553		100 010	79,698	120, 819	22, 200 22, 200	5, 264	77, 114 75, 814	88, 350 80, 350 31, 000	109, 192 37, 901	900
BUFFALO	25, 930	13, 802	160, 018		118, 419	22 200	5, 264	75 814	80 350 İ	37, 901	900
BUFFALO	25, 930	$     \begin{array}{r}       13,802 \\       2,540 \\       2 278     \end{array} $	149,643	48, 595	04 462	22 200	3 914	30, 814	31,000	91 001	900
BUFFALO General contractors Building Building not specialized Commercial building only	25, 930 25, 930 24, 912	2, 540 2, 276	149, 643 133, 892	48, 595 18, 062	94, 463	22, 200	3, 214	30, 814	31,000 2,850	21, 901	900
BUFFALO General contractors Building Building not specialized Commercial building only Manufacturing building only	25, 930 25, 930 24, 912 68	2, 540 2, 276 120	149, 643 133, 892 659	48, 595 18, 062 113	94, 463 3, 996	22, 200	3, 214	30, 814	2, 850	21, 901	
BUFFALO General contractors. Building not specialized Commercial building only. Manufacturing building only. Residential building only. Highway.	25, 930 25, 930 24, 912 68 950	2, 540 2, 276 120 150 7, 050	149, 643 133, 892 	48, 595 18, 062 113 30, 420 100	94, 463	22, 200	3, 214 2, 050	30, 814 45, 000	81,000 2,850 46,500	21, 901 16, 000 500	
BUFFALO Building Building not specialized Commercial building only Manufacturing building only Residential building only Highway Bridge and culvert.	25, 930 25, 930 24, 912 68 950	2, 540 2, 276 120 150 7, 050 53	149, 643 133, 892 659 15, 092 5, 000 745	48, 595 18, 062 113 30, 420	94, 463 3, 996 19, 960	22, 200	3, 214 2, 050	30, 814	2, 850	21, 901 16, 000 500	
BUFFALO General contractors. Building not specialized Commercial building only. Manufacturing building only. Residential building only. Highway.	25, 930 25, 930 24, 912 68 950	2, 540 2, 276 120 150 7, 050	149, 643 133, 892 	48, 595 18, 062 113 30, 420 100	94, 463 3, 996 19, 960	22, 200	3, 214 2, 050	30, 814	2, 850	21, 901 16, 000 500 67, 791	

See footnotes at end of table.

.

# TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Com- position board	Water- proofing materials	Hardware, rough and finished	Paints, varnishes, and glass	Roofing and sheet metal	Finished flooring, n, e. s.	Screens, shades, awnings, etc.	Heating and ventilating equipment	Plumbing and gas fitting equipment	Electrical appliances and supplies	Elevators, dumb- waiters, etc.
BUFFALO-Continued											· · · · · · · · · · · · · · · · · · ·
Subcontractors	\$73, 623 51, 195	\$35, 501 20, 377	\$45, 407 21, 994	\$222, 693 7, 511	\$852, 629	\$140, 425		\$1, 138, 699	\$1, 038, 670	\$1, 563, 755	\$1, 851, 758
Electrical Elevator construction				 F/)=				1 070 000	1 090 560		1, 839, 482 950
Heating and piping Pipe covering	200				25,000			1, 078, 808 787, 046 15, 498	1, 032, 750 134, 200	4, 554	
Plumbing Plumbing and heating combined	200		300	505		600		225, 698 9, 526	792, 053 18, 000	5, 497	950
Automatic sprinkler systems			47					41,040	88, 497	473	
Painting and decorating Glass and glazing		2, 764		161, 367 35, 000					******		
Concreting Electrical Elevator construction	21, 149 6, 168	6, 840 20	2, 849 210 033	4,861 2,041 2,220	787, 605 448, 509 138, 287	12,941	88 88	59, 89 <b>1</b> 12, 306		216	
Roofing and sheet metal com- bined	14, 981	6,820	2,000	600	200, 809	12,941		47, 525		216	
Rooting and sheet metal com- bined Steel erection		5, 520	9, 909 1, 238 245	7,800 280	38, 959 840				5,700	216 32, 317	
Excavating Ornamental iron	65		248 75 4, 139	280 125	225	1, 655			220		962
Highway Metal work, n. e. s. Flooring, n. e. s.	514		4, 011	4, 500 744			17.025				10, 364
					4, 582, 018	125, 229		2 16, 467, 873			
NEW YORK CITY Derative builders	323, 286 940	872, 597	1, 628, 487 29, 150	3, 859, 455 32, 197	32, 354	986, 286 8, 739	4, 253	50, 403	27, 144	51, 119	10,000
leneral contractors	113, 593 113, 593	352, 457 52, 659 43, 690	$\substack{1,\ 200,\ 153\\025,\ 302\\455,\ 027}$	182, 889 162, 029	147, 159 138, 222	92, 680 79, 115	12, 244 12, 244	210, 785 189, 425	196, 630 115, 611	429, 045 133, 567	14, 618 13, 322
Jeneral contractors. Building. Gommercial building only. Manufacturing building only. Residential building only. Highway. Bridge and culvert. Grading. Street paving. Sewer, gas, water, conduit. Dam and reservoir. Waterworks. Dredging, river, harbor, etc. Railroad. Foundation.	91, 720 4, 015	43, 690 5, 257	80,001	162, 029 95, 773 29, 548	77, 602 1, 100	48, 434 7, 593	12, 244 7, 101	142, 367 10, 000	86, 958 12, 270	109, 368 7, 320	14, 618 13, 322 10, 677 2, 500
Manufacturing building only Residential building only	360 17, 498	3,712 9 163	942 89, 332 5, 622	36, 708	59, 520	23, 088	5, 143	37, 058	66, 383	16, 879	245
Bridge and culvert Grading		1, 318 265	26, 844 103	615 31					542	5, 419 275	109
Street paving Sewer, gas, water, conduit		4, 348 14, 300	5, 701 27, 209 500						214 3, 101	4, 228	103
Waterworks Dredging, river, harbor, etc			23, 484 116, 835	4,602 4,570 3,721	3, 436 425			8, 216	15, 158 160		
Railroad Foundation		160	29, 012 1, 050	3, 721 200	3, 036					9, 575 150	
Kaliroad. Foundation Central station, light and power plant. Refuse disposal plant Subway (other than bulldings) Radio tower, etc		i, 200-	350 691	416				5, 388 7, 756	18, 820 998	90, 000 7, 635 147, 111	1, 187
Subway (other than buildings)		269, 044	407, 560 28, 890	5, 973 732	1, 851 189	565			42, 026		
ubcontractors. Carpentering and wood flooring	208, 753 8, 156	510, 140 100	300, 184 101, 741	3, 644, 369 54, 623	4, 409, 505 6, 200	883, 867 9, 305	91, 007 200	16, 206, 685	22, 147, 749 4, 350 30, 868	12, 804, 989 4, 206 8, 893	13, 637, 917 350
Electrical		167,985 211	54, 213 6, 216 1, 113	11,962 620 374	1,000			648, 583 50, 000	300	12,748,560	14,750 13,620,017
Heating and plumbing Heating and plumbing Pipe covering Plumbing	5, 884 5, 859	451	1, 153 500	8, 528 500	748, 821 687, 797	2, 025	25	15, 242, 675 11, 379, 877	22, 102, 396 184, 287	20, 590	
Pipe covering Plumbing Plumbing and heating combined	25	451	620 33	8, 028	55, 706 4, 818	2, 025	25	657, 847 2, 845, 783 181, 767	20, 594, 005 373, 991	13, 350 2, 230	
Automatic temperature control								177, 401	950, 113		2,800
Masonry Painting and decorating	16, 115 30	500 3, 000	192 599	2, 499, 837 979, 534	610		40, 926	26	600	300	
Glass and glazing Plastering and lathing Roofing and sheet-metal work	2, 571 5, 060	514 332, 309	3, 265 15, 704	1,700 11,462	3, 639, 917		6, 513	265, 309	4, 210	2, 000	
Roofing Sheet-metal work	3, 121 1, 939	322, 821 9, 488	9, 312	3, 599 1, 199 6, 664	1, 601, 635 1, 206, 733 831, 549		6, 513	3, 800 261, 509	4, 210	2, 000	
		9, 468 10	4,560 7,508 150	23, 962 8, 101 3, 282				92		264 1, 378	
Marble and tiling		375 176	5, 692 7, 602 54, 982	3, 282 8, 634		149, 543			5, 025	1, 094 300	
Ornamental iron Dredging, river, harbor, etc	170, 937	652	2, 094	4, 250	13, 457					12, 904	
Metal work, n. e. s Flooring, n. e. s		46 3, 811	36, 699 1, 111	27, 500		722, 994	42, 620				
BRONX BOROUGH	2, 730	48, 929	78, 260	27, 500	987, 463	218, 764	90, 548	521, 858	41 1, 552, 788	410, 541	1, 160, 632
eneral contractors	1,005	38, 427	34, 994 24, 995	3, 716 3, 516	34 34	1,492 1,492			6, 601 101	19, 581 2, 021 1, 696	
Building Building not specialized Residential building only	1, 005	1, 880 1, 713 167	22, 280 2, 715	8, 516	34	1, 492	1, 200		101	325	
Street paving Sewer, gas, water, conduit	·····		8, 899 750	200						4, 228 150	
Foundation Central station, light and power plant Subway (other than buildings)	· • • • • • • • • • • • • • • • • • • •		350						6, 500		

See footnotes at end of table.

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

						-					
CLASSIFICATION OF ESTABLISHMENTS	Com- position board	Water- proofing materials	Hardware, rough and finished	Paints, varnishes, and glass	Roofing and sheet metal	Finished flooring, n. e. s.	Screens, shades, awnings, etc.	Heating and ventilating equipment	Plumbing and gas fitting equipment	Electrical appliances and supplies	Elevators, dumb- waiters, etc.
BRONX BOROUGH-Con.					·						
BROAK BOROUGH—Con. Subcontractors	\$1, 725	\$10, 502	\$43, 266 18, 213	\$230, 735 8, 285	\$987, 429	\$217, 272	\$89, 343	\$521, 858	\$1, 546, 187 	\$390, 960	\$1, 160, 632
Concreting Electrical		600								389, 582	
Elevator construction								518.058	1. 545. 587		1, 158, 632
Heating and piping								466, 468			*******
Pipe covering								17,000	1, 531, 306		
Plumbing and heating combined								12, 418	14, 281		2 000
Masonry Painting and decorating		500		77, 227			40,779				2,000
Glass and glazing		109	156	141, 201			723				
Roofing and sheet-motal work	1, 700	9, 290	4, 331	2, 867	987, 429		5, 221	3,800			
Roofing Sheet-metal work	1,700	4,750	3,900	1,300	528, 672			3, 800			
Roofing and sheet metal combined		4, 540	4 710	1, 567	300, 102		5, 221				
Stonework		10	4, 713 150							1, 378	
Stonework Excavating Ornamental iron. Metal work, n. e. S. Flooring, n. e. S.			2, 192 12, 400	1, 155							
Metal work, n. e. s			12,100				42, 620				
Flooring, n. e. s			1, 111			217, 272		1.5			
BROOKLYN BOROUGH	24, 618	21, 719	133, 968	371, 727	801, 410	16, 760	5, 863	14 2, 830, 071	14 3, 065, 474	617, 415	2 3, 183, 280
Operative builders			3, 822	3, 260	1, 804	3,660	2,063	6, 523	10,078	5, 562	
General contractors		12.369	80, 877	20, 633	41,066	13, 100	3,800	65, 500	33, 696	8,058	2, 204
Building	16,732	11, 191	59, 993	20,433	38,030	13 100	3,800	65, 500	20, 500	8,058	2, 204 2, 095
Building Building not specialized Commercial building only Residential building only	16, 194	9,921 250	48, 682 7, 982	10, 882 2, 351 7, 200	15, 250	7,600	3, 300	58, 000			2,000
Residential building only	400	1 020	3, 329	7, 200	22, 780	4,000	500	7, 500	20, 500	8, 058	95
		1,018	91 562								
Street paving Sewer, gas, water, conduit Waterworks. Dredging, river, harbor, etc Railroad Foundation.			2,018						13, 196		
Dredging, river, harbor, etc			2, 505								
Railroad		160	15, 178	200	3.036						
		10.950	49, 269	947 094	050 540			0 759 048	9:091 700	603, 795	3, 181, 076
Subcontractors Carpentering and wood flooring Concreting	7,880	19, 350 100	49, 209 5, 219	347,834 18,911	200			2, 758, 048	3,021,700		3, 101, 010
Concreting Electrical		10,000 211		370					300	589,065	
Electrical						1					3, 180, 276
Heating and plumbing	50	80	120	1,600	8,687			2, 527, 549 1, 881, 733	3, 021, 400 96, 145	14, 730	
Plumbing.		80	120	1,600	3, 687			024, 637 21, 179	2, 888, 884	13,000 1,730	
Masonry			10					26		1, 100	800
Painting and decorating	30			276, 233 49, 357				1			
Roofing and sheet-metal work		5, 148	3,000		849, 653			230, 473			
Sheet-metal work		5, 148			212, 624			230, 473			
Roofing and sheet metal combined			3,000		295, 842						
Marble and tiling Ornamental iron			2,000 3,232								
Ornamental iron Metal work, n. e. s		3, 811	34, 722	1, 294							
MANHATTAN BOROUGH		724, 176	1, 324, 048	3, 074, 802		783, 404				≥ 10, 662, 253	]
Operative builders	69	10,000	21,402			4, 579	1, 501			مشيبت أيستعجب والمستحد والم	10.000
General contractors	76,059	240, 551	1,112,672	28,766 140,800	25,652 82,814	67, 535	3, 123	42, 335 126, 057	15,908 119,952	44, 042 322, 735 119, 838	5, 142 5, 142
Building Building not specialized	76,059	33, 094 30, 918	495, 572 365, 893	120, 856 80, 895	76, 913 54, 326	53, 970 38, 328	3, 123 2, 101	112, 453 84, 367	80, 452 36, 857	119, 838 107, 522 7, 320	2.577
Commercial building only Manufacturing building only Residential building only	3, 877	757	60, 840 942	27, 197	1, 100	6, 071		10,000	12, 270	7, 320	2, 500
Residential building only	8, 740	1,419	67, 897	12,764	21,487	9, 571	1,022	18,086	31, 325	4, 996	65
Highway Bridge and culvert		9,163	26, 753	615		13,000				5, 419	
Grading		265	103	31					542	275	
Grading Sewer, gas, water, conduit Dam and reservoir		14,300	16, 297 500						3, 101		
Waterworks Dredging, river, harbor, etc			23, 249 111, 253	4, 502 4, 570 8, 521	3,436 425			8, 216	1,962 160	31, 085	
Reilroad		1	13, 834	3, 521						9, 575	
Central station, light and power								5, 388	18, 820	90, 000	
Central station, light and power plant Subway (other than buildings) Radio tower, etc		183, 429	396, 221	5, 973 732	1,851 189	565			14, 915	66, 543	
	1	4.4	28, 890								
Subcontractors. Carpentering and woodflooring	192, 783	473, 625	189, 974 64, 389	2, 905, 236	2, 144, 927 6, 000	661, 290 4, 000	1,664 200	10, 753, 991	14; 423, 534 4; 350	10, 295, 478 4, 206	9, 296, 209 350
Concreting		150, 722	51,698	11,962					30, 868	8,393	
Electrical		<u>-</u>	5,250 1,113	250 374	1,000			147, 045 50, 000		10, 255, 155 5, 000	14,750 9,281,109
Elevator construction					1 500 000	0.005	25	10, 534, 818	14, 379, 081	5, 860	
Electrical Elevator construction Heating and plumbing	25	371	733	1,928	727, 896	2, 025	. 40	7 770 000	02 774		
Heating and piping			733 500	500	682,000			7, 772, 036 626, 847	85, 774	5, 010	
Heating and piping			733 500 200	500 1,428	682,000 41,078	2, 025	25	7, 772, 036 626, 847 1, 873, 079	85, 774	5, 010 360	
Elevator construction Heating and plumbing Plue covering Plumbing Plumbing and heating combined Automatic temperature control Automatic sprinkler systems	25	371	733 500 200 33	500	682,000			7, 772, 036 626, 847 1, 873, 079 85, 455 177, 401	85, 774	5, 010	

See footnotes at end of table.

a fost fair the second second

## TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Com- position board	Water- proofing materials	Hardware, rough and finished	Paints, varnishes, and glass	Roofing and sheet metal	Finished flooring, n. e. s.	Screens, shades, awnings, etc.	Heating and ventilating equipment	Plumbing and gas fitting equipment	Electrical appliances and supplies	Elevator dumb- waiters, etc.
MANHATTAN BOROUGH- Continued.								1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		· · · · · ·	
ubcontractors—Continued.	 ••••			1 N	-						
Masonry Painting and decorating	\$15, 615	\$3,000	\$182 599	\$2, 146, 377	\$010		\$147			\$300	
Glass and glazing Plastering and lathing Roofing and sheet-metal work	2, 546 3, 360	412	3, 109	660, 976 1, 700							
Rooting	1.421	817, 871 312, 923	7, 433 5, 412	5, 197	1, 395, 964 973, 740		1, 292	\$22, 036	\$4, 210	2, 000	
Roofing and sheetmetal combined.	1, 939	4, 948	461	100 5, 097	186, 619 235, 605		1, 292	22, 036	4, 210	2,000	
Steel erection			855	23, 030 8, 101				92		264	
Marble and tiling		375 176	2, 460 5, 500	3, 282					5, 025	1,094	
Ornamental iron Dredging, river, harbor, etc		652	7, 860 2, 094	6, 185 4, 250	13, 457					300 12,904	
Soundproofing Foundation	170, 937	46	36, 699								
Flooring, n. e. s				15,000	]	1					
QUEENS BOROUGH	23, 157 871	61, 635	80, 151	176,025	440,088	14,418	4,660	2 2, 116, 676	14 3, 070, 070	<sup>2</sup> 1, 554, 944 1, 515	\$7,2
perative builders		F4 070	· ·	15, 290	20,004	8,613	3,971	18, 128	36, 167	78, 671	
eneral contractors Building	15, 927 15, 927	54, 972 5, 904	58, 850 38, 778 15, 322	15, 290 15, 024 480	20,004 20,004 7,992	8,613	3,971 3,971 350	10, 372	14, 558	3, 050	7,2
Building not specialized Ocumercial building only	11, 439	1,138 4,250	11, 179			22		10 970	14 220	150	6,0
Ocumercial building only Residential building only Highway	4, 488	510	12, 277 5, 622	14, 544	12, 012	7, 577	3, 621	10, 372	14, 558	3, 500	
Street paving Dredging, river, harbor, etc			442 2, 153								
Dredging, river, harbor, etc Refuse disposal plant. Subway (other than buildings)		49,068	516 11, 339	266				7,750	998 20, 611	7, 635 07, 386	1, 1
	í	6, 663	17, 375	160, 564	415, 786	5, 305		2, 097, 003	3, 032, 835	1, 474, 758	
ibcontractors Carpentering and woodflooring Concreting	50	6, 663	13, 920 2, 515	10, 803							
				5,000	8, 915			501, 538 1, 586, 465	3, 032, 835 2, 368	1, 474, 758	
Heating and piping Pipe covering	5, 809				797			1, 259, 640 14, 000 293, 825		en an en el el el el el el el el el el el el el	2
Bectrical Heating and plumbing Plope covering Plumbing Plumbing and heating combined Mesonry				5,000	8,118			293, 825 19, 000	3, 008, 267 22, 200		
Assonry- Glass and glazing Roofing and sheet-metal work Sheet-metal work	500										
Roofing and sheet-metal work			940	128, 000 3, 398 2, 299	406, 871 256, 616			9,000			
Sheet-metal work			940	1,099	150, 255			9,000			
Flooring, n. e. s				12, 500							
RICHMOND BOROUGH	8, 870	6, 138	12, 060	2,450	6,064	1,940	150 150	76,885	123, 707 214		
eneral contractorsBuilding	3, 870 3, 870	6, 138 590	$     \begin{array}{r}       11,760 \\       5,964     \end{array} $	2, 450 2, 200	3, 241 3, 241	1,940 1,940	150	1,100			
Building not specialized Residential building only Street paving	3, 870	590	2, 850 3, 114	2, 200	3, 241	1,940	150	1,100			
Street paving		4, 348	4, 697	100							
Waterworks Dredging, river, harbor, etc Refuse disposal plant		1, 200	924 175	150							
1bcontractors			300		2, 823			75, 785	123, 493	40,000	
Electrical Heating and plumbing			300		2, 823 2, 823			75, 785	123, 493	40, 000	
Plumbing Plumbing and heating combined			300		2, 823			32, 070 43, 715	79, 633 43, 860		
		н									
ROCHESTER	37, 803	29,001	129, 692	234, 185	301, 313 9, 800	50, 684 2, 294	4, 516	410,985	620, 758	2 701, 382	14, 2
Building	29, 379 29, 379	9, 584 8, 767	100, 615 93, 879	155,003 153,663 148,835	9,800 8,100	2,294 1,812	3,490 1,603	14,972 4,212	50, 078 38, 403	17, 133 9, 652	
Building not specialized Commercial building only	24, 089 500	8, 592	03, 879 83, 783 1, 700 8, 396	4,828	1,700	482	1,887	10,760	11,675	7,481	
Residential building only	4, 790	175 291	4,736	4,040					141		
Bridge and culvert Street paving		526	2,000	1,400							
ibcontractors	8, 424	19, 417	29,077	79,122	291, 513	48,340	1,028	896, 013	570, 539	684,249	14, 2
Carpentering and woodflooring	2, 249	3,000	12, 164 500	1,500 500		19,540	1,026	56,675	12, 250	684, 249	14,0
Elevator construction Heating and plumbing				50	20,000			338, 338 215, 702	558,289		14,0
Heating and piping Pipe covering Plumbing					13,000			35,000			
_ Automatic sprinkler systems				50	7,000			87,636	85,934		
Masonry Painting and decorating	175	125		61,938							
Glass and glazing Roofing and sheet-metal work	6,000	16, 257	4,000 4,000	12,000 2,000 2,000	271, 513			1,000			
Roofing Sheet-metal work	8,000	16, 257 10, 000 6, 257	4,000	2,000	134,106 123,407						
		-1			,			i			
Roofing and sheet metal com- bined			12, 134	1, 134	14,000						22

,

## TABLE 11.-COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929-Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISHMENTS	Com- position board	Water- proofing materials	Hardware, rough and finished	Paints, varnishes, and glass	Roofing and sheet metal	Finished flooring, n. e. s.	Screens, shades, awnings, etc.	Heating and ventilating equipment	Plumbing and gas fitting equipment	Electrical appliances and supplies	Elevators, dumb- waiters, etc.
SYRACUSE	\$26, 959	\$13, 210	846, 136	\$53, 215	2 \$364, 626	\$52, 561	\$2,000	1 \$443, 580	2 \$514, 832	2 \$402, 254	
General contractors. Building Building not specialized Residential building only. Highway	7,700 7,700 5,200 2,500	6,701 3,101 3,101	45,485 40,883 37,383 3,500 3,472	28, 960 28, 428 28, 428 28, 428	28, 642 28, 229 28, 229 28, 229 413	19,837 19,837 19,837 19,837	2,000 2,000 1,000 1,000	4, 200 4, 200 4, 200	5, 600 5, 600 5, 600	4,000 4,000 4,000	
General contractors. Building not specialized Residential building only Highway. Bridge and culvert Street paving Sewer, gas, water, conduit Waterworks.		3,000 	370 760	312							
Subcontractors Carpentering and woodflooring Electrical	19, 259 153	6,509	651	24, 255 2, 368	335, 984	32, 724 5, 549		439, 380 2, 000	509, 232	398, 254 342, 254	
Subcontractors Carpentering and woodflooring Electrical. Heating and plumbing Plumbing Plumbing and heating combined. Painting and decorating Class and glazing				10 10	6,000 6,000			2,000 397,380 160,529 182,851 54,000	509, 232 17, 306 411, 884 80, 042	56,000 56,000	
Painting and decorating Glass and glazing Roofing and sheet-metal work Roofing	18,730 18,730	6,500 6,500			327,984 148,361	1,640 1,640		40,000 40,000			
Painting and decorating Roofing and sheet-metal work Roofing Sheet-metal work Marble and tiling Motal work, n. e. s Flooring, n. e. s	376	9	651	1,449	179,623 2,000	4,974					
UTICA	9, 118	9, 047	16,000	84, 444	130, 368	19, 860	1,000	150, 130	187, 892	42, 481	\$31, 116
General contractors Building Building not specialized Commercial building only Residential building only	9,118 9,118 9,118 9,118	6, 547 6, 547 6, 047	15, 432 15, 432 14, 132 300	18, 617 18, 617 17, 817	22, 521 22, 521 21, 121 400	19, 860 19, 860 19, 399	· 1,000 1,000 900	4,000 4,000 2,000	3, 703 3, 703 203	15,000 15,000 12,000	6,878 6,878 6,878
Residential building only		500	1,000	800	1,000 107,847	461	100	2,000	3, 500	3,000	
Carpentering and woodflooring			568	1,869	107,847			146, 130	134, 189	27, 481 27, 481	24,238
Subcontractors. Carpentering and woodflooring Electrical. Elevator construction. Heating and plumbing Heating and piping. Plumbing and heating combined. Painting and decorating. Roofing					7,767 4,826 2,941			146, 130 123, 930 12, 000 10, 200	$184, 189 \\108, 260 \\15, 000 \\10, 000 $		
Painting and decorating		2, 500		13, 958	2, 941			10, 200	10,929		
YONKERS	15, 697	6, 100	15, 074	40, 037	\$ 169, 770	5, 541	1, 648	2 383, 722	² 191, 881	2 139, 535	650
Operative builders	300	100	1,400	800	6,000	2,000	1,000	4,000	2,000	800	200
General contractors. Building Building not specialized Commercial building only. Residential building only.	2, 331 2, 331 1, 021	1,000 1,000 850	11, 874 5, 745 4, 345	4,084 3,454 3,229	715 200	3, 541 3, 541 291	648 648 648	5,645 5,183 3,583	6,042 5,200 3,400	3, 593 3, 528 2, 500 828	450 450 450
Residential building only Highway Sewer, gas, water, conduit	1,310	150	1,400 1,324	225	200			1,600	1,800	200	
Bubcontractors	10.000	5,000	4,805 1,800	630 35, 153 120	515 163, 055			462 374, 077	842 183,839	65 135,142	
Heating and plumbing	13,066		1,800					2, 100 371, 977 371, 977	183, 839 129, 639		
Electrical. Heating and plumbing Heating and piping Pipe covering Plumbing. Painting and decorating Glass and glazing.	13,066			25, 441 8, 000					54, 200		
Roofing and sheet-metal work Roofing and sheet-metal work Sheet-metal work Roofing and sheet metal com-		5,000 5,000			86, 275 49, 269						
binedSteel erection Excavating				1, 592	27, 511						

## TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISH- MENTS	Pipe: Drain tile, vitrified,	Pipe: Cast	Wire						Ohenet					1
. 4.	concrete, etc.	iron, sheet and tube steel, etc.	cable, guards, and fencing	Bitumi- mous paving materials	Wood piling and timber	Ready mixed concrete	Machin- ery	Freight, hauling, or truck- ing to job	Chemi- cals, and chemi- cal prod- ucts	Metal prod- ucts, n. e. s.	Mineral products (nonme- tallic) n. e. s.	Sealing mate- rials	Textiles and calking mate- rials	Miscel- laneous 19
NEW YORK	\$2, 518, 234	\$4, 937, 100	8462, 764	\$2, 693, 422	\$820, 952	\$378, 115	\$728, 492	\$376, 503	\$13, 669	\$589, 020	\$268, 423	\$81, 620	\$28, 519	\$2, 275, 743
Operative builders	2, 031	1, 700		2, 300				. 416		5, 843			795	12,910
General contractors	2, 294, 027	2, 891, 829	226, 137	2, 571, 347	820, 952	350, 809	675, 309	332, 675	4,960	390, 117	199, 927	69, 524	14, 645	1, 917, 165
Building Building not specialized Commercial building only	102, 076 86, 346	58,419 27,147 20,822	26, 539 23, 265 742	58, 700 58, 586 114	100, 115 100, 115	100, 320 97, 050	128, 461 128, 461	34, 818 30, 846 1, 020	3, 310 3, 310	82, 348 73, 325 8, 186 837	100, 034 96, 534		1,974 1,974	801, 524 769, 427
Residential building only	15, 730 348, 830	4, 450 183, 774	2, 532 141, 524	645, 142	1, 750	8, 270 35, 509		2, 952 128, 539	395	8, 186 837	3, 500			6, 167 25, 930
Highway Bridge and culvert Grading	23, 971 21, 075	50, 485 576	5, 534	18, 329 25, 304	40, 899		4,005	8,806		245, 469	2, 054 2, 768		900	260, 250 250, 609
Street paving	230, 171 1, 226, 915	90, 459 353, 627	8, 038 7, 211	1,622,548 159,110	500	5, 069 62, 224		44, 489 101, 484	255 1,000	500	61, 954	455 550	31 5, 712	2,499 180,396 119,603
Dam and reservoir	66, 425	80, 617 1, 569, 139	4, 000 918	10, 000 16, 513	120		542, 843					11 054		4, 400 94, 966
Waterworks Dredging, river, harbor, etc Railroad	124, 476 5, 478	29, 284 2, 830	5, 744 12, 080	3, 060	595, 583 81, 985	20, 255		3, 539		42,600 3,510		400	$3,161 \\ 2,867$	45, 781 60, 070
Central station, light and pow-				4, 000										
er plant	2, 500	80, 000 2, 900		2, 000										4,000
Refuse disposal plant. Subway (other than buildings)	142, 110	352 433, 367	10, 751	6, 641		127, 432		11,000		24, 690	33, 117	50, 163		93,067
Subcontractors	222, 176	2, 043, 571	236, 627	119, 775		27, 306	53, 183	43, 412	8,709	184,060	68, 406	12, 096	13,079	345,668
Carpentering and woodflooring. Concreting.	400 564	4, 952	2, 011	3, 697		9, 269	5, 282	1, 790						17, 645 43, 481
Electrical Elevator construction	500	274, 950 2, 000	122,000 7,500				10,000 28,710 8,341							
Heating and plumbing Heating and piping	150, 265 31, 090	1,170,157421,965	536 59	100			8, 341 8, 341	100						18, 397 3, 656
Plumbing and heating com-	76, 947	652, 768	477	50				166						9,459
binedAutomatic sprinkler systems	42, 228 3, 238	74, 654 20, 770		50										5, 282
Masonry	3, 288	1, 757						2, 698			1, 303	18 8, 800		84,669 1,000 3,574
Roofing and sheet-metal work.	1,835 1,835	1, 442	100	41, 562 35, 222				802 340		5, 536	21, 669 1, 150	1, 687 1, 591	1, 520	9, 593
Roofing	1,835	350	100	85, 222				225		5, 104	1, 150	1, 591	174	1, 796 2, 507
Roofing and sheet metal com- bined Steel erection	18, 272	1,092 51,720	8,018	6, 340 70, 655				115		432 27, 171				5, 290 12, 159
Stonework		01, 720		409				18,500 13,879 1,182	121	114, 640	42, 411		2, 231	57, 740
Marble and tiling Excavating Ornamental iron Highway Grading Watawayaka	40, 989	47, 461 46, 200 210, 620	1, 150 7, 653			5, 407	850							486 800
Highway	5, 963	210, 620	3,043	3, 352										312
Waterworks		20, 047 18												
Soundproofing		212.247				12, 630		4. 555					9, 154	72, 181 10, 331
Grading.         Waterworks.         Dredging, river, harbor, etc.         Soundproofing.         Foundation.         Metal work, n. e. s.         Flooring, n. e. s.			80,000							33, 614				10, 331 13, 300
ALBANY	20, 533	19, 420	1,087	99, 700		5, 089				432				12,774
General contractors	16, 200 710	2, 161 300		99, 700		5, 069						!		12,774 4,145
Residential building only	310 400	300												4, 145
Street paving	15, 490	1,861	1.007	99, 700		5, 069		-		432	•••••			8, 629
Heating and plumbing	4, 333 4, 183 1, 000	17, 259												
Heating and piping Piumbing Roofing and sheet-metal work	3, 183	12,000 - 4,167 -								720	********			
Rooning and suest metal com-		1,092								432 432				
binedGrading	150	1, 092	1,087							+02				
BUFFALO	183, 777	232, 205	28, 855	196, 293	113, 677			36, 772	3, 090	15, 983	7, 885	550	2,433	46, 506
Operative builders														
	149, 367	43, 715	19, 153	124, 631	113, 677			18, 272	3,090	15, 983	3, 399	550	2, 433	36, 745
General contractors	2.559	700	1, 658 1, 658	1, 715 1, 715	95, 474 - 95, 474 -			6, 974 6, 974	3, 090 3, 090	2, 070 2, 070	3, 399  - 3, 399  -			22, 034 22, 034
Building Building not specialized	2, 559 2, 329	700	x, 000 j											
Building Building not specialized Residential building only Highway	2, 329 230 63, 986	29, 837	16, 983	4, 039										11, 376
Building Building not specialized Residential building only	230							11, 298				550	31 479	11, 376 122 1, 698 756

.

÷ ...

## TABLE 11.-COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929-Continued

[See note at head of this table]

CLASSIFICATION OF ESTABLISH- MENTS	Pipe: Drain tile, vitrified, concrete, etc.	Pipe: Cast iron, sheet and tube steel, etc.	Wire cable, guards, and fencing	Bitumi- mous paving materials	Wood piling and timber	Ready mixed concrete	Machin- ery	Freight, hauling, or truck- ing to job	Chemi- cals, and chemi- cal prod- ucts	Metal prod- ucts, n. e. s.	Mineral products (nonme- tallic) n. e. s.	Sealing mate- rials	Textiles and calking mate- rials	Miccol
BUFFALO—Continued. Subcontractors Concreting	\$34, 410 285	\$188, 490	\$9, 702	\$71, 662				\$18, 500			\$4, 486			\$9, 761
Concreting Electrical	285		4 200	30										
Electrical Heating and plumbing Heating and piping	10, 267	4,000 95,790												1,055
Plumbing	4, 200 6, 767	52, 386 14, 634												
bined		8,000												
Masonry		20,770									1, 303			
Roofing and sheet-metal work				972 972							1,150			5, 176
Plumbing. Plumbing. Plumbing and heating com- bined. Automatic sprinkler systems. Masonry. Roofing and sheet-metal work. Roofing. Sheet-metal work. Roofingand sheet metal com- bined.											1,150			
bined.	18 272	51, 720	5,000	70, 655				18 500						5, 176 2, 500
Steel erection Marble and tiling		1,900									2, 033			718
Excavating. Ornamental iron. Highway			502											
Hignway	4,886	35, 080								••••••••••••••••••••••••••••••••••••••				312
NEW YORK CITY	1, 334, 574	3, 683, 815	259, 622	1, 188, 470	\$672, 370	\$290, 472	\$709, 615	169, 605	\$9,001	\$563, 609	247, 852	\$74, 320	\$22, 613	1, 227, 439
Operative builders				2, 240				416		5, 843			795	11, 710
General contractors	1, 296, 027	2, 127, 956	50, 931	1, 186, 105	672, 370	263, 166	656, 432	147, 366	292	379, 775	187, 946	66, 024	11, 144	922, 079
Building Building not specialized Commercial building only	1, 296, 027 13, 160 10, 666	21, 762 3, 642	14, 547 13, 947	52, 219 52, 105	672, 370 3, 171 3, 171	53, 255 49, 985	113, 589 113, 589	9,091 5,369	120 120	77, 874 69, 688	93, 454 89, 954		1, 806 1, 806	290, 754 277, 796
Commercial building only Residential building only	2, 494	15, 270 2, 850	500 100	114						8, 186	1 3, 500 1			6, 167 6, 791
Highway	38,420			7,001					172					230, 200
Bridge and culvert Grading	1 860	40, 971 187	2,654 3,794	9, 830						245, 014				250, 205 2, 499 82, 965
Street paving Sewer, gas, water, conduit Dam and reservoir	51, 156 917, 369	16, 374 184, 172	351 1,203	981, 402		62, 224		33, 883 89, 853					5, 233	82, 965 31, 427
Dam and reservoir	1, 497	582	304	9, 027								9, 461		86,066
Waterworks Dredging, river, harbor, etc Railroad	124, 476	29, 284 2, 830	5,148		564, 950			3, 539		28,687			1, 238 2, 867	45, 781 59, 311
Foundation	5, 300	2,830	12,089	8, 060 2, 500	70,305	20, 255			·	3, 510		400	2,807	09,011
Central station, light and pow- er plant	571	80,000	1. 					 						
er plant Refuse disposal plant Subway (other than buildings)_	142, 110	352 433, 367	10, 751	6 641		127 432		- 11, 000		24, 690	33, 117	56, 163		93, 067
and the second second second second second second second second second second second second second second second								21, 823						293.650
Subcontractors Carpentering and woodflooring.	38, 547	1, 555, 859	206, 691				53, 183	1,790	8,709	177, 991				
Concreting Electrical		4,952 249,390	108,000				10.000	1,790	8, 588		1, 963			40, 818
Elevator construction	38, 547	249, 390 2, 000 799, 847	7,500	100			28,710							13, 208
Heating and piping	15,000	205,069 578,332	59 477				8,341							2, 601 6, 325
Plumbing and heating com-	11, 395		1.							ĺ				4, 282
bined Masonry		10,440										18		78, 200
Glass and glazing Plastering and lathing Roofing and sheet-metal work	1							302			21, 669	5,000 1,687	1, 520	3, 574 2, 621
Sheet-metal work	1 C C C C C C C C C C C C C C C C C C C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									. 1	1, 591 1, 591		2,621 2,507
Rooting and sheet metal com- bined. Steel erection								115		27, 171		-,		114
Steel erection			1, 576							27, 171				928
Stonework Marble and tiling				25				13, 879 1, 182	121	114, 107	36, 274			39, 954
Excavating Ornamental iron		44, 361 45, 700	1,150 6,400			5, 407	850							800
Highway Waterworks		175, 540 20, 047												
Dredging, river harbor, etc		20, 047	3, 529							3, 099	[		9, 154	
Soundproofing Foundation		212, 247				12, 630		4, 555						72, 181
Metal work, n. e. s. Flooring, n. e. s.			80,000							33, 614				10, 331 13, 300
							· .							
BRONX BOROUGH	144, 124	119,098	2, 576	131, 095			850	16, 461		47, 246	73, 311			70, 824
General contractors Building	143, 124	16, 150		131, 095				16, 159		4, 153 4, 153	78, 311			57, 121
Building not specialized Highway	1, 693									4, 153				3, 901
Street paving				128, 595				16, 159			54, 486			53, 220
Sewer, gas, water, conduit Foundation	84, 371			2, 500										
Subway (other than building)	57,060	16, 150	 9 576				850			43, 093	18, 825			13, 503
Subcontractors Heating and plumbing	1,000 1,000	102, 948 47, 848	2, 576				008			40,098				10,000
Plumbing Masonry	1, 000	47, 848												800
Plastering and lething Steel erection			1, 576					302		27, 171				
Marble and tiling														272 800
Ornamental iron		5, 100 50, 000	1,000				850			15, 922			 	10, 331
Metal work, n. e. s														1/1 991

-

#### TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

													1.1	1. A. A. A.
CLASSIFICATION OF ESTABLISH- MENTS	Pipe: Drain tile, vitrified, concrete, etc.	Pipe: Cast iron, sheet and tube steel, etc.	Wire cable, guards, and fencing	Bitumi- mous paving materials	Wood piling and timber	Ready mixed concrete	Machin- ery	Freight, hauling, or truck- ing to job	Chemi- cals, and chemi- cal prod- ucts	Metal prod- ucts, n. e. s.	Mineral products (nonme- tallic) n. e. s.		Textiles and calking mate- rials	Miscel- laneous 19
BROOKLYN BOROUGH	\$18, 615	\$335, 103	\$85, 550	\$236, 326	\$10,090		\$57, 299	\$1,088		\$27,745	\$6, 430	\$873		\$34, 242
General contractors	15,663	112,684	150	236, 251	10,090			1.083		21,745		855		
Building		5,850	150				28, 589	1, 083 233		635				26, 997 24, 148
Building Building not specialized Commercial building only Residential building only		3,000	150				28, 589	233 850		635				0,000
Residential building only		2, 850												1,400
		2,808				.] <sup>j</sup> =	·]				·			
Street paving	1,641	3, 170		236, 251							4, 121			2.840
Sewer, gas, water, conduit	8, 417	16, 830												
Waterworks	585	75, 185			7.090			·/		21 110	·	855		
Street paying Street paying Sewer, gas, water, conduit Waterworks Dredging, river, harbor, etc Railroad Subway (other than buildings).				236, 251	3,000								********	
Subway (other than buildings).	3, 807	8, 340						·			1,326			****
Subcontractors Electrical Elevator construction	2, 952	222,419	85,400	75 50 50		·	. 28,710			6,000	983	18		7, 245
Elevator construction		1,070					28,710							
Heating and plumbing	2, 952	170, 944		. 50	]									
Heating and piping		109, 847		50							• • • • • • • • • • • • • • • • • • • •			
Plumbing and heating com-														
bined	2,952	3, 500								·	-	10		1, 247
Marble and tiling				25							983	18		5, 998
Elevator construction Heating and plumbing Heating and piping Plumbing Plumbing and heating com- bined Masonry Marble and tiling Ornamental iron Metal work, n. e. s		40, 600	5,400	25	·									
wietal work, n. e. s			000			·	-	·		0,000			·	
MANHATTAN BOROUGH.	571,948	2, 732, 806	170, 897	652, 163	646, 239	\$290, 472	651,466	118, 820	\$9,001	446, 618	157, 509	83 250	\$22, 613	1.086,383
-		2,102,000	210,001	2, 240	010, 200					5, 843			705	11,041
Operative builders General contractors		1, 785, 019	1	649, 873	646, 239	263, 166	627, 843	97, 299	292	1 ·	109, 188			
Building	538, 758 12, 473	1, 780, 010	50, 182 14, 297	52, 210	3, 171	53, 255	85,000	7, 446	120	353, 877 73, 086	93, 454	56, 563	11,144	806, 248 260, 167
Building not specialized	10, 571	642	13, 797	52,105	3,171	49,985	85,000	7, 446 4, 574	120	64,900	89, 954		1,806	250, 107
Commercial building only Residential building only	1,902	15, 270	500	114		3 970		170		8, 186	8, 500			3, 409 6, 651
Highway	4, 269					1	1	1	1 179		1			
Bridge and culvert		38, 163	2, 654	9, 830	27, 944					245, 014				230, 209
Grading Street paving	1, 276 1, 543	7,486	0,704	519,698							2,708			2, 499
Sewer, gas, water, conduit	833, 026	104, 342	1, 203	58, 425		04.244		89, 853			·		5, 233	29, 927
Waterworks Dredging, river, harbor, etc	500 124, 476	1, 130, 287	394 5.000		541, 819 73, 305		. 542, 843			7 577	•		1 999	86,066 45,002
Railroad	5, 300	2,830	12,089	3, 060	73, 305	20, 255				3, 510		400	1,238 2,867	59, 311
Railroad Central station, light and power		80,000												
plant	55, 895	377, 536	10,751	6, 641		127, 432				24, 690	12,966	56, 163		93, 067
Subcontractors	83,100	947, 287	120, 715	50		27, 306	23, 623						10, 674	269,094
Subcontractors Carpentering and woodflooring_ Concreting			1 · · · ·	50										17,645
Concreting Electrical		4,952 247,515	109 000			9, 260	5, 282	1,790	8, 588		1, 968			40, 818
Elevator construction	-	2,000	1 7 KOO	1		1								
Heating and plumbing Heating and piping	33, 190	464, 390	536	50			8, 341							13,208
Plumbing	15,000 8,990	125, 378 326, 066	477	50			8, 341							13, 208 2, 601 6, 325
Plumbing and heating com- bined	-,			-0									· · · ·	
Masonry	9, 200	12,946		50										4,282
Glass and glazing												5,000		10,210
Plastering and lathing								118			11,067	1, 687	1, 520	2,774
Roofing and sheet metal com-							~~	110						114
bined								115						114
Steel erection								13, 879						928
Marble and tiling								1, 182	121	72, 107	35, 291			33, 183
Excavating Waterworks		44, 361 20, 047	1, 150			5, 407								
Diedging, river, harbor etc		18	3, 529							3, 099				
Soundproofing													9, 154	70 101
Foundation Metal work, n. e. s	*******	162, 247				12, 630		4, 555		11, 692				72, 181
Flooring, n. e. s											[			12, 000
									1. S. S.		·		·	
QUEENS BOROUGH	574, 842	378, 925		118, 558	9,709			15, 517		42,000	10, 602	1, 591		9, 294
Operative builders								416						669
General contractors	573, 842	97, 391	383	118, 558	9,709		÷	15, 101						4, 817 2, 538 1, 040
Building Building not specialized	612 20		100					562 562						2, 538
Commercial building only Residential building only														1,358
Residential building only Highway	592 32,458		100	7 007					<del></del>					140
Otherst parting	23, 869	2, 191 63, 000	135	7, 001 55, 557										**********
Street paving		63,000	148	56, 000										1, 500
Sewer was water conduit	491, 555	00,000			9,709			8, 539						779
Sewer was water conduit	491, 555	507	140	1										
Sewer, gas, water, conduit Dredging, river, harbor, etc Refuse disposal plant. Subway (other than buildings).	491, 555 25, 348	507 352 31, 341	140					11,000	!		·			
Sewer, gas, water, conduit Dredging, river, harbor, etc Refuse disposal plant Subway (other than buildings).	491, 555 25, 348 1, 000	507 352 31, 341 281, 534						11,000		42, 000	10, 602	1, 591		3, 808
Sewer, gas, water, conduit Dradging, river, harbor, etc Refuse disposal plant. Subway (other than buildings). Subcontractors Heating and plumbing	491, 555 25, 348	507 352 31, 341 281, 534								42, 000	10, 602	1, 591		3, 808
Sewer, gas, water, conduit Dredging, river, harbor, etc Refuse disposal plant Subway (other than buffdings). Subcontractors Heating and plumbing Heating and plumbing	491, 555 25, 348 1, 000 1, 000	507 352 31, 341 281, 534 105, 994 13, 094								42, 000	10, 602	1, 591		3, 808
Sewer, gas, water, conduit Dredging, river, harbor, etc Refuse disposal plant. Subway (other than buildings). Subcontractors Heating and plumbing Heating and pliping Plastering and lathing	491, 555 25, 348 1, 000	507 352 31, 341 281, 534								42, 000	10, 602			800
Sewer, gas, water, conduit Dredging, river, harbor, etc Refuse disposal plant Subway (other than buildings). Subcontractors Heating and plambing Heating and planbing Plumbing Planbing Roofing and sheet.metal work	491, 555 25, 348 1, 000 1, 000 1, 000	507 352 31, 341 281, 534 105, 994 13, 094 92, 900								42, 000		1, 591		800
Sewer, gas, water, conduit Dredging, river, harbor, etc Refuse disposal plant Subway (other than buildings). Subcontractors Heating and plambing Plambing Plambing Roofing and sheet-metal work Sheetmetal work.	491, 555 25, 348 1, 000 1, 000	507 352 31, 341 281, 534 105, 994 13, 094 92, 900								42, 000 42, 000	10, 602			

See footnotes at end of table.

.

na an ann an Air Angairt a' chuir an Airean. An Airtean an Aireann an Aireann an Aireann

# TABLE 11.—COST OF MATERIAL FURNISHED AND USED BY REPORTING ESTABLISHMENTS DURING 1929—Continued

[See note at head of this table]

				[See not	e at head	of this ta	Die							
CLASSIFICATION OF ESTABLISH- MENTS	Pipe: Drain tile, vitrified, concrete, etc.	Pipe: Cast iron, sheet and tube steel, etc.	Wire cable, guards, and fencing	Bitumi- mous paving materials	Wood piling and timber	Ready mixed concrete	Machin- ery	Freight, hauling, or truck- ing to job	Chemi- cals, and chemi- cal prod- ucts	Metal prod- ucts, n. e. s.	Mineral products (nonme- tallic) n. e. s.	Sealing mate- rials	Testiles and calking mate- rials	Miscel- lancous 19
RICHMOND BOROUGH	\$25, 045	\$118, 383	\$216	\$50, 328	\$6, \$32			\$17, 724				\$8, 606		\$26, 896
General contractors	24, 640	116, 712	216	50, 328	6, 332			17, 724				8,606		26, 896
Building Building not specialized	75 75													26, 896
Dam and reservoir	24, 103	3, 527 582	216	41, 301				17, 724				0 000		
Waterworks Dredging, river, harbor, etc	462	122, 603		9, 027	6, 332					 				
Subcontractors	405	1, 671												
Heating and plumbing Plumbing	405	1,671 1,671												
ROCHESTER	96, 296	111, 876	25, 202	68, 693	950	 		25, 029		\$455	\$1,071	455		323, 071
General contractors	92, 782 12, 777	84, 883	15, 402	66, 309	950			24, 804				455		316, 800 274, 563
Building Building not specialized Residential building only	12,777	4,098	1,051 1,051					1, 450 1, 450						274, 503
Highway	. 14.384	15, 221	10,422	33, 816		]								
Bridge and culvert. Street paving	2,419	7, 046 9, 279	3, 929	612 31, 881						455		455		9, 027 33, 210
Sewer, gas, water, conduit		49, 239												
Subcontractors Carpentering and wood flooring	3, 514	26, 993	4,800	384			1							6, 271
Electrical Heating and plumbing	500 3,000	19, 560 6, 933	9,800											
Heating and piping Plumbing	3,000	3, 933				I								
Masonry	14													1, 198
Roofing and sheet-metal work								225						5, 073
Marble and tiling Ornamental iron		500		384							1, 0/1			
SYRACUSE	95, 537	57, 112	18,655	104, 775					\$255	1,040	2, 238		\$2, 231	86, 567
General contractors		49, 412	18,655	70, 775					255	1,040				81, 767
Building Building not specialized										1,040				14,000 14,000
Highway Street paving	. 3, 493	179 1, 018	18,655	15, 165 55, 610										41, 961
Sewer, gas, water, conduit	. 77, 921	48, 215												25, 806
Subcontractors. Heating and plumbing. Heating and plping. Masoury. Glass and glazing. Roofing and sheet-metal work. Boofing	. 107	7, 700		34, 000							2, 238		2, 231	4, 800
Heating and piping		7,700												
Glass and glazing	107					1			1	1	1			4, 800
Rooling and sheet-metal work. Roofing Marble and tiling				34,000 34,000										
Marble and tiling	.				<b>-</b>						2, 238		2, 231	
UTICA	16, 177	40, 341	4, 327	111, 363				6, 540						3, 255
General contractors	16, 177	$1,241 \\ 621$	3, 576	111, 363				6,540						3, 255 3, 255
Building not specialized	. 1,717	621		381				6, 540 6, 540						3, 255
Highway Street paving		620	3, 576	110, 982										
Subcontractors		39, 100	751									· · · · · ·		
Heating and plumbing Heating and piping		39, 100 39, 100												
Ornamental iron			751											
YONKERS	91,752	118, 596	5, 586	34, 981	 					277				54, 367
Operative builders											*****			
		700			1	1			1 .	277				54, 117 137
General contractors	200	33, 463	5, 580	34, 981 173						277				
General contractors Building Building not specialized	200 66, 452 754 654	33, 463 6, 514	5, 580	34, 981 173 173						277 277 277				137
General contractors Building Building not specialized Commercial building only Residential building only	200 66,452 754 654	33, 463		173 173						277				
General contractors. Building. Building not specialized. Commercial building only. Residential building only. Highway. Street paving.	$\begin{array}{c} 200 \\ 60,452 \\ 754 \\ 654 \\ 100 \\ 8,568 \end{array}$	33, 463 6, 514 6, 414 100	103	173 173 2, 323 22, 445						277				137
General contractors. Building Building not specialized. Commercial building only. Residential building only. Highway Street paving Sewer, gas, water, conduit	200 66, 452 754 654 100 8, 568 57, 130	33, 463 6, 514 6, 414 100  26, 949		173 173						277				137 53, 980
General contractors. Building Building not specialized Commercial building only. Residential building only. Highway. Street paving Sewor, gas, water, conduit Subcontractors. Heating and plumbing	200 66, 452 754 654 100 8, 568 57, 130 25, 100	33, 463 6, 514 6, 414 100 26, 949 82, 433 81, 233	103	173 173 2, 323 22, 445						277				137
General contractors Building Building not specialized Commercial building only Residential building only Highway Street paving Sewer, gas, water, conduit Subcontractors	200 66, 452 754 654 100 8, 568 57, 130 25, 100	33, 463 6, 514 6, 414 100  26, 949 82, 433	103	173 173 2, 323 22, 445						277				137 

Datavatures20,000 i1,200 j1,200 j</

#### TABLE 12.—NUMBER OF, AND VOLUME OF BUSINESS REPORTED BY, ESTABLISHMENTS DOING A CON-STRUCTION BUSINESS OF LESS THAN \$25,000 IN 1929, PERCENTAGE OF TOTAL NUMBER OF KNOWN ESTABLISHMENTS, AND AVERAGE VOLUME PER ESTABLISHMENT

			1930		w YORK ation, 12	,588,06	6		1930 pc	EW YOR opulatio	к сіту п, 6,930,446	BOI	OUGH 1	BRONX	BORO	UGH BR	OOKLYN	
	Kr	own co establis	ntractin hments	g	Volu	me of	business rep	ported	Volume of business			Volume of business Total			Total	Voli bu	Volume of business	
TYPES OF WORK	Total num- ber	In- active in 1929	Activ 192 Num- ber		Num- ber of report- ing es- tablish- ments	of	Amount	Aver- age per estab- tablish- ment	num- ber active in 1929	Num- ber of report- ing es- tablish ments	Amount	num- ber active in 1929	Num- ber of report- ing es- tablish- ments	mount	num- ber active in 1929	Num- ber of report- ing es- tablish- ments	Amount	
Total establishments can- vassed (under \$25,000)	16, 536	1 188	10, 348						8, 336			1, 252			3, 943			
Total establishments, type of work unknown Total general and sub- contractors classified	289 16, 247	21 167	268 16,080	100. 0	50	18. 7	\$438, 325	\$8, 766	19 8,317	2	\$26, 500	1 1, 251		- <b>:</b>	6 3, 937	2	\$26, 500	
Total general contractors classified	4, 315	108	4, 207	26. 2	347	8.2	4, 620, 943	13, 317	1, 343	65	811, 210	262	7	\$65, 250	548	22	208, 587	
Building Highway Bridge and culvert	109	98 6 1	4, 038 103 5	25.1 .6 ( <sup>2</sup> )	333 2 2	8.2 1.9 40.0	4, 401, 407 43, 768 7, 250	13, 217 21, 884 3, 625	1,306	64	702, 282	260				22	208, 587	
Grading. Sewer, gas, water, conduit. Dam and reservoir Waterworks	$\frac{2}{21}$	1	20 20 3 10	(2) (2) (1) (2) (1) (2) (1)	5 10.0	25. 0 10. 0	77, 253	15, 451	8		18, 937							
Dredging, river and har- bor Railroad Foundation Power plants	7 3 4 2	2	7 3 4 2 10	(2) (2) (2) (2)	1 1 1 1	14.3 33.3 25.0	20,000 17,094 24,900 15,000	20,000 17,094 24,900	5 1 2 2			2			2			
Street paving Total subcontractors classi- fied	12 11,932	59	11, 873	73.8	1,843	10.0 15.5	15, 048, 865	8,162	6,974	860	7, 220, 568	989	78	718, 811	3, 389	351	2, 737, 331	
Carpentering Concreting Electrical Elevatorand dumbwaiter.	1, 415 144 1, 491 21	7 4 10	1,408 140 1,481 21	8.8 .9 9.2 .1	213 30 231 2	15. 1 21. 4 15. 6 9. 5	1, 511, 963 246, 437 1, 881, 789 16, 286	7,008 8,215 8,146 8,143	862 57 692 16	108 7 88 1	757, 025 48, 523 628, 637 10, 000	164 5 148 16	13 12 1	73, 147 98, 132 10, 000	850 42 251	28 4 31	184, 613 38, 543 177, 429	
Heating, vontilating and piping Masonry Painting and decorating. Glass Plastering Plumbing and heating. Sheet metal and roofing.	239 577 2, 518 344 203 3, 356 858	1 9 3 1 5 15	238 508 2, 515 343 108 3, 341 857	$     \begin{array}{r}       1.5 \\       3.5 \\       15.6 \\       2.1 \\       1.2 \\       20.8 \\       5.3 \\       5.3 \\       \end{array} $	52 94 336 31 27 616 123	$21.8 \\ 16.5 \\ 13.4 \\ 9.0 \\ 13.6 \\ 18.4 \\ 14.4 \\ 2.2 \\ 14.4 \\ 14.4 \\ 14.4 \\ 2.2 \\ 10.5 \\ 10.$	502, 323 644, 251 2, 441, 013 234, 043 238, 005 5, 340, 720 1, 090, 067 117, 851	9,660 6,854 7,265 7,550 8,815 8,670 8,862 11,785	1052921,6403101341,849491111	13 33 176 25 17 279 63 8	114,579219,3401,369,106161,434151,0942,715,595409,29184,689	84 58 173 87 55 23 114	1 3 10 6 4 14 8	17, 990 21, 000 87, 371 56, 334 58, 994 147, 675 61, 982	$\begin{array}{r} & 4 \\ 162 \\ 1,025 \\ 119 \\ 53 \\ 1,016 \\ 229 \end{array}$	14 104 6 7 116 29	91, 897 731, 667 35, 500 60, 650 1, 052, 188 233, 796	
Steel erection Stone work Marble and tiling Wrecking Excavating	120 23 284 29 48	 1 1 1	120 23 283 28 47	.7 .1 1.8 .2 .3	10 5 40 1 7	8.8 21.7 14.1 3.6 14.9	57, 351 447, 661 13, 460 50, 318	$\begin{array}{c} 11,470 \\ 11,192 \\ 13,460 \\ 7,188 \end{array}$	16 168 20 7	-3 24	36, 351 295, 031	3 44 4 6	1 2	20,000 30,000	4 29	1 5	15,000 03,649	
Excavating Ornamental iron Soundproofing and insu- lation Pipe covering	241 5 2		241 5 2	1.5 ( <sup>2</sup> ) ( <sup>2</sup> ) .1	21 1	8.7 20.0	184, 959 5, 000	8, 808 5, 000	190 4 2	14		50 2 2	3	86, 186	103 2	6 	52, 399	
Miscellaneous	14		14	<b>`</b> .1	3	21, 4	19, 868	6, 623	8	1	4, 000	1						

1 Of the total inactive contractors, 75 are in New York City, 1 in Albany, 14 in Buffalo, 4 in Rochester, 1 in Yonkers, the rest in the remainder of the State. Of the New York City inactive, 29 are in Brooklyn, 6 in the Bronx, 31 in Manhattan, 7 in Queens, and 2 in Richmond. 2 Less than one-tenth of 1 per cent.

#### TABLE 12.—NUMBER OF, AND VOLUME OF BUSINESS REPORTED BY, ESTABLISHMENTS DOING A CON-STRUCTION BUSINESS OF LESS THAN \$25,000 IN 1929, PERCENTAGE OF TOTAL NUMBER OF KNOWN ESTABLISHMENTS, AND AVERAGE VOLUME PER ESTABLISHMENT—Continued

	BOROU	IGH MAI	NHATTAN	вог	OUGH (	QUEENS	BORC	UGH RI	CHMOND	1930 pe	ALBAN	y n, 127,412	BUFFALO 1930 population, 573,076			
TYPES OF WORK	-20 T	Volume of business		Total	Volume of business			Volume of business		Total	Volume of business		Total	Volume of business		
Birk Taraka Sana Baraka Sana B	Total number active in 1929	Num- ber of report- ing es- tablish- ments	Amount	num- ber active in 1929	Num- ber of report- ing es- tablish- ments	Amount	num- ber active	Num- ber of report- ing es- ab lish- ments	Amount	num- ber active in 1929	Num- ber of report- ing es- tablish- ments	Amount	num- ber active in 1929	Num- ber of report- ing es- tablish ments	Amount	
Total establishments canvassed (under \$25,000)	2, 768			220			153			177			761		<u></u>	
Total establishments, type of work unknown. Total general and subcon- tractors classified.	11 2,757			220			1			1			2 759	1	\$22, 000	
Total general contractors classi- fied	388	24	\$345, 229	71	3	\$49, 356	74	9	\$142, 797	38	2	\$37, 000	109	7	83, 868	
Building Highway Bridge and culvert	376	24	345, 229	64 4	3	49, 856	72 1	8	123, 860	28 6 1	1	17,000	94 10	6 	66, 774	
Sewer, gas, water, conduit Dam and reservoir	1			2				1	18,937				1			
Water works. Dredging, river and harbor. Railroad Foundation Power plants.	1			1 						1 1	1	20, 000	2 2	1	17,094	
Street paving Total subcontractors classified		371	3, 183, 670	149	36	371, 714		24	209, 042	138	20	269, 443	650	105	830, 398	
Carpentering Concreting Electrical	343 9 254	63 2 38	483, 765 8, 980 308, 839	1		25, 500	4 1 32	4 1 4	15, 500 1, 000 18, 737	10 16	2	17,000	29 9 119	2 3 27	21,000 22,134 174,431	
Elevator and dumbwaiter Heating, ventilating and piping	64	12	96, 589	3						, 1 8	3	40, 818	1 13 70	 3 10	23, 821 99, 707	
Masonry Painting and decorating Glass Plastaring	423	15     58     13     2	104, 049 529, 568 69, 600 13, 900	1 14 7	1 3	3,000	1 5 1	1 3 1 9	2, 400 17, 500 2, 350 148, 555	18	2	12, 050	95 2 20	10 1 4	66, 544 6, 000 25, 355	
Plastering. Plumbing and heating Sheet metal and roofing Steel creation	147	118 26 7 1	1, 116, 043 203, 513 74, 589 1, 351	84 1 1 3	22 1	251, 134 10, 000	25	9	148, 555	65 9 1	11 	181, 115	178 76 4	31 12	263, 563 109, 510	
Stonework Marble and tiling Wrecking Excavating Ornamental iron	- 18	11	135, 502 37, 382	19 2	5	62, 880	8	1	3, 600	6 2 1	1	13, 460	19 3 10 2	2	18, 327	
Soundproofing and insulation. Pipe covering Miscellaneous				2 6		4,000	1			1 	1	5, 000				

#### TABLE 12.—NUMBER OF, AND VOLUME OF BUSINESS REPORTED BY, ESTABLISHMENTS DOING A CON-STRUCTION BUSINESS OF LESS THAN \$25,000 IN 1929, PERCENTAGE OF TOTAL NUMBER OF KNOWN ESTABLISHMENTS, AND AVERAGE VOLUME PER ESTABLISHMENT—Continued

·		ROCHEST Opulatio	rer n, 328,132		SYRACUS pulation	3E 1, 209,326	1930 po	UTICA pulation	n, 101,740	1930 po	YONKEI pulatio	ıs n, 134,646	REMAINDER OF STATE 1930 population, 4,183,288			
	Volume of busi- ness				me of busi- ness		Volume of busi- ness			Volume of busi- ness				e of busi- less		
TYPES OF WORK	Total number active in 1929	Num- ber of report- ing es- tab- lish- ments	Amount	Total number active in 1929	Num- ber of report- ing es- tab- lish- ments	Amount	Total number active in 1929	Num- ber of report- ing es- tab- lish- ments	Amount	Total number active in 1920	Num- ber of report- ing es- tab- lish- ments	Amount	Total number active in 1929	Num- ber of report- ing es- tablish- ments	Amount	
Total establishments canvassed (under \$25,000)	382			207			113			216			6, 156			
Total establishments, type of work unknown Total general and subcon- tractors classified	16 366	2	\$38, 551	2 205	1	\$7, 240	2 111	1	\$2, 199	1 215			225 5, 931	43	\$341, 835	
Total general contractors classi- fied	38	4	55, 487	36	2	25, 000	29	3	42, 600	50	3	\$40, 600	2, 564	261	3, 525, 169	
Building Highway Bridge and culvert	3	3 1	31, 987 23, 500	33 2	2		29						. 4	251 1 2	3, 385, 164 20, 268 7, 250	
Bridge and culvert Grading Sewer, gas, water, conduit Dam and reservoir Waterworks										1			10	4	58, 316 14, 271	
Dam and reservoir Waterworks Dredging, river and harbor Power plants Foundation	1 			1 									1	1	24, 900	
Railroad Street paving	1	·····			31	332, 304	82	10		165	16	144, 782	7 3, 367	1 734	15,000 5,488,056	
Total subcontractors classified Carpentering	28	67 6	648, 054 67, 468	6			6			27	10	7,800	440	04	641, 670 175, 780	
Concreting Electrical Elevator and dumbwaiter	1 43 1	9 1	99, 441 6, 286	1 21	3	50, 902	13			13	1	6, 376	564		922, 002	
Heating, ventilating, and pip- ing Masonry Painting and decorating Glass		2 1 17	44, 218 2, 500 106, 615	2 14 4	1 1 3	22, 000 18, 357 39, 000	3 1 15	1 i	24, 990 5, 000	4 1 61 5	 6 1	39, 970 21, 000	77 196 623 22 44	20 50 123 1 6	231,897 322,698 823,371 6,609 61,556	
Plastering Plumbing and heating Sheet metal and roofing Steel erection Stenawork	112 44 1	23 6	199, 716 92, 743	57 59 1 1	7 14 1	84, 165 09, 368 17, 012	27 11 1	5 2	36, 582 38, 688		5		1,025 152 3 4	255 26 1 2	1,815,848 250,461 16,250 21,000	
Stonework Marble and tiling Wrecking Excevating Ornamental iron		1	7, 575				$\frac{\overline{2}}{1}$			1			77 2 26 32	12 7 3	112, 728 50, 318 20, 000	
Ornamental iron Soundproofing and insulation Pipe covering Miscellaneous						1, 500			4, 500	, 			6	2	15, 868	

#### TABLE 13.—ESTABLISHMENTS (WHOSE BUSINESS WAS LESS THAN \$25,000 IN 1929) WHICH REPORTED THEIR VOLUME OF CONSTRUCTION WORK, CLASSIFIED BY RANGE OF VOLUME OF BUSINESS

CLASSIFICATION	Total	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$17,499	\$17,500 to \$19,999	\$20,000 to \$22,499	\$22,500 to \$24,999
NEW YORK Total general and subcontractors	2, 240	301	429	347	250	252	129	177	142	121	92
(leneral contractors Su beentractors Ty pe of contracting unknown	347 1, 843 50	21 269 11	31 388 10	40 302 5	29 217 4	55 191 6	27 98 4	41 132 4	38 103 1	38 79 4	27 64 1