# CHAPTER 7

GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

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		PUBLIC SERVICE (not elsewhere classified)	
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#### CHAPTER 7.—GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

#### INTRODUCTION

In the Thirteenth (1910) Census report on "Occupation Statistics," the Bureau of the Census, for the first time, published detailed statistics showing, for each of the more important industries and for each service group (public service, professional service, and domestic and personal service) each occupation that was numerically important, with the workers in the occupation classified by sex, color, nativity, and age. The present chapter represents the second attempt by the Bureau to classify the gainful workers both by industry and by occupation.

Occupation classification.—The many thousands of occupational designations returned by the enumerators at the Fifteenth Census are included in one or another of the occupations classified under the different industries and service groups. In many cases, elementary occupations have been combined and are here presented as composite occupation groups, rather than as separate specific occupations. This is particularly true of the operatives and of the laborers. In each industry, most of the operatives are combined in a group designated "Operatives." But while the "Operatives" group in a given industry is a composite group, made up of the operatives in numerous elementary occupations, it is, nevertheless, a group that in many respects is occupationally homogeneous, since the persons comprising it are in the main workers belonging to the semiskilled class in that particular industry. Similarly, the group "Laborers" in a given industry is in many respects an occupationally homogeneous group.

Classification by general divisions.—The figures presented in this chapter for the different general divisions of industry (agriculture, forestry and fishing, extraction of minerals, etc.) are different from those presented for the general divisions of occupations in other Fifteenth Census occupation tables, for these reasons: In so far as it was practicable to make it such, the classification of gainful workers presented in the other occupation tables is primarily occupational. In the other tables all the workers in a specified occupation are grouped together without regard to the different industries in which the occupation is pursued; and each occupation, excepting clerical occupations, is classified in that part of the industrial field in which the occupation is most commonly pursued. For example, all electricians are grouped together and are classified under "Manufacturing and mechanical industries,"

though electricians are employed to some extent in almost every industry. Clerical occupations, which can scarcely be said to be more common in one part of the industrial field than in another, are made a separate class. In this industrial classification, on the other hand, all of the workers in each industry or service group included are counted under that industry or service group and then classified by occupation. The industries and service groups are in turn grouped under the nine general divisions of the industrial classification.<sup>1</sup>

By way of illustration, it may be stated that the statistics for the industrial group, "Manufacturing and mechanical industries," as presented in this chapter, include all the workers in each manufacturing industry, while the statistics for the occupational group, "Manufacturing and mechanical industries," as presented in other occupation tables, do not include the clerical workers in manufacturing industries, nor the workers in certain other occupations, such as teamsters, lawyers, trained nurses, technical engineers, etc., not peculiar to, or not most commonly pursued in, manufacturing industries. On the other hand, the statistics for "Manufacturing and mechanical industries," as presented in the other occupation tables, include all blacksmiths, carpenters, machinists, and other followers of skilled hand trades, wherever employed, while in the statistics by industry, as here presented, many of the workers in these trades are included in other general divisions of industry.

The classification by general divisions of industry is the same in this chapter as in the Second Series Population Bulletins and in Volume III of the Fifteenth Census Reports on Population. In each case, the classification by general divisions is industrial rather than occupational, and in each case all the workers in a general division are classified thereunder, regardless of the occupations which the different workers pursue—whether productive, commercial, professional, or clerical. These figures differ somewhat, however, from those presented in the Second Series Bulletins and in Volume III, since the latter were compiled from a preliminary count—a count by sex and industry only—in which there was no opportunity to correct errors of occupation, sex, age, color, and nativity, which errors

<sup>&</sup>lt;sup>1</sup> It is unfortunate, perhaps, that the designations of the industrial classification and the main subdivisions of the occupational classification are so nearly the same. It did not seem practicable, however, to formulate distinctive titles, since even the occupational classification is built on an industrial framework.

developed only when the workers in each industry were later counted by age, color, nativity, and occupation.

Occupations presented in five groups.—As stated in the note at the head of Table 2, the occupations in each industry are presented in most cases in five groups, as follows:

- 1. Proprietary, official, and supervisory pursuits.
- 2. Professional pursuits.
- 3. Clerical and kindred pursuits.
- 4. Skilled trades.
- 5. Other pursuits.

The several occupations making up these groups for a given industry are shown separately if the number of workers is 10 or more—or in the fifth group, 20 or more. Where, under any industry, the number of workers in an occupation is less than 10 (or for the fifth group, less than 20) the occupation is included in the residual class at the end of the group—except that where there is only one such occupation, it is usually shown in the regular way. In the residual class at the end of a group are also included, sometimes, occupations not definitely returned by the enumerators.

Statistics affected by indefinite returns.—Census enumerators sometimes returned an occupation satisfactorily but did not return definitely the industry in which the occupation was pursued. As a result, the coding clerks sometimes assigned occupations to the wrong industries. It is believed that the most flagrant of these cases have been discovered and changed. There may be some cases, however, in which occupations were not pursued in the industries in which they are shown, and some cases in which the actual number of workers in an occupation in a given industry was more or less than the number shown. And because

of other errors, some female workers may be shown in occupations they did not pursue.

The statistics in Table 2, admittedly, do not constitute a technically exact presentation of the different occupations pursued in each of the industries and service groups shown. They are, however, the nearest approach to this ideal which was practicable under the existing conditions and limitations of the enumeration and classification of occupations at the Fifteenth Census. Since there is a very real need for statistics relating to the occupations pursued in the different industries, however, it is believed that this table, with the limitations here pointed out, will, in use, fully justify this second attempt by the Bureau of the Census to present statistics of this kind.

Gainful workers.—The term "gainful workers," as here used, includes all persons 10 years old and over who usually follow a gainful occupation, even though they may not have been actually employed at the time the census was taken. It does not include women doing housework in their own homes, without wages, and having no other employment, nor children working at home, merely on general household work, on chores, or at odd times on other work. Statistics relating to women home-makers are presented in a series of bulletins and reports on "Families."

Color and nativity.—In the classification of gainful workers by color and nativity, four classes are distinguished, namely, (a) native white, that is, white persons born in the United States or any of its territories or possessions; (b) foreign-born white; (c) Negro, including both black and mulatto; (d) other races, comprising Mexicans, Indians, Chinese, Japanese, etc.

Age.—The age classification presented in Tables 1 and 2 is based on age at last birthday, that is, age in completed years.

Table 1.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE

					NATIVE	WHITE	FOREIG: WH		NEO	GRO	OTHER	RACES
	GENERAL DIVISION AND INDUSTRY	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ı	All occupations	49, 829, 920	38, 077, 804	10, 752, 116	27, 511, 962	7, 681, 508	6, 255, 071	1, 156, 056	3, 662, 893	1, 840, 842	647, 978	93, 910
2	Agriculture	10, 483, 917	9, 570, 359	913, 558	7, 158, 212	370, 695	648, 126	<b>26,</b> 536	1, 492, 926	495, 295	271,095	21, 032
3	Forestry and fishing	268, 992	266, 708	2, 206	180, 159	1, 643	47, 221	205	32, 449	373	6, 877	65
4 5	Fishing Forestry	73, 827 195, 165	73, 522 193, 184	305 1, 981	48, 633 131, 526	200 1, 443	15, 314 31, 907	13 192	7, 122 25, 327		2, 453 4, 424	36 29
6	Extraction of minerals	1, 156, 377	1, 148, 915	7, 462	804, 198	7, 087	247, 738	274	76, 857	66	20, 122	35
7 8 9	Coal mines Copper mines Gold and silver mines	691, 288 39, 510	689, 921 39, 368	1, 367 142		1, 285 132	184, 928 11, 282	48 8	58, 027 33		4, 601 6, 864	2
$\frac{10}{11}$	Iron mines	31, 936	22, 171 31, 824 20, 475		13, 930 17, 486	74 97 59	4, 880 14, 244 2, 476	7 15 3	3,500		1, 104 90 433	
12 13 14	Other specified mines Not specified mines	15, 720 31, 219 98, 344	15, 597 30, 652 97, 494	123 567	11, 061 21, 179 68, 598	110 532 797	1, 059 6, 346 16, 436	6 30 30	2,371	6 1	1, 106 2, 459 2, 112	1 4
15 16	Lega and zine mines. Other specified mines. Not specified mines. Quarries. Oil wells and gas wells <sup>1</sup> . Salt wells and works.	198, 446 7, 125	195, 035 6, 378	3, 411	187, 761	3, 322 679	4, 757 1, 330	66 61	1, 408 345	2	1, 109 244	21
17	Manufacturing and mechanical industries.	14, 341, 372	11,939,985	2, 401, 387	8, 159, 017	1, 940, 469	2, 874, 256	345, 355	803, 570	95, 520	103, 142	20, 043
18	Building industry	2, 574, 968	2,549,803	25, 165	1, 758, 506	23, 373	589, 510	1,516	181, 173	250	20, 614	{
19 20 21	Chemical and allied industries. Charcoal and coke works Explosives, ammunition, and fireworks factories.	621, 986 11, 766 19, 404	534, 873 11, 515 15, 035	87, 113 251 4, 369	393, 547 6, 173 11, 968	79, 876) 223 3, 909	89, 294 2, 992 2, 506	6, 211 6 434	47, 011 2, 168 451	913 22 25	5, 021 182 110	
22 23	Fertilizer factories Clas works <sup>2</sup> Paint and varnish factories	28, 169 114, 930	27, 340 102, 842 31, 543	829 12, 088	9, 123 76, 519	684 11, 542	1, 073 19, 205	25 516	16, 900 5, 769	120 24	244 1, 349	G
22 23 24 25 26 27 28	Petroleum refineries Rayon factories	37, 074 173, 798 33, 982	163, 561 21, 573	5, 531 10, 237 12, 409	23, 336 132, 945 19, 382	5, 043 9, 726 11, 790	6, 652 19, 280 1, 322	431 441 586	1, 349 9, 386 867	51 47 32	200 1, 950 2	
27 28	Soap factoriesOther chemical factories	22, 983 179, 880	18, 091 143, 373	4, 892 36, 507	13, 137 100, 964	4, 406 32, 553	4, 272 31, 902	3, 351	591 9, 530	539	91 887	12
29	Clear and tobacco factories	149, 563	70,970	78, 593	40, 458	49,865	14, 443	9, 655	15, 789	18, 512	280	
30 81 32	Clay, glass, and stone industries	371, 961 97, 245 97, 729	341, 550 93, 094 84, 947	30, 411 4, 151 12, 782	238, 874 50, 802 66, 302	27, 336 3, 758 11, 441	67, 237 16, 518 14, 738	2, 008 230 799	28, 149 14, 245 3, 487	741 111 510	7, 290 2, 529 420	320 52 32
33 34 35	Brick, tile, and terra-cotta factories Glass factories Lime, cement, and artificial-stone factories Marble and stone yards Potteries	83, 636 50, 430 42, 921	80, 827 48, 806 33, 876	2,809 1,624	53, 898 32, 504 26, 368	2, 552 1, 511 8, 074	14, 738 15, 292 14, 521 6, 168	176 109 694	7, 813 1, 665 939	54 4 62	3,824 116 401	27
36 87		789, 846 15, 308	375, 509 2, 570	414, 247 12, 738	126, 122 1, 984	297, 223 10, 585	227, 940 556	96, 048	18, 405 29	17, 001 67	3, 132	
38 39 40	Glove factories  Hat factories (felt)  Shirt college and outf factories	22, 896 34, 770	2, 570 7, 732 24, 248 17, 844	10, 522	5, 865 13, 755	13, 267 7, 985	1,810 9,766	2, 081 1, 624 2, 281	53 654	244 188	4 73	29 68
41 42	Clothing industries Corset factories Glove factories Hat factories (felt) Shirt, collar, and cuff factories Suit, coat, and overall factories Other clothing factories	68, 776 313, 138 334, 958	226, 486 96, 719	50, 932 86, 652 238, 239	12, 679 52, 321 39, 518	44, 620 61, 148 159, 618	3, 791 158, 979 53, 038	5, 138 22, 336 62, 588	1, 253 12, 552 3, 864	1, 074 2, 523 12, 905	121 2, 634 299	100 645 3, 128
43 44 45	Food and allled industries Bakeries Butter, cheese, and condensed milk fac-	907, 253 281, 885 88, 900	738, 541 241, 645 76, 429	168, 712 40, 240 12, 471	503, 600 147, 768 64, 507	132, 020 32, 823 11, 800	176, 620 82, 714 10, 640	20, 354 5, 958 590	45, 443 8, 2 <sub>0</sub> 9 940	11, 909 983 43	12, 878 2, 904 342	4, 429 476 38
46 47	tories. <sup>8</sup> Candy factories Fish curing and packing	71, 294 16, 288	36, 776 11, 259	34, 518, 5, 029	24, 682 5, 904	29, 588 2, 324	10, 061 1, 766	3, 908 341	1, 566 2, 170	633 1, 794	467 1, 419	389
48 49 50	Flour and grain mills Fruit and vegetable eanning, etc. Slaughter and packing houses 4 Sugar factories and refineries.	67, 233 56, 235 164, 882	62, 542	4, 691 21, 102	52, 161 25, 866	4, 400 14, 808	6, 216 6, 073	185 4, 069	3, 728 1, 558	49 1, 145	437 1,636	57 1,080
51 62	Sugar factories and refineriesOther food factoriesLiquor and beverage industries	23, 503 86, 630	35, 133 143, 972 21, 727 62, 259	20, 910 1, 776 24, 371	11, 933 48, 148	15, 985 1, 370 15, 723	32, 214 5, 758 11, 189	3, 170 217 1, 671	17, 028 3, 148 4, 001	1, 398 132 5, 502	3, 477 888 921	357 57 1,385
53 54	Iron and steel, machinery, and vehicle indus-	50, 403 3, 283, 203	46, 799 3, 107, 509	3, 604 175, 694	33, 378 2, 108, 930	8, 199 154, 392	9, 989 795, 341	245 19, 338	3, 045 174, 809	140	387 28, 429	160
55 56	tries, Agricultural implement factoriesAutomobile factories	53, 244 640, 474	50, 140 595, 433	3, 104	38, 471	2, 884 38, 797	10, 452	208	1, 080	12	137	
57 58 59	Automobile repair shops.  Blast furnaces and steel rolling mills 5. Car and railroad shops 6. Ship and boat building.	257, 925 620, 894	254, 674 602, 358 223, 511	45, 041 3, 251 18, 536	399, 827 210, 829 349, 975	3, 027 16, 752	166, 102 28, 891 188, 735	5, 914 171 1, 426	25, 598 12, 752 52, 625	297 41 331	3, 906 2, 202 11, 023	33 12 27
60 61	Car and railroad shops s Ship and boat building Wagon and carriage factories	225, 638 93, 437 9, 144	223, 511 92, 094 8, 541	2, 127 1, 343 603	150, 379 59, 109 5, 991	1, 765 1, 218 480	44, 903 24, 751 2, 249	226 100 121	16, 148 7, 605 286	331 131 23 2	3, 081 629	5 2
62	Wagon and carriage factoriesOther iron and steel and machinery factories.	1, 213, 548	1, 118, 796	94, 752	794, 314	83, 633	279, 156	10, 281	40, 833	785	4, 493	53
63 64 65	Not specified metal industries	168, 899 332, 976 69, 964	161, 962 277, 851 63, 034	6, 937 55, <b>12</b> 5 6, 930	91, 035 187, 499 37, 038	5, 836 47, 476 5, 788 7, 873	50, 102 78, 303 23, 458	891 7, 131 1, 095	17, 882 8, 125 2, 348	182 400 40	2, 943 3, 924 190	28 118 7
66 67 68	Clock and watch factories	25, 096 21, 199 19, 326	15, 907 20, 520 15, 409	9, 189 679 3, 917	11, 799 11, 220 10, 124	7, 873 617 3, 352	4, 052 5, 801	1, 301 59	45 1, 106	15 2	2, 393	i
69 70	Gold and silver factories  Jewelry factories  Lead and zine factories  Tinware, enamelware, etc., factories  Other metal factories	39, 458	27, 996 17, 836	11, 462	18, 248	9, 724 704	4, 988 9, 470 4, 126	545 1, 676 67	74 143 936	12 53 8	223 135 338	l
71 72		97, 415 41, 903	83, 009 34, 140	14, 406 7, 763	63, 091 23, 543	12,600 6,818	17, 500 8, 908	1, 530 858	1, 894 1, 579	194 76	524 110	
73 74 75	Leather industries Harness and saddle factories Leather belt, leather goods, etc., factories	374, 069 9, 103 26, 634	259, 335 8, 657 19, 012	114, 734 446 7, 622	176, 284 6, 470 10, 154	98, 990 407 5, 860	76, 935 1, 979 8, 456	15, 120 26 1, 606	5, 273 138 366	532 12 135	843 70 36	11

<sup>1</sup> Because of indefinite returns by census enumerators, there probably is some overlapping between persons engaged in the production of natural gas and those engaged in the production of artificial gas, and between persons working at petroleum refineries or on pipe lines and persons working at oil wells.

1 Because of indefinite returns by census enumerators, there probably is some overlapping between persons engaged in the production of natural gas and those engaged in the production and distribution of artificial gas.

1 In some cases, it was difficult to distinguish, from the enumerators' returns, persons working in butter, cheese, and condensed milk factories from persons working for milk distributing companies and persons working on dairy farms.

GROUP, BY SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930

Company   Comp	0 TO 17 OL		18 AN YEARS		20 TO 24 OI		25 TO 34 OL		35 TO 44		45 TO 54 OL		55 TO 64 OLI		65 TO 74 OLI		75 YE AND C		UNKN	GE IOWN	
17.   18.	Male		Male	Fe- male	Male	Female	Male	Female	Male	Female	Male	Female	Male		Male		Male	Fe- male	Male	Fe- male	ì
7. 68 6 6 11, 121 132 0, 0.0 42 8. 8. 80 6 10 0, 0.0 40 4, 80 0 20 21, 11 11 10 10, 0.0 20 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 11 10 10, 0.0 10 10 10 10 10 10 10 10 10 10 10 10 10	425,236	720, 723	1,599,708	942, 445	4, 799, 505	2, 347, 548	9, 168, 666	2, 654, 338	8, 608, 202	1, 892, 338	6, 565, 135	1,266,026	3, 941, 514	649, 078	1,643,133	226, 811	295, 616	39, 407	31, 029	13, 402	
1.	776, 240	199, 499	528, 180	68, 345	1, 157, 892	113, 924	1, 729, 880	128, 956	1, 746, 899	134, 436	1, 648, 576	128, 734	1, 202, 396	84, 512	628, 249	42, 267	147, 433	12, 443	4, 658	442	
10, 00   10   10   10   10   10   10										i	ļ						<del> </del>	4		4	
16	2, 338 5, 190	16 47	2, 776 8, 345		8, 330 27, 719	58 363	16, 160 46, 725		16, 419 43, 608	439 439		288 288	8,707 18,410	25 90	3, 740 6, 320				137 198	2	
						·	<u>-</u>				·					28		1		<u> </u>	
101   101   102   103	16, 086 240 113	1 2	1, 229 361	10 7	5, 640 1, 928	38	10,740 4,032	55 13	10, 141 4, 640	21	7, 191 5, 023	13	3, 092 3, 706	26 2 7	14, 388 934 1, 963	1 2	124		22 17		
2006 1 788	$\frac{176}{191}$	5	570	1 5	2, 910	5 12	5, 850	23	5,355	18	3,565	i 4	1,535 1,236	2	437		. 43		12		
276 400   11,	$\frac{266}{1,710}$	14	738 4,050	40	3, 158 14, 26	5 157 7 252	6,383 25,694	188 261	8,730 22,361	0' 15	6,564	51	4, 285 9, 215	21 14	2,900	4	373	1			
25, 158	1,00:	5 78	247		78	211	1,675	184	1, 58	12	1, 226	) 01	632	1:	219		3 2	2	. 10	) :	
1,000   2,000   1,00	276, 46	218, 081	485, 294	287, 787	1, 578, 53	578, 917	3, 070, 033	575, 942	2, 908, 42	382, 51	3 2, 065, 68	219, 589	1, 105, 711	101, 07	392, 122	31,77	6 49,94	3, 93	2 7, 77		
282 242 1 18 630 7 2, 200 1, 189 3, 721 1, 107 3, 500 62 2, 670 2 88 1, 107 8 10 61 2, 110 61 2, 111 1	•			1	1	,						1		1	1	1	1 '		1		
1,000   2,000   1,00	16	7 1	1  340	) 2	1 79, 78 1 1, 41 0 2, 20	7 7 7: 0 1,28	[2] = [3, 17]	t] 9:	3, 18	5 4	2, 09 4 2, 67	3 24			3 249	9]	1, 2	4	. 1	1	2
1,400	1,00	o 24	0 1,59 3 2 02	6 3 1, 39			7, 500 5, 30, 70	2 3,80	1 25, 43	1 1,46	5 17.31	21 59	3 1,70 6 8,27	1 15	91 - 2,380	0 1	5 22	3	5 8	0	1 6 1
1, 100   1	50 1, 44	0 35 3 23	1 1,34 5 4,53	6 78	$\begin{bmatrix} 2 & 4,51 \\ 3 & 24,32 \end{bmatrix}$	$\begin{array}{ccc} 2 & 1,79 \\ 2 & 3,44 \end{array}$	51 8, 32	n 1.60	3 7,43	6l 64	2 5,33 6 21,89 3 2.02	2 19	6  8,58	2 9 7 5	0 1, 93° 1 13°	$\begin{bmatrix} 7 & 1 \\ 6 & 1 \end{bmatrix}$	3 15 1 1	7 2	3 10	)3 7	7
1, 100	41	0 37	8I 80	31 77	0] = 2,82	4 1,51	0 4,88	5) 1.27	11 4, 10	7 57	4 2, 92 2 24, 00	1 27 1 2, 51			2 2 3,09	7 9 <b>2</b> 6		1 4	0 7	9 2	5
\$\frac{8}{2}, \frac{1}{2}, \frac{1}, \frac{1}{2}, 1	1, 90	1		1	1	1	1	1	1	1 '	1 '	1 '	1	1 .		1			1		7
089	8, 1; 2, 1; 2, 4;	18 2,75 22 26	4 14,78 2 4,03 3 5 35	4 55	9   13, 69	)5 1, 19	7 24.80	7 1.16	6 21,69 5 18,45	2 1,51	.1 13,44	.1] 68	4 7, 18	21 7	6 2.60	S! 1	lSl 25	i3 i5	2 (	32	304
1,201   1,801   1,446   4,027   34,177   82,000   72,250   02,512   104,852   75,900   80,378   47,160   43,821   13,027   63,31   13,027   63,31   13,027	08	30] 19 37] 5	2 2,48 2 1,34	01 - 23	8 5,4	)2 87 10 40	7 11,30	4 47	[6] 11,74	4 22	22 14,60 25 10,09 09 6,17	7 10 3 13 70 88	0 5,96	4 5	9 2,07 6 1,07	5 5	13 24	18	3 3	34	1
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	11, 2	01 41,80	14,44	.0 44, 02	34, 1		1	1 '	1			8 47, 56	3 42, 35 3 28	2 22, 13 3 1, 03	[2] 13	b) 23	92] .	14  2	22	31 36	8
4, 027 7, 534 6, 116 8, 248 14, 583 16, 112 30, 022 19, 73 17, 04 27, 128 27, 77 112 367 2, 080 3, 383 180 250 66 3, 180 22, 180 3, 960 22, 180 10, 281 10, 281 11, 28	5	23 1, 20	57 53	4 1, 5	iol 1.0	00 2, 10 00 2, 91 38 2, 48	2 1, 32 39 4, 93	3, 33 1 2, 31	1, 51	2, 7: 03 1, 6:	26 1, 47 35 4, 00	72 1, 88 )2 1, 00	88 89 02 2,46	1 1,00 6 50 9 2.29	94	7 2	00 1		13 08	4	9 7 34
22, 163 i 0, 685 53, 071 22, 716 i 100, 528 42, 126 i 100, 709 8, 718 54, 423 6, 359 34, 351 4, 165 i 10, 165 54, 424 20, 018 1, 129 2, 419 1 152 539 1, 500 000 3, 163 1, 502 12, 134 3, 745 24, 219 3, 377 1 1, 178 31 1, 056 1 10, 469 8, 483 1, 177 0, 5, 804 1, 111 1, 056 2, 639 0, 639 1, 177 0, 5, 804 1, 180 1, 190	1, 4, 4, 0	55 8, 77 27 7, 53	34] 5, U	37l 6.90	381 3.2	36 10, 76 83 16, 11	$\begin{bmatrix} 3 \\ 2 \end{bmatrix} = \begin{bmatrix} 4 \\ 12 \end{bmatrix}$	[2] 19, 57	29 3, 30 71 67, 49 10 26, 2	7, 17 03 17, 9 22 43, 8	10,00,0	72 10, 70	29, 87 28 7, 5	2 4,8 1 12,3	9, 97 57 2, 08	3 1,3	73 1,1	66 1	42 1	63 50 2	91
1, 500 600 3, 163 1, 502 12, 134 3, 645 24, 219 5, 371 17, 503 2, 504 5, 503 1, 503 1, 502 12, 134 5, 570 5, 405 8, 843 8, 906 7, 735 8, 235 1, 511 2, 2006 675 1, 1225 284 555 5, 513 627 440 1, 485 814 2, 403 1, 179 2, 288 1, 651 12, 2006 675 1, 1225 284 556 65 79 4 4 37 1, 605 1, 141 1, 630 470 6, 701 1, 1442 14, 414 1, 44, 41 1, 47	22, 1	65 16, 5	35, 0 50 14, 50	71 22. 7	16 109, 5	28 41, 2 55 9, 4	16 199, 76	39, 39, 84	18 171, 6	13 26, 4	51 115, 90 59 34, 3	31 4, 1	5 16.19	)5 1,7	24 20, 01 77 4, 69 74 1, 76	18 1,3 94 4	95 4	56	56 1	70	24 18 8
653         513         0.07         4400         1,486         814         2,409         1,419         3,603         12,078         331         7,944         1,093         3,623         27         600         3         48           1,071         1,819         1,055         2,039         5,120         4,216         8,189         4,250         7,274         3,990         5,289         1,304         10,71         1,981         1,055         2,039         5,225         44,289         5,675         36,088         2,823         1,170         1,081         2,201         2,283         1,011         1,091 <td< td=""><td>1, 5</td><td>00 60</td><td>3, 1</td><td>ı</td><td>76 5, 4</td><td>95 8,8</td><td>13 8, 90</td><td>06 7, 7</td><td>35 8.2</td><td>05 4 2</td><td>10 5.7</td><td>82 2, 1</td><td>3, 1</td><td>59 7</td><td>22 1, 13</td><td>15 1</td><td>.39 1 65</td><td>45 79</td><td></td><td>29 37</td><td>18 4</td></td<>	1, 5	00 60	3, 1	ı	76 5, 4	95 8,8	13 8, 90	06 7, 7	35 8.2	05 4 2	10 5.7	82 2, 1	3, 1	59 7	22 1, 13	15 1	.39 1 65	45 79		29 37	18 4
2, 831 1, 770 1, 894 2, 882 20, 823 5, 226 41, 289 5, 675 604 5, 802 3, 605 10, 174 2, 089 1, 530 682 1, 835 160 240 25 42 1, 835 160 240 25 160 240 25 160 240 25 160 240 25 160	6	53 51 51 1	$     \begin{array}{ccc}       13 & & 63 \\       41 & 1, 63     \end{array} $	27 4 30 4	10 1, 4 70 6, 7	61 1,4	42 14, 4 16 8, 18	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} 14, 7 \\ 50, 7, 2 \end{bmatrix}$	74 3.9	90 5,9	78 3 86 2 7	31 7, 9 87 3, 7	14 1 37 1,0	09 3, 6: 87 1, 5	64 2	93 1	78	26 11	29 97	5 15 23
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	2,8	$\begin{vmatrix} 31 & 1,7 \\ 84 & 1 \end{vmatrix}$	70 5, 8 56 7	$\begin{vmatrix} 2 & 2 & 8 \\ 24 & 2 \end{vmatrix}$	82 20, 8 11 2, 4	23 5, 2 82 5	$\begin{bmatrix} 25 & 41, 25 \\ 08 & 5, 3 \end{bmatrix}$	39 5, 5 72 5	75 36,0 04 5,8	02  2	$ \begin{array}{c c} 38 & 4, 2 \\ 95 & 10, 1 \end{array} $	49' 2,0	39 5, 3	57 10 6	$\begin{bmatrix} 30 & 6 \\ 82 & 1.8 \end{bmatrix}$	54 35 1	11 66 2	70		23 42	1 27 5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1, 7	85 1	- 1	66 3	96 6, 3	95 9	U5] 11,5	11 1,0	69 10, 2	65 5	47 7,9	93 2	i		i		1 .	- 1	i	l l	14
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				55 4	13 7, 4	1.0	52 12.0	03 9	39 11,0	90 4	12 8.8	56 1	42 4.6	43	03 7,8	78	69 6	75	8 3		2 25
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4, 8	188 1, 5 186 1	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	02 5, 9 84 3	81 42,8	386 15,4 382 9 251 6.1	32 199, 8 95 99, 9 11 164, 3	10 1,0 97 5,4	55 63,9 48 164,4	169   28   2, 8	$\begin{bmatrix} 82 & 23, 4 \\ 685 & 103, 4 \end{bmatrix}$	78 9	43 43, 8	92  2	55 11,8	03	58 8	183 145	13 4	140 12	25 7 17 2 1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{bmatrix} 1, t \\ 1, 3 \end{bmatrix}$	540 342	$\begin{array}{ccc} 79 & 5,3 \\ 44 & 3,1 \end{array}$	$\begin{array}{c c} 05 & 1 \\ 10 & 1 \end{array}$	84 22, 9 33 10, 3	385 3	22 55, 9 93 22, 8 85 1.5	65 6 05 4 80 1	$\begin{bmatrix} 66 & 23, 2 \\ 59 & 1, 7 \end{bmatrix}$	906 735	$ \begin{array}{ccc} 192 & 17,8 \\ 94 & 1,6 \end{array} $	36 65	68 9,9 48 1,3	34 46	34 8, 4 12 7	37] 85	3 1	87	1	11	55
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1 2	203	43 65 42, 4		02 140, 9	)03 30, 0	67 292, 6	87 20,0	195 284, 2	779 12,	997 30.8	109 8	79 14.0	17	21 4,1	95	17	147	4	126,	5
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	7,8	333 5, 7	43 13.7	20 8, 8 33 1, 0	15 38, 33 7,	565 15, 8 307 1, 9	50 68,0 108 14,6	30 13, 1 58 1, 9	$\begin{bmatrix} 177 & 67, 1\\ 123 & 16, 5 \end{bmatrix}$	110 6, 582	771 47 9	2051 3.3	16 6, 2	53	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	91 09	23	199   99	5 6	34. 11	35 3 9
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		700 8 227	$\begin{vmatrix} 346 & 7 \\ 33 & 6 \end{vmatrix}$	08 1, 3 58 1	120 2, 14 2,	207 2, 6 739 2	201 5, 5	75] 9	)44 3,	357	5511 3.2	2191 - 7	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	49 92	64 5	20	56	115 140	7	3	3
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1,	575 1, 5 282	503 1, 0 47 (	24 1, 7 54	43 3, 83 2,	851 2, 9 350 2	0, 1 215 4, 8	.17 2, 5	237 4, 9	363 127 1,	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	141 345	47 1, 4 376 6, 0	18 35	151 4	311	59	299		35	9
12, 781 11, 973 10, 434 14, 743 30, 210 28, 190 17, 883 1, 811 75 1, 931 42 2, 152 29 691 45 83 1 8	2,	074 7	730 2,0	32 1,4	157 5,	628 2, 6	54 9, [	1,8	305 7,	808	475 42,	000 9,	207 24. 3	192 3,	737 9, 8	20	921 1,	397		5	60
A SOUR MANY LANGE BY ANY CONTRACT OF THE PROPERTY OF THE PROPE	12,		073 16, 4 36 1	34 14, 7 19 141 1. 1		011	1111 5	1991 1	1041 1. 3	311	73 1,	931	42 2, 3	OR .	1951 f	1941	45	83	1	8	4
802   988   1,041   1,202   2,403   2,265   4,340   1,050   4,448   891   3,327   411   1,500   150   501     802   988   1,041   1,202   2,403   2,265   4,340   1,050   4,448   891   3,327   411   1,500   150   501     Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in shock yards and workers in slaughter and packing houses.    Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in car and railroad shops and workers on steam and street to workers in iron manufacturing establishments.    Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in car and railroad shops and workers on steam and street to the control of the control	1 4 5 5	Sometin	nos it wa	s impos	sible, from Someti	n the enu mes it wa	nerators' s impossi	returns, te ble, from	o distingu the enun	ish betwo	en worke returns, to	rs in stoo disting	k yards a uish betw	een wor	kers in	olast fu	rnaces	and Sto	el roll and str	ing mi eet rai	lls Irc

#### TABLE 1 .- PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE

==					NATIVE	WHITE	FOREIG WH		NE	gro	отнек	RACES
	GENERAL DIVISION AND INDUSTRY	Total	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
	Manufacturing and mechanical indus- tries—Continued,						·					
1 2 3	Leather industries—Continued. Shoe factories. Tanneries. Trunk, suitcase, and bag factories.	271, 451 58, 420 8, 461	52, 512	99, 397 5, 908 1, 361	124, 705 30, 106 4, 849	4, 522	45, 155 19, 375 1, 970	12, 093 1, 227 168	1, 938 2, 630 201	221 135 29	256 401 80	32 24 14
4 5 6 7 8	Lumber and furniture industries  Furniture factories  Piano and organ factories  Saw and planing mills <sup>6</sup> Other woodworking factories	863 026	246, 610 16, 428 444, 782	46, 023 21, 488 1, 723 9, 721 13, 091	10, 068 287, 515	18, 544 1, 556 7, 734	69, 355 6, 158 39, 445	3, 692 2, 262 162 345 923	135, 214 7, 324 195 112, 264 15, 431	3, 389 610 5 1, 598 1, 176	7, 646 1, 436 7 5, 558 645	973 72 44 857
9 10	Paper, printing, and allied industries.  Blank book, envelope, tag, paper bag,	787, 995 38, 941	621 808	166, 097 16, 249	508, 786	150, 590	96, 165 3, 757	13, 133 1, 350	14, 585 394	2, 048 96	2, 412 35	326 14
11 12 13	etc., factories. Paper and pulp mills Paper-box factories. Printing, publishing, and engraving	179, 792 24, 656 544, 606	14, 052	24, 556 10, 604 114, 688	10, 596	9, 294	32, 592 3, 183 56, 633	2,899 1,219 7,665	6, 693 252 7, 246	846 63 1, 043	511 21 1,845	93 28 191
14 15 16 17 18 19 20 21 22 23	Textile industries. Carpet mills. Cotton mills. Hemp, jute, and linen mills. Knitting mills. Lace and embroidery mills. Rope and cordage factories. Sail, awning, and tent factories. Silk mills. Textile dyeing, finishing, and printing mills.	1, 183, 429 44, 499 422, 204 8, 015 174, 912 16, 336 11, 869 8, 311 171, 140 47, 023	089, 122 30, 040 261, 821 4, 956 72, 845 7, 798 8, 600 5, 915 87, 901 38, 566	494, 307 14, 459 160, 383 3, 059 102, 067 8, 538 3, 269 2, 396 83, 239 8, 457	498, 540 18, 575 205, 729 2, 939 50, 952 3, 318 5, 756 4, 671 61, 400 22, 872	11, 070 134, 141 1, 971 91, 575 6, 112 2, 541 2, 089 71, 789	174, 625 10, 979 42, 394 1, 614 11, 968 4, 450 2, 323 1, 113 25, 824 14, 778	76, 369 3, 278 23, 149 998 9, 607 2, 283 647 275 11, 133 1, 121	19, 815 430 13, 373 156 866 25 462 113 648 847	6, 387 88 2, 039 80) 803 111 65 10 306 101	1, 142 50 325 247 50 5 59 18 29	5, 542 23 154 10 82 32 16 13 11
24 25	Woolen and worsted mills Other and not specified textile mills	144, 513 134, 607	89, 842 80, 838	54, 671 53, 769	54, 202 54, 126		35, 091 24, 091	13, 954 9, 924	433 2, 462	179 1,696	116 159	4, 920 269
26 27 28 29 30 31 32 33 34 35	Miscellaneous manufacturing industries Broom and brush factories Button factories Electric light and power plants Electrical machinery and supply factories. Independent hand trades Rubber factories Straw factories Turpentine farms and distilleries Other miscellaneous manufacturing in-	2, 101, 097 18, 873 11, 340 289, 255 383, 570 360, 329 100, 391 2, 200 43, 467	1, 555, 931 15, 718 7, 538 260, 345 298, 383 159, 293 130, 784 963 43, 045	545, 166 3, 155 3, 802 28, 910 85, 187 201, 036 35, 607 1, 327 422	1, 083, 233 12, 058 5, 402 219, 944 233, 000 85, 672 96, 614 750 10, 588	435, 350 2, 716 3, 135 27, 686 75, 192 146, 147 29, 949 1, 094	353, 388 2, 801 2, 068 31, 708 60, 865 65, 027 30, 402	74, 780 - 335 - 554 1, 150 9, 769 31, 620 5, 525 223	109, 779 666 64 7, 598 2, 919 6, 505 3, 403 20 32, 402	31, 634 100 104 57, 176 20, 965 89 10 281	9, 531 193 4 1, 095 609 2, 029 365	3, 402 4 9 17 50 2, 304 44
35 36	Other miscellaneous manufacturing in- dustries. Other not specified manufacturing in- dustries.	360, 023 465, 559	280, 469 359, 393	79, 554 106, 166	181, 144 237, 071	64, 534 84, 756	65, 272 95, 008	11, 570 14, 034	31, 255 24, 887	3, 139 6, 713	2, 708 2, 427	311 663
37 38 39 40 41	Transportation and communication	4, 438, 413 18, 189 454, 823 62, 239 423, 843	3, 997, 888 17, 161 451, 855 58, 542 409, 781	449, 525 1, 028 2, 968 3, 697 14, 062	2, 992, 630 15, 095 310, 796 49, 031 326, 512	416, 324 977 2, 523 3, 488 13, 385	534, 545 1, 498 67, 621 6, 432 35, 529	19, 361 45 90 175 457	388, 639 430 63, 895 2, 872	4, 227 6 348 32	82, 074 138 0, 543	613 7 2 28
42 43 44 45 46 47 48 49 50	Garages, greasing stations, and automobile laundries. Livery stables. Pipe lines. Postal service. Radio broadcasting and transmitting. Steam railroads 6. Street railroads 6. Telegraph and telephone. Truck, transfor, and cab companies. Water transportation Other and not specified transportation and communication.	9, 642 25, 001 283, 936 8, 964 1, 583, 067 195, 408 578, 602 483, 148 209, 804 11, 747	9, 588 24, 818 254, 439 8, 094 1, 528, 073 188, 973 267, 354 474, 860 294, 423 9, 927	54 183 29, 497 54, 994 6, 435 311, 248 8, 288 5, 381 1, 820	5, 413 22, 262 223, 222 7, 281 1, 118, 283 131, 740 242, 838 376, 545 155, 781 7, 831	48 179 28, 107 828 49, 857 5, 789 297, 554 7, 565 4, 384 1, 640	2, 302 901 13, 460 732 193, 179 40, 199 20, 028 53, 579 88, 434 1, 651	2 1 735 41 3,079 517 12,930 459 661 169	1, 832 1, 121 17, 084 60 160, 796 6, 546 3, 478 40, 904 44, 959 388	192 4 1 585 1,834 122 517 248 328 10	3, 466 41 534 673 21 55, 815 1, 488 1, 010 3, 832 5, 240 57	2 70 1 224 7 247 16 8 1
55 56 57	Trade	7, 580, 084 64, 488 624, 783 31, 124 507, 299 288, 102 17, 763 59, 394	5, 815, 335 48, 980 459, 054 29, 045 338, 508 223, 273 17, 220 53, 462	1, 714, 729 15, 508 165, 729 2, 079 168, 791 64, 919 543 5, 932	4, 572, 188 44, 319 400, 130 24, 474 202, 431 175, 371 10, 967 37, 982	1,532,358 14,446 156,129 1,936 157,210 57,190 502 5,145	978, 127 4, 285 40, 200 3, 579 38, 241 43, 159 3, 480 8, 843	152, 594 1, 030 8, 627 122 8, 756 6, 612 33 527	218, 461 319 8, 534 900 7, 211 4, 206 2, 280 6, 182	21, 024 21 749 9 2, 728 945 8 194	46, 559 57 1, 184 92 625 477 493 455	8,763 11 224 12 97 172
60 61	Wholesale and retail trade: Automobile agencies, stores, and filling stations. Wholesale and retail trade (except automobile)	498, 350 5, 353, 165	465, 393 4, 125, 858	32, 957 1, 227, 307	420, 048	31, 200 1, 079, 401	81, 806 797, 939	1, 574 123, 722	11, 990 176, 161	121 16, 100	1, 549 41, 457	53 8, 084
62	Other and not specified trade	85, 506	54, 542	30, 964	47, 165	29, 190	6, 589	1, 591	618	149	170	34
63	Public service (not elsewhere classified) 16	1, 049, 576	927, 882	121, 694	759, 766	113, 139	101, 535	4, 717	58, 962	3, 521	. 7,619	317
64	Professional service	3, 408, 947	1, 648, 030	1, 760, 917		1, 561, 223	229, 164	123, 376	101, 260	72, 113	12, 021	4, 205
- 1	Professional service (except recreation and amusement).	2, 965, 742	1, 335, 228	1, 630, 514	1, 078, 279		177, 842	113, 597	71, 784	66, 479	7, 323	3, 529
66	Recreation and amusement  Domestic and personal service	448, 205	312, 802	130, 403	227, 306	114, 314	51,322	9, 779	29, 476	5, 634	4, 698	676
68	Hotels, restaurants, boarding houses, etc	4, 814, 578 1, 357, 381	693, 220	3, 153, 549 664, 161	326, 010	1, 514, 869 454, 251	437, 449 212, 367	90, 391	340, 802 1 122, 273	105, 893	65, 635 32, 570	7,626
69	Domestic and personal service (not elsewhere classified).	3, 037, 568	754, 448	2, 283, 120	358, 743	931, 947	184, 176	343, 735	192, 421	981, 563	19, 108	25,875
70   71	LaundriesCleaning, dyeing, and pressing shops	310, 379 109, 245	134, 738 78, <b>6</b> 18	175, 641 30, 627	84, 261 48, 124	105, 095 23, 576	24, 530 16, 376	18, 645 3, 490	12, 768 13, 340	47, 842 3, 290	13, 179 778	4, 050 271
72	Not specified industries and services.	1, 337, 689	1, 101, 680	236, 009	762, 969	203, 701	156, 910	21, 377	148, 967	9, 915	32, 834	1,016

<sup>4</sup> Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in stockyards and workers in slaughter and packing houses.

6 Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in car and railroad shops and workers on steam and street railroads.

8 Includes box factories (wood).

# GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

411

GROUP, BY SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

Ī	10 TO 17 OL		18 AN YEARS		20 TO 24		25 TO 34		35 TO 44 OL		45 TO 54		55 TO 64	YEARS	65 TO 74	YEARS	75 YI			UN-	
	Male	Fe- male	Male	Fe- male	Male	Female	Male	Female	Male	Female	Male	Female	Male	Fe- male	Male	Fe- male	Male	Fe-	Male	Fe-	
														maie		mate		male		male	
	10, 155 1, 317 357	10, 135 652 162	12, 540 2, 269 465	12, 426 847 216	26, 405 6, 119 945	24, 033 1, 408 379	40, 204 10, 971 1, 516	23, 896 1, 352 312	37, 970 13, 005 1, 578	16, 289 1, 029 193	25, 121 10, 319 1, 302	8, 243 429 82		3, 426 144 12	5, 069 2, 284 244	829 36 5	669 261 30	72 4	61 49 7	48 7	1 2 3
	28,069 7,543 274 15,916 4,336	3, 505 1, 256 100 800 1, 349	42, 209 12, 169 420 23, 946 5, 764	5, 717 2, 626 204 1, 110 1, 777	124, 042 34, 115 1, 391 73, 214 15, 322	5, 895 507 2, 649	196, 985 56, 767 2, 871 112, 908 24, 439	11, 669 5, 454 483 2, 640 3, 092	171, 253 51, 470 3, 980 93, 346 22, 457	6, 906 3, 317 251 1, 487 1, 851	137, 476 42, 675 3, 582 72, 196 19, 023	3, 693 1, 854 117 712 1, 010	2, 560 38, 396	1, 537 802 51 236 448	31, 527 12, 228 1, 182 12, 968 5, 149	439 231 10 55 143	4, 280 1, 783 160 1, 520 817	88 34 20 34	599 105 37: 104	43 19 12 12	4 5 6 7 8
	<b>24,</b> 004 004	10, 840 1, 494	36, 662 1, 469	20, 403 2, 412	97, 764 3, 529	46, 257 4, 885	159, 687 5, 720	44, 893 4, 159	135, 894 4, 834	24, 615 1, 957	92, 064 3, 412	12, 564 900		5, 001 359	18, 455 719	1, 147 65	2, 384 90	117 6	376 14	170	9 10
	2, 635 653 19, 902	1, 654 1, 461 6, 231	7, 101 910 27, 182	1,591	23, 386 2, 216 68, 633	6, 766 2, 948 31, 658	41, 727 3, 579 108, 661	6, 436 2, 464 31, 834	35, 638 3, 132 92, 290	3, 722 1, 202 17, 734	25, 590 2, 052 61, 010	1, 945 612 9, 107	1,048	759 253 3, 630	4, 711 406 12, 619	180 57 845	492 53 1,749	19 7 85	76 3 283	9	11 12 13
	44,558 1,167	65, 753 1, 072 23, 336	47, 319 1, 704 18, 086	1,408	107, 508 3, 999 41, 777	3, 130	162, 594 (1, 055 62, 798	116, 345 3, 117 38, 954	139, 424 6, 937 51, 702	73, 824 2, 490 26, 634	103, 374 4, 869 38, 663	1,504	3, 102	14, 329 1, 031 3, 915	21, 602 1, 384 6, 845	3, 833 504 851	2, 566 214 830	541 144 54	324 9 119	311 9 83	14 15 16
	20, 345 249 6, 335 500	14, 897 1, 070	297 7, 724 378	370 15,476 1,099	806 16, 891 810	673 27, 734 2, 049	1, 203 19, 068 1, 647	23, 131 23, 136	1,071 11,161 1,941	536 11,979 1,194	718 6, 485 1, 462	5,770 5,770	443 3, 535 755	103 2,308 249	157 1,388 270	30 645 69	16 220 33	60 7	$\begin{array}{c} 1 \\ 38 \\ 2 \end{array}$	67 8	17 18 19
	308 132 7, 288 1, 460	340 79 13, 884 975	402 244 7, 489 2, 109	126 13, 563	1, 162 708 15, 025 5, 486	335 22,449	1, 910 1, 366 21, 065 8, 930	575 18, 245	1,836 1,331 17,124 8,312	572 608 9,414 1,155	1, 459 1, 088 11, 329 6, 496	452 4,009	696 6, 167	94 172 1, 323 188	387 293 2,148 1,520	279		25	5 4 45 16	4 48	20 21 22 23
	3, 481 3, 287	4, 392 5, 339	4, 258 4, 448	5, 454		11, 217	18, 643 19, 309	13, 974 12, 676	20, 231 17, 778	10, 579 8, 663	17, 297 13, 513	5, 918 5, 114		2, 460 2, 486	4, 180 3, 030	548 807	440 323				24 25
	40, 008 724 403	1 830	72, 173 804 424	392		848	427, 165 3, 334 1, 688	784	359, 344 3, 187 1, 807	93, 940 452 601	241, 120 2, 664 1, 282	215	127, 462 1, 909 737	39, 685 94 99	48, 681 930 272	0]: 30	201	l  ′8	1,100	2	27 28
	2, 622 8, 553 1, 405	850 8, 217 2, 520	9, 045 19, 030 2, 351	3,405 15,997 4,108	44,090 57,248 7,650	10, 607 28, 724 13, 933	90, 665 92, 255 24, 334	9, 368 20, 869 33, 806	61, 278 64, 996 39, 455	3, 326 7, 953 50, 565	34, 085 30, 208 37, 854 17, 454	1,047 2,635	14, 088 15, 452 27, 253	246 638 32,364	3, 886 4, 142 15, 096	34 110 13,845	339 3,720	3 (		36 250	30 31
	2, 201 48 3, 682	2, 483 112 57	2, 650	4,625 108 36	20, 549 134 7, 173	10,414 197 86	41,495 172 9,919	10, 691 249 108	33, 391 227 8, 036 66, 054	4,882 278 70 11,067	17, 464 179 7, 071 46, 007	183	103 3,373	16	36 918	52	15	7 4	64		33 34 35
	8, 780 11, 470		· ·	10, 870 15, 020		ì	74, 184 89, 169	19, 135 25, 310	80, 913	14,746	58, 316		1	2, 934			'	1	1		
	56, 428	22, 280					1, 151, 571 7, 074	132, 601 371	1, 008, 919 3, 340	59, 576 105	679, 318 1, 037	24, 814	-	8,716	107, 773	1,794	10, 61	206	18	3	38
	251 7, 518	1			-	876	117, 554 19, 704	973	98, 939 15, 660	506 687	75, 990 9, 187	261	45, 992 4, 556	65	18, 129	1 8	6	3		3	39 40
	9, 92; 251	83 331				4, 522	156, 769	4, 493	96, 922 1, 779	2, 110 14	37, 334 2, 153	772	1,807	4	3, 954 904	1 32	17	7	342 13 19	3	41 42 43
	209 1, 328	264	2, 810	937 98	4, 523 18, 263 2, 503	7 62 3 3,336	69, 570 3, 379	7, 567	5, 918 72, 523 1, 135	7, 649 112		5, 954	29, 944 94	2, 955	1 28	735	2	8 70	6 144 1 10	27	44
	10, 418 534 15, 27	729 10t	32, 723 1, 968	2,786 413	152, 02; 14, 578 1 52, 06;	1 11,645 8 1.451	380, 731 50, 567	21,418 1,983 8 88,984	53, 052 54, 681	1,301 32,813	40, 048 32, 659	818	5 21, 296 3 13, 608	300 2,962	6, 283	5 529 2 529	51 25	6	134	1 6 258	47 48
	0, 92 2, 95 20	218	10, 16/ 0, 230	11 788	78, 771 36, 80	5 2,139 1 1,419	171, 927 81, 086 2, 956	1,773	75, 959	1, 615 925 283	52, 94	71 53t	5 25, 422	174	8, 158	8 4	1,04	9	820	6 4	50
	175, 92		225, 97	198, 008	727, 04		1, 510, 341		1, 372, 408		979, 10				-			_	9 4, 62	7 16	53
	10, 83 14		25, 07	7 16,441	77, 143	3 54,886 9 513	124, 149 6, 30	57, 174 5 591	7,714	990	66, 23	9 193	40, 230 0 3, 835	2, 451 2 85	16, 736 1, 28	6 440 5 3	8 3, 15 1 12	7 5 6	$\begin{vmatrix} 3 & 26 \\ 0 & 26 \end{vmatrix}$	0 6 3 <b>1</b> 35	55 56
	3, 62 52 30	7, 10a 1 1, 287	7, 583 1, 223	24, 084 3 4, 184 2 5	1 33, 26 1 7, 38 7 1, 89	1 59,539 3 11,391 5 162	35, 099 4, 009	0 14,318 3 181	56,001 4,523	13, 616 86	58, 77 3, 32	6 11, 319 2 2;	9 42, 46; 3 1, 85	6,38	18, 38	9 <b>2,0</b> 3	6 3,23 8 8	01	18- 1- 5 5-	4	57 58 59
	79	420			3 6,78	4 1,677								1	7, 37	1 11	78	7 1	0 36	2 33	60
	8, 20 140, 76	Ι.	1	3, 350 1 131, 050			157, 80 1, 040, 818	1				l	9 405, 74	50, 982	155, 75	5 11, 78	24, 19	7 1,40	2 3, 25	1, 264	61
	71	1,108	3 1,35	2 3,77	6, 62	7 9, 919	16, 28	9, 077			1	1	1	1 '	1	i		l	1		l
	5, 54	1	i			1					304, 49	8 190, 91	4 207, 20	91, 60	89,75	5 23, 95	0 18, 56	5 3, 06		- [	1
	23, 27 8, 61			89, 35	116, 26	8 459, 130	343, 46	500, 580						ì		1 .		1	1	1	
	14,66	2 3, 65° 2 165, 49°		9 8, 56 7 208, 35	i		1	8 723, 688	413, 750	652, 65	288, 85	4 501, 99	8 155, 70	284, 75	-1	7 108, 22 7 19, 62	7 3.46	0 17, 84 3 2,88	2 1, 26	1 878	68
	16, 56	-	7 27, 37	8 39, 72 0 148, 50	85, 71	6 99, 12	173, 23	1 155, 126 8 515, 14	176, 729 1 186, 63	459, 24	136, 17	8 361,08	78, 98	4 213, 93	35, 11	3 86, 30	5 7,00	6 22	9 96 7 10	9 235	70
	4, 08 2, 30	5 10, 84	1 '	4 15, 63	18,83	2 82, 68 5, 86	6 40, 01 7 24, 60	9 44, 91' 0 8, 50	32, 000 18, 38	2 38, 28 4 7, 37	1	2 3,69	3,60	2 1,21	7 .1,03	6 23	8 14 3 11,96	5 2	9 5 4 4, 20	4 21	71
	1	7 15, 22		7 34, 20	1	75 94	8 242, 10	1 60, 85	203, 38	7 27, 58 sh hetwee											

<sup>9</sup> Sometimes it was impossible, from the enumerators' returns, to distinguish between workers at airports and workers in airplane factories.

10 Public service, as here presented, does not, as a rule, include those public employees, who, occupationally, can be better classified elsewhere—public-school teachers, postal employees, otc.

# Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### AGRICULTURE

					NATIVE	WHITE	FOREIG: WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUFATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Agriculture	10, 483, 917	9, 570, 359	913, 558	7, 158, 212	370, 695	648, 126	26, 536	1, 492, 926	495, 295	271, 095	21,032
3	Farmers (owners and tenants) Farm managers and foremen	6, 012, 012 67, 222	5, 749, 367 66, 259	262, 645 963	4, 435, 418 55, 976	162, 783 860	447, 205 5, 686	21, 117 75	797, 231 1, 655	76, 422 21	69, 513 2, 942	2, 323 7
4 5 6 7 8 0	Chemists Civil engineers and surveyors Draftsmen Electrical engineers Mechanical engineers Other professional pursuits	47 15	68 465 47 15 145 7	1	61 433 43 14 128 6	1	5 29 4 1 17 17				3	
10 11 12 13 14 15 16 17 18 19 20 21	Accountants and auditors. Agents (not elsewhere classified) Bookkeepers and cashiers. Clerks. Collectors. Commercial travelers. Messenger, errand, and office boys and girls. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Other olerical pursuits.	228 71 2, 282 1, 631 32 68 28 26 264 121 1, 343 16 42	200 68 988 712 23 68 19 26 225 107 55 12	28 3 1, 294 919 9 39 14 1, 288 4	173 62 904 625 21 61 16 24 197 94 49 9	25 3 1,240 877 9 	24 6 64 63 2 7 2 2 20 12 4 1	3 40 36 	2 8 1 1 2	1	16	7 5 
23 24 25 26 27 28 29 30 31 32 33 34	Blacksmiths Brick and stone masons Carpenters Ccopers Cranemen, derrickmen, holstmen, etc. Electricians Engineers (stationary) Machinists Mochanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Other skilled trades	912 10 571 10 74 131 818 437 994 13 24 96 27	912 10 571 10 74 131 818 437 904 13 24 96	2	578 5 436 6 71 114 688 380 885 11 22 67	2	98 3 98 2 2 12 101 49 62 2 2 24 5		218 1 32 2 1 4 16 2 28		1 13 6 19	
36 37 38 39 40 41 42	Chauffeurs and truck and tractor drivers Farm laborers (wage workers) Farm laborers (unpaid family workers) Guards and watchmen Janitors. Oilers of machinery All other occupations	253 2, 732, 972 1, 659, 792 482 54 22 91	253 2, 561, 649 1, 184, 784 482 51 22 91	171, 323 475, 008	205 I, 784, 447 875, 450 357 32 21 70	37, 765 165, 820	28 183, 119 11, 239 100 9 1 13	2, 708 2, 513	10 419, 193 274, 476 16 10	120, 114 298, 727	23, 619	10, 736 7, 948

43	Fishing.	73, 827	73, 522	305	48, 633	200	15, 314	13	7, 122	56	2, 453	38
44	Fishermen and oystermen	73, 280	73,071	209	48, 286	112	15, 229	δ	7, 106	56	2, 450	36
45	Professional pursuits	12	12		11		1					
46 47 48 49 50 51	Accountants and auditors. Bookkeepers and cashiers. Clerks. Shipping clerks. Stenographers and typists. Other clerical pursuits.	93 50	24 58 38 12 4	35 12 48 1	20 46 29 10 4 30	29 12 46 1	4 12 8	6	1 I		2	
52 53 54 55 56	Carpenters_ Engineers (stationary)	111	19 49 11 21 15		11 38 8 17 9		8 9 3 2 5					
57 58 59	Chauffeurs and truck and tractor drivers. Guards and watchmen All other occupations.	65	56 65 27		47 45 22		3 18 - 4		6 2 1			
										1		- 1
60	Forestry	195, 165	193, 184	1,981	131, 526	1, 443	81, 907	192	25, 327	817	4, 424	29
60 61 62 63 64	ForestryOwners and proprietors, log and timber camps Owners and officials, log and timber camps Foremen, log and timber camps Foresters, forest rangers, and timber cruisers	5, 650 1, 249 3, 910	5, 641 1, 248 3, 910 8, 042	1, 981 9 1	131, 526 4, 870 1, 109 3, 188 7, 344	1, 443 9 1	81, 907 673 133 600 504	192	61 5	817	4, 424 37 1 30 70	29
61 62 63	Owners and proprietors, log and timber camps Managers and officials, log and timber camps Foremen, log and timber camps	5, 650 1, 249 3, 910 8, 057 745	5, 641 1, 248 3, 910	9	4,870 1,109 3,188	9 1	673 133 600		61 5 92 34		37 1 30 70 2	

# OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930 AGRICULTURE

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

	7 YEARS LD	18 AN YEAR		20 TO 24 OL		25 TO 34 OLI		85 TO 44 OL		45 TO 54 OL		55 TO 64 OLI		65 TO 74 OL		75 YE AND C		AG UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
76, 246	199, 499	528, 130	68, 345	1,157,892	113, 924	1, 729, 880	128, 956	1,746,899	134, 436	1,648,576	128, 734	1,202,396	84, 512		42, 267	147, 433	12, 443	4, 658	442
		48, 535 508		340, 571 3, 867	4, 814 31	1, 058, 726 14, 818	20, 998 112	1,356,315 17,715	53, 828 236	1,333,711 14,559	75, 347 273	980, 919 9, 273	62, 237 190	508, 251 4, 343	34, 493 100	119, 992 1, 141	10, 757 20	2, 347 35	171 1
		3		1		30 102 16 8 50 1		150 6 3		89 4 1	1	1 61 3 1 9		17 1 1 4 1		1			
2 23	21 38	41 42	107 88	10 2 178 129 7 4	346 248 3	52 12 307 200 4 8	5 1 384 250 1	63 17 216 135 3	2 268 166 2	39 10 126 107 6 14	128 95 1	22 17 73 60 2 15	33 31 2	7 9 38 13 1	3 2	1 1 6 2	3	1 1	1 1
1	1 53	3 8 12 1	1 1 208	10 28 15 2	9 3 498 1	1 7 51 29 18 3	12 3 363 1 2	8 51 19 1 1 1	7 3 127 2	1 8 34 11 4 5	7 2 28	40 11 3	2 1 9	1 3 27 1 1	1	1			2
1		1 3		20 33 2 13 18 58 48 136 1 4 11		108 2 74 2 28 48 106 104 361 2 8 23		1		2 4 15 183 83		1 3 8 137 54		91 49 2 2 2 59 13 22 1		11		1	
	24, 446 174, 940	$\frac{1}{3}$		81 573, 355 239, 143 20 2 8	30, 472 77, 494	78 566, 477 87, 870 45 7	35, 351 71, 469	348, 496 22, 452 77 7 2	1	288, 557 10, 216 103 12 2	31, 649	8, 137 128 8	9, 850 12, 157	106, 544 8, 617 90 13	3, 700	. 13	726	2, 080	136 130

#### FORESTRY AND FISHING

2, 338	16	2, 776	16	8, 339	58	16, 160	68	16, 419	63	14, 220	41	8, 707	25	3, 740	12	686	4	137	2	43
2, 333	12	2,771	9	8, 267	22	16, 041	38	16, 333	51	14, 143	36	8, 651	23	3, 714	12	681	4	137	2	44
2,000		-,		2		2		6		1		1								. 45
				6		5		8		4		1								46
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		1		4		8		15 4		3		8								54 55
				2 3				4		3 4		2 2		2						56
				2		3				9										57
		1		17 4		25 4		5		11		21		16 3		4				57 58 59
2						4		5		9		*		Ĭ						
					363	46, 725	623	43, 668	439	35, 743	288	18, 410	90	6, 820	13	866		198	2	60
5, 190	47	8, 345	116	27,719	363			1, 601			3	892	1	331	1	45		3		61 62 63 64
		9		176 18		944 147	2	422	2	384		205 448		65 127		16		2		63
		18 164		140 941	2	822 2, 210	4	1, 276 1, 960	5	1, 459	3	887	1	366		50		. δ		ì
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			7	4	14	10 115	27	79	19	53	4		1 3	8 21		4				72
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1 1	15	20627—	-33	-27																

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

FORESTRY

[In this table, the occupations of each industry are presented in most cases in five groups: Proprietary, official,

		Total	Male	Female	NATIVE	WHITE	FOREIGI WEI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	MINIO	Foiliate	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
18 19 20 21	Forestry—Continued,  Blacksmiths Boilermakers Carpenters Cranemen, derrickmen, hoistmen, etc Blectricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters Other skilled trades Chauffeurs and truck and tractor drivers Inspectors, scalers, and surveyors Oilers of machinery Saw filers Teamsters and haulers Other lumbermen, raftsmen, and woodchoppers Cooks Cuards and watchmen Housekeepers and stewards Janitors	57 2, 577 309 208 24 19 32 6 5, 459 2, 184 21 683 9, 243 146, 806 3, 540	048 117 360 349 57 2, 577 309 266 24 10 32 6 5, 458 2, 183 2, 183 9, 242 146, 803 2, 426 366 2, 426	1 1 03 1,114	52 2, 173 246 227 211 16 24 4, 806 1, 886 4, 788 6, 703 93, 407 1, 485 278	1 1 57 683	1 162 446 26, 908 756 67 6	2 133	500 32 2 2 5 1,917 22,405			10
22 23 24	Janitors Walters All other occupations	37 531 53	37 185 50	346 8	19 125 36	296 2	18 45 8	41	2 6	4 1	13	5

#### EXTRACTION

25	Coal mines	691, 288	689, 921	1, 367	442, 365	1, 285	184, 928	48	58, 027	83	4,601	1
26 27 28	Owners, operators, and proprietors Managers and officials Foremen and overseers	2, 863 3, 888	2, 855 3, 882 14, 082	8 6 1	2, 493 3, 275 11, 805	7 6 1	359 604 2,202	1	2 3 68		1 7	
29 30 31 32 33 34 35 36	Chemists, assayers, and metallurgists	828 188 416 13 239 872 19	129 828 188 416 13 230 872	10 4	115 705 174 384 12 204 817	16 4	12 31 14 32 1 35 54					
38 40 41 42 43 44 45 47 48 49 50	Accountants and auditors. Agents (not elsewhere classified) Bookkeepers and cashiers Clorks Commercial travelers. Messenger, errand, and office boys and girls Office appliance operators. Purchasing agents. Sales agents. Salesmen and saleswomen Shipping clerks. Stenographers and typists. Weighers 1. Other clerical pursuits.	224 2,061 3,728 57 46 10 79 12 103 106 591	357 220 1, 689 3, 394 57 41 4 79 122 101 161 146 1, 253	7 4 372 334 5 6 	332 180 1, 641 3, 227 53 34 4 777 12 98 153 141 1, 133	7 3 366 326 5 5 5 5 437 5 2	25 40 47 149 4 1 2 2 7 4 111	5 7	13 6		5	
52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	Blacksmiths Boilermakers Brick and stone masons Carpenters Cranemen, derrickmen, hoistmen, etc Blectriclaus Engineers (stationary) Forgemen and hammermen Machinists Machanies (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Pattern and model makers. Plumbers and gas and steam fitters Other skilled trades.	1, 418 5, 905 7, 128 13 3, 941 1, 093 17 149 14 264	8, 791 53 428 4, 154 1, 418 5, 905 7, 127 13 3, 941 1, 093 17 149 144 204	1	2, 921 45 153 3, 635 5, 404 6, 103 10 3, 347 980 14 132 14 227 17	1	808 7 264 492 149 403 854 3 468 89 3 10		58 1 10 18 10 36 102 117 22 7		4 1 0 4 2 8 9 2	
67 68 69 70 71 72 73 74 75 76	Apprentices Chauffeurs and truck and tractor drivers Firemen. Guards and watchmen Inspectors Jantors Ollers of machinery Operatives Policemen All other occupations.	39 1, 735 1, 946 1, 589 2, 823 136 273 621, 061 362 74	39 1, 735 1, 946 1, 589 2, 823 123 273 621, 545 362 63	13 116	36 1,560 1,336 1,209 2,133 69 247 383,839 335 48	75 9	3 86 531 353 670 19 18 175, 898 26	8 16	84 77 19 16 34 6 57, 291	3	5 2 8 4 1 2 4, 517	1

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

Includes, also, chemical and metallurgical engineers.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

AND FISHING-Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits;

10 TO 17 OLJ		18 AN YEARS		20 TO 24 OL		25 TO 84 OLI		35 TO 44 OL		45 TO 54 OL		55 TO 64 OLI		65 TO 74 OL		75 Y AND C	EARS	UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
134 	10 14	3   2   7   1   1   1   1   1   1   1   1   1	1 16 40	11 13 38 7 210 19 28 3 1 1,573 153 6 10 1,552 22,327 151 20 1 36 8	12 139	50 4 52 127 21 75 85 4 4 4 7 2, 132 485 2, 018 34, 045 11 344 41	1 208 242 146	188 4 102 117 17 12 851 108 91 7 5 8 1 1 816 563 3 211 1,990 32,064 620 58 8 8 8 9 9	20 297 2	249 7 98 48 9 489 71 49 3 4 12 2 1 298 507 7 260 1,416 20,491 73 37 10	1 5 237	13, 634 423 100 2 12 9	5 76 2	30 28 22 2 31 5 2 5 1 1 14 114 114 122 180 4,697 151 52	11	2 3 1 1 3 14 2 19 658 21 10		9 1 3 9 1 1 156 4	2

#### OF MINERALS

16, 085 . 33	30, 844	102	88, 189	383	170, 962	505	180, 308	235	131, 000	80	58, 550	26	14, 388	3	1, 216		379		25
	1 1 22		35 36 217		326 425 2,660		714 1, 234 5, 024	1 3	911 1, 307 4, 046	4 2 1	613 708 1, 702	2	230 156 371	1 1	23 14 28		1 5	,	26 27 28
	11		34 167 16 32		39 313 76 112		30 189 57 141	1	8 106 32 89		5 32 6 34 2		1 20 1 8		1		i		29 30 31 32 33
			6 54	6	60 305	4 3	76 251	5 1	3 58 149	3	28 81	1	11 82						34 35 36 37
	1		17 12 256	1	97 38 631	3 1 141	131 61 425	2 2 56	73 45 225	1 1 25 17	32 36 84 191	6	3 21 23 48	i	3 6 2 6		1 1		38 39 40 41
5 7 24 5	37 113 13 1	25	569 1 3 2	78 2 2	631 1, 206 13 3	131 2 3	821 25 5	69	416 11 3		5 3		1 1 4						42 43 44 45 46
2	3 6		1 0 22 60	1 158	30 3 38 47 46	1 2 180	4 15 52 18	3 62	2 17 21 6	7	1 11 11 142	2 1	1 5 2		1 7		1		47 48 49 50
1 12 1	15 24 2	30	111 2		341 3 484	2	324 1 1, 023	1 2	250 4 1, 223 16		738 6		204		12		2		51 52 53 54
1	9 33 16		1 24 181 105		14 64 760 364 2,062		15 81 1,094 458 2,188		132 1, 140 295 900		89 685 145 194		28 222 29 29 340		27 4 40		3 3		55 56 57 58 59
22	70 77 56 17		455 387 311 100	1	1, 678 4 1, 286 282		1, 910 4 1, 512 368		1, 663 2 8/3 220 3		1,007 242 92 4		50 11		8 2		3 1		59 60 61 62 63 64 65
	0 1 4		20 20		38 6 70		6 40 2 84		26 4 65 6		14 1 19 5		3		1		1		66
25 60	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		6 408 100		4 624 444		330		122 506 367		43 223 432		8 30 276		1 7 31		1		67 08 69 70
0 0	13 9 9 2 25		35 116 4 54		165 606 10	3	150, 811	3	770 28 18 114, 938	5	379 29 12 48, 406	1	93 26 12, 043 6		979		350		08 69 70 71 72 73 74 75 76
15, 801	3	1	84, 083 17 6	25	154, 947 109 11	27	128	5	70	2	32	2	8		1 1	1	-l	_	1 76

Does not include "check weighers."

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

EXTRACTION OF

					NATIVE	******	FOREIG	N-BORN	NEG		1	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	NATIVE	WHITE	wn	ITE	NEG	RO	OTHER	RACES
			!		Male	Female	Male	Fe- male	Male	Female	Male	Fo- male
1	Copper mines		39, 368	142	21, 189	132	11,282	8	83		6, 864	2
2 3 4	Owners, operators, and proprietors	148 234	148 233	1	96 187	<u>1</u>	27 46				25	
5			1, 052 160	1	703 137		302 11	l		ł	12	
6 7 8	Chemists, assayers, and metallurgists	66 52	66 51	1	59 45	ī	6 5				1	
9 10	Electrical engineers Mochanical engineers Mining engineers Other professional pursuits	41 53 386	41 53 386		39 43 341		2 9 43				1 2	
11 12		11	109	4	9 96	4	13					
13 14 15	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashlers	149	20 129	20	18 113	20	13 2 14		2		2	
16 17	Clerks Purchasing agents Stenographers and typists	548 19 108	515 19 33	33 75	444 16 30	31 71	56 3 3					
18 19	Purchasing agents Stenographers and typists Weighers Other clerical pursuits.	11 28	11 26	2	10 21	2	1 5					
20 21	BlacksmithsBoilermakers	456 152	456 152		304 124		126 27				28 1	
22 23 24	Brick and stone masons Carpenters Craneman desciptions hoistman ate	566 426	34 566		17 380		17 156				30	
23 24 25 26	Carpenters Cranemen, derrickmen, hoistmen, etc. Electricians Engineers (stationary)	436 513 931	436 513 931		378 444 696		51 63 222				7 6	
27 28 29	Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters.	751 143	751 143		564 119		123 16		1		13 64 7	
30 31	Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters	24 75 243	24 75 243		20 51 180		20 30				4	
32 33 34	Sawyers Tinsmiths and sheet-metal workers Other skilled trades	19 14	19 14		9 10		10				i	
85	Chauffeurs and truck and tractor drivers	13   152	13 152		13 125		10					
36 37 38	Firemen. Guards and watchmen. Inspectors	228 368	228 368		159 166		67 181		1		17 2 20	
39 40	JanitorsOilers of machinery	48 27 143	48 25 143	2	38 5 116	i	10 15 15	1	3		2	
41 42	Operatives	30, 939 37	30, 936 37	3	14, 836 28	1	9, 550 9		25		6, 525	2
43	Gold and silver mines	22, 252	22, 171	81	18, 170	74	4, 880	7	17		1, 104	
44 45 46	Owners, operators, and proprietors Managers and officials	497 480	492 474	5 6	397 399	3 6	92 75				8	
47	Foremen and overseers  Chemists, assayers, and metallurgists	356 102	356 102		287		64		· • • • • • • • • • • • • • • • • • • •		5	
48 49 50	Chemists, assayers, and metallurgists	35 12	35 12		28 11		12 7		***********		1	
51 52	Mining engineers 2. Other professional pursuits	304 13	304 11	2		<u>2</u>	41				1 2	
53 54	Accountants and auditors. Bookkeepers and cashiers.	32	29	3	27	3	2 .					
55 56	Stenographers and typists	86 34	53 75 6	11 11 28	61 61	11 11 28	9 13				1	*******
57 58	Other clerical pursuitsBlacksmiths	28	27	1	24	1	3 .	2				
.59 60	Carpenters	292 179 193	292 179 193		220 133 170		63 45			. <b></b>	0 .	
61 62 63	Engineers (stationary)	116 867	116 367		99 303		17 (.	[-			2 .	
-64	Machinists Mechanics (not otherwise specified) Millwrights	186 136 48	186 136 43		150 118		34   10				$\begin{bmatrix} 1 \\ 2 \\ 1 \end{bmatrix}$	
66 67	Millwrights Plumbers and gas and steam fitters Other skilled trades	43 29 30	29 30		33   - 26   - 18   -		10 3 12					
489 I	Chauffeurs and truck and tractor drivers	114 25	112 25	2	105	2	6	[,			1	
70 71	Janitors	195 20 100	195 19	î	133 10	1	gř  -				i	
72	Offers of machinery	18, 157 9	100 L 18, 148	9 2	12,887		17 4, 172	2 1			1,072	
	Includes, also, all technical engineers not elsewhere cle		' 1	4 }1	6 i	1	1	1 1				

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MINERALS-Continued

то 17 ОІ	YEARS	18 AN YEARS		20 TO 24 OLI		25 TO 34 OLI	YEARS	35 TO 44 OL		45 TO 54 OL		55 TO 64 OLI	YEARS	65 TO 74 OL	YEARS D	75 YE AND C	ARS	AG: UNKN	EOWN
fale	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
246	2	1, 229	10	5, 649	38	10, 740	55	10, 141	21	7, 191	13	3, 092	2	934	1	124		22	
		1		3 2 22		9 18 202		32 64 351		53 83 327	1	32 39 120		15 21 28		3 5 2		i	
		6		37		42		41	1	24	 	10		  ;-		<u>-</u>	 		
		<u>2</u> -	<u>i</u> -	9 7		18 18		15 12 17		15 5 9		6		1 1					
				2 3 30		12 20 139		15 98		9 70		33		13		3			
				1						5		3		4					
		1		13		25 4 41	1 10	35 5	3	19 5 29	i	12 4		1		$\frac{1}{2}$			
3	ī	6 14	3	12 01	6 4	165	13	28 124 8		73 6	5	29 1	1	15		1		-	
	ī	1	2	1 8 3	27	3 17 3	31	7 2		1	. 4	<u>i</u>		1	_ 1		-		
2		3	1	1	1	6		100		5			1	_ 18				_ 1	
		15 2		63 14 5		86 43 7		53 6		99 25 4		74 11 10		4 2				-	
2 1		8		45		115 150		125 127		124 86 74		106 28 17				-			
ī		5 8		35 71 68 90		215 189		127 206 192		208 130		184 78		- 65 24		2 2			
		19 5		73		216 49 6		35		27		10		-					
		2 8		1 8 24		28 85		17		12 42		18		-  }	3				-
 		2		24 3 3				3		2									
		40		- 5 44		54	l l	21		12				1	ļ				-
3 1		13 4 2		30		54		50		- 46 98	}	29 115	2	\ 94	1	. 10			
			-	2	1	- 11 - 3		10	i		)		3   1 3		5		!	18	;-
221		1,063		38 4,835 2		" 0 000		8, 07	5   1 7	5, 41	5	2 2,05	9	54·	4				
					1	4, 035	2 13	4, 64	0 17	5, 02	3 1	8 3,70	6	7 1,96	_	2 39		1 1	<u> </u>
118	1	361		12		40	)	6	02	14	2	2 13 2 11	1 4	2 7 4	9		9	1	
			-	- 4	3	38	8	10	5	- 11	3	4	7		4		1		
		;	3		3		8		7		1		7		3				
						: <u>-</u> [	2		4 6		5 4 5		2	~ · · · · ·	3		7	:	
 					[	4	3		1	L	3	•	2		3				
					<u> </u>	4 1				2 1		1 2	5	i	34		1		
		i	1	6 .	4 1	1		4		4	5 1 0	2	6		2		i		
	1		1		6	1			31		4		56		18 16 7		3		
	ī-		3		7		51 22	1	12	1	13		83		2				
	1		1	1	9	(	11   30   45	) !	38   90   55	10	13		23		5 2		1		
			1		3	٠ ا	16	:	39   10		35   13		9	 	5		1		
					4		12		8		9		7		2				
	2		8	:	28	1	42	1	15		13		5		51		13		
			1		2		8		19	1	5		58		2				i7
			6	1, 7	12 27	3,3	28 56	3, 7	25 53	3, 9	21 30 3	4 2,5	1 1	1 1,0	1	2   3	327		
1	07		29	1		ongineers.	1												

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY EXTRACTION OF

					NATIVE	WHITE	FOREIGI WH	N-BORN ITE	NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Iron mines	31, 936	31, 824	112	13, 930	97	14, 244	15	3, 580		90	
2 3 4	Owners, operators, and proprietors Managers and officials Foremen and overseers	21 241 1, 143	21 241 1, 143		15 211 611		6 30 523		8		i	
5 6 7	Chemists, assayers, and metallurgists	201 40 18	201 40 17	1	162 32 14	1	39 8 3					
9 10 11	Draftsmen. Electrical engineers. Mechanical engineers !- Mining ongineers 2. Other professional pursuits.	40 44 252 13	40 44 252 9	4	35 30 231 9	i	4 14 10	3	1		2	
12 13 14	Accountants and auditors	84 12 198	84 12 190	8	72 11 170	6	12 1 20	2				
15 16 17	Accountants and auditors. Agents (not elsewhere classified). Bookkeepers and cashiers. Clerks. Purchasing agents Shipping clerks. Stenographers and typists.	536 18 15	522 18 15	14	469 18 13	12	50 2	2 2	3			l
18 19 20	Other clerical pursuits.	105 15 7	25 15 7	80	23 13 3	74	2 2 2	6	2			
21 22 23 24 25 26 27 28 29	Blacksmiths.  Boilermakers  Brick and stone masons.  Carpenters  Cranemen, derrickmen, hoistmen, etc.	449 47 26 441 483	449 47 26 441 483		190 33 11 192 352		240 13 13 238 129		19 1 2 11 2			
26 27 28 29	Brick and Stone masons. Carpenters. Cranemen, derrickmen, hoistmen, etc. Electricians Engineers (stationary) Forgemen and hammermen Machinists. Machanies (not otherwise specified)	371 924 12 516	371 924 12 516		301 623 8 393		70 208 4 122		2		 	
30 31 32 33 34	Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters. Other skilled trades	169 12 51 70 8	169 12 51 70		114 10 37 45 5	1	55 2 14 22 2		3			
35 36 37 38 39	Chauffeurs and truck and tractor drivers Firemen Guards and watchmen	153 440 129	153 440 129		123 270 73 50		27 123 54		3 47 2			
40 41	Inspectors Janitors Oilers of machinery Operatives Policemen	82 73 50 24, 248 173	82 72 50 24, 245	<u>1</u>	50 15 33 8, 780 127	2	31 56 16 11,931 46	<u>i</u>	1 1 1 3,448			
42 43	All other occupations	6	173 6		3		1		2			
44	Lead and zinc mines  Owners, operators, and proprietors	20, 537	20, 475	82 1 1	17,486	59	2,476 28 11	3	80		433	
46 47	Managers and officials. Foremen and overseers.	198 534	197 534		186 476	1	11 57				ī	
48 49 50 51	Chemists, assayers, and metallurgists	76 37 14	75 37 14	1 	67 33 13	1	8 2 1				2	
52 53 54	Electrical ongineers Medhanical ongineers 1 Mining engineers 2 Other professional pursuits	26 17 151 7	26 17 151 2	 5	24 14 135 2	5	3 15				1	
55 56 57	Accountants and auditors Bookkeepers and cashiers Clorks	34 159 219	34 146 203	13 16	31 141 195	12 16	3 4 8	1				
58 59 60	Purchasing agents Stenographers and typists Other clerical pursuits	28    30    32	28 13 29	17	26 13 27	16 3	<u>2</u>	1				
61 62 63 64	BlacksmithsCarpenters. Cranemen, derrickmen, hoistmen, etcElectricians	268 302 413 233	268 302 413 233		228 279 395		39 23 16				1 2	
66 67 68	Engineers (stationary).  Machinists  Mochanics (not otherwise specified).  Millwrights.	445 382 130 26	445 382 130 26		225 422 356 128 24		8 21 21 2 2				5 	
69 70	Plumbers and gas and steam fittersOther skilled trades	65 34	65 <b>34</b>		58 26		7 8					
71 72 73 74	Chauffeurs and truck and tractor drivers Firemen Guards and watchmen Ollers of machinery	100 62 161 22	99 62 161 22	1	91 57 134 20	1	4 5 26 2		2		2 1	
75 76	Operatives All other occupations  Includes also all technical engineers not alsowhere of	16, 154 26	16, 153 23	1 3	13, 521 16	1 3	2, 142		75		415	

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MINERALS-Continued

	7 YEARS	18 AN YEAR	D 19	20 TO 24 OL	YEARS D	25 TO 34 OL	YEARS D	35 TO 44 OL	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OL	YEARS D	65 TO 74 OL	YEARS D	75 YE AND (	ARS OVER	UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
174	5	1, 051	10	3, 954	86	7, 361	84	9, 409	15	6, 702	10	2, 509	1	602	1	50		12	
				1 1 28		2 15		3 91		8 75		4 40		3 16		2		1	
		1		20		157 65		439 65		320		158		37		3		<b></b>	<b>-</b>
				4 2	1	14 8		8		30 13	******	8 1 1		2					
				1 2		18 10		15 8		3		ī		1					
				21		82		81		14 49 3	3	10 11		8					
				2	*******	15	1	4			3	2							
						3		30 3 52		28 2		9		3 3					
		$^2_{12}$	1	17 81	3 7	61 175	1	160 7	2	43 60	3	12 27	<u>î</u> -	7					
		- <b></b>		-1		6		5		3 4		3		1					
	4	. 1	8	6 5	24	12 3	28	6 3 3	12		4	3		1					
1										3									
		5		21 2		84 14		136 14		129 10		58 7		16					
		3		1 9		62		A		10 134		5 83 37		2 21		i			
1		3 5 5		23 50 50		112 140		128 169 120 290		131 45		10		5 1					
1		8		50 5		192 4		290 3		234		113		33		2		1	
		10		45 14		147 33		132 58 2 7		120 42		47 17		15		<u>1</u>			
 1				1 7		1		2		7 9		1 7		<u>-</u>		1			
1		2 1		5	1	18 13 1		28 2		18 2		4							
		1		34	1	61						5							
		6		74		114		29 112		17 88 24		35 37		9 23		1 3		1	
		2		4 5		14 19		20		16 20		16 23		10	1				
1			1	. 2		4		11		40		3							,
		4		9		13		14		4 000		1 000		1 269		34			
166	1	973	i	3, 387 5		5, 629 40		7, 065 53	1	4, 928 44		1, 686 23		368 8		34		9	
	1	973		3, 387 5		5, 629 40		7, 065 11 14 7, 065		1 1		1, 686 23		368 8					
166	1		5	3, 387 5 2, 916	12	5, 629 40 5, 856	23	5, 355	18	3, 565	4	1, 686 23 		368 8 		48		7	
166	1	ī		3, 387 5	12	5, 629 40 5, 856	23	5, 355	18	3, 565 38 72		1, 686 23 1, 585 31 26		368 8 					
166	1	ī		3, 387 5 2, 916	12	5, 629 40 5, 856 12 20 91		5, 355 50 61 194	18	3,565 38 72 167	4	1, 686 23 		368 8		48			
166	1	ī		3, 387 5 2, 916	12	5, 629 40 5, 856 12 20 91 31 13	23	5, 355 50 61 194	18	3, 565 38 72 167 14	4	1, 686 23 		368 8 		48			
166	1	ī		3, 387 5 2, 916	12	5, 629 40 5, 856 12 20 91 31 13 4		50 61 194 21 8 4 4 8	18	3, 585 38 72 167 14 7	4	1, 686 23 		368 8 		48			
166	1	ī		3, 387 5 2, 916		5, 629 40 5, 856 12 20 91 31 13	1	50 61 194 21 8	18	3, 565 38 72 167 14 7 3 4 4 4 87	4	1, 686 23 		368 8 		48			
166	1	ī		3, 387 5 2, 916 3 6 6 7 3 1 1 0 1	12	5, 629 40 5, 856 12 20 91 31 13 4 10 2 44	1	5, 355 50 61 194 21 8 4 8 10 44	18	3, 565 38 72 167 14 7 3 4 4	4	1, 686 23 1, 585 31 26 64 3 2		368 8 487 15 10 12		48			
166	1	570	5	2,918 2,918 3 6 6 7 3 1 1 0 1 2 27	2	5, 629 40 5, 856 12 20 91 31 13 4 10 2 44	1	5, 355 50 61 194 21 8 4 4 8 10 44 	18	38, 565 722 167 14 7, 3 4 4 4 37, 1 6	4	1,686 23 1,585 31 26 64 3 2		368 8 487 15 10 12 		48			
166		570	1	3, 387 5 2, 916 3 6 6 6 7 7 3 1 1 1 0 1 2 27 50	2	5,856 12 20 91 31 34 4 10 24 44 10 588 71 3	1 37	5, 355 50 61 194 21 8 4 8 10 44 44 	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3, 565 38 72 167 14 7 3 4 4 37 1	4	1,686 23 1,585 31 26 64 3 2 3 10		368 8 487 15 10 12		48			
166		570	5	2,918 2,918 3 6 6 7 3 1 1 0 1 2 27	2 4 1	5,856 12,20 91 31,13 4,10 2,44 10,58 71	1 3 7	5, 355 50 61 194 21 8 4 8 10 44 	18	3, 565 388 722 167 14 7 7 3 4 4 4 377 1 1 6 14 24 24	4	1,686 23 1,585 31 26 64 3 2 3 10		368 8 487 15 10 12 7 7 1 4 3 3		48 2 2 2			
166		1 570		3, 387 5  2, 916  3 6 6 7 7 8 1 1 1 1 2 27 500 - 7 2 1 1 3 1 3	2 4 1	5,856 12,20 91 13,4 10,2 44 	1 3 7 8	5, 855 50 61 194 21 8 4 8 10 44 	18 1	38 72 167 14 7 3 4 4 87 7 1 6 14 24 7 7 5 87 87	1	1,686 23 1,585 31 26 64 3 2 3 		368 8 487 15 10 12 7 7 1 4 3 3 3		48			
166		1 570 2 4 4 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	3, 387 5  2, 916  3 0 6 7 7 3 1 1 1 2 2 7 7 2 13 24 4 22	2 4 1 5	5, 856 12, 20, 91 31, 13, 4, 10, 22, 44, 44 	1 3 7 8	5, 855 50 61 194 4 8 10 28 40 12 1 6 68 87 134	18 1	38 72 167 14 7 3 4 4 4 87 7 1 6 8 7 5 7 6 8 7 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 1	1,686 23 1,585 31 20 64 3 2 3 10 		368 8 487 15 10 12 7 7 1 4 3 3 3		43 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		7	
166		2 4 1 3 3 3	1 1 2	3, 387 5  2, 916  3, 0 6, 7 7, 1 1 2, 27 7, 2 13, 24 42, 42 21, 31 21, 31	2 4 1	5, 856  12, 200 91 31, 13, 44 100 24, 44	1 3 7 8	5, 855  50 61 194 21 8 4 4 8 10 24 10 28 40 11 6 68 87 134 70 127	18 1	3, 565 38, 72 167 14 4 4 37 1 6 14 24 7 68 87 75 255	1	1,686 23 1,585 31 26 64 3 2 2 3 10 		368 8 487 15 10 12 7 7 1 4 3 3 3		48 2 2 2		7	
166		1 570	1 1 2	3, 387 5 5 2, 916 3 6 6 6 6 7 3 1 1 1 2 2 7 5 0 0 7 2 2 1 3 2 4 4 2 2 3 1 1	2 4 1 5	5, 856 12 200 91 31 13 44 100 588 71 32 24 44 100 588 71 135 90 90 90 90 90 90 90 90 90 90 90 90 90	1 3 7 8	5, 855  500 611 194 21 8 4 4 8 100 44	18 1	38 72 167 144 7 3 3 4 4 4 24 7 5 5 87 67 67 67 92 26 25 26 26 26 26 26 26 26 26 26 26 26 26 26	1	1,686 23 1,585 31 26 64 3 2 2 3 10 5 12 9 9 3 3 3 3 9 40 21 5 65 65 4 65 4 65 4 65 4 65 4 65 4 65		368 8 487 15 10 12 7 7 1 4 3 3 3 9 11 13		43 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		7	
166		1 570 	1 1 2	3, 387 5  2, 916  3, 6 6, 7 8, 1 1 1 2, 27 50 1 13, 24 44 31, 31 31 31	2 4 1 5	5,856  5,856  12 20 91  31 13 4 10 2 44  10 588 71 3 2 7 135 99 777	1 3 7 8	5, 355  50 61 194 21 8 4 8 10 42 12 28 40 122 1 16 687 134 70 127 111 36 88 15	18 1	3, 565 38 72 167 14 4 4 4 4 4 4 7 7 8 7 8 7 8 7 8 7 8 7 8	1	1,686 23 1,585 31 26 64 3 2 2 3 3 		368 8 487 15 10 10 12 		43 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		7	
166		1 570 2 4 4 3 3 3 3 3 5 5 5 5	1 1 2	3, 387 5  2, 918  3, 0 6 6, 7, 3 1, 1 1, 1 2, 2 27, 50  7, 2 13, 24, 42, 31, 24, 31, 31, 31, 31, 31, 31, 31, 31, 31, 31	2 1 5	5, 856  12 20 91 11 31 13 4 100 22 444 100 588 71 135 99 777 1135 39 6 6 188 6	1 3 7 8	5, 355  50 61 194 4 8 10 44	18 1 1 1 2 7 1 2	3, 565 38 72 167 14 4, 44 87 6 14 24 7 6 87 68 755 128 75 128 18 5	1	1,686 23 1,685 31 26 64 3 2 2 3 3 		368 8 487 15 10 12 7 7 1 4 3 3 3 9 11 13		43 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		7	
166		1 570 2 4 4 1 3 3 3 3 3 5 5 1 1 2 2 2 2 2	1 1 2	3, 387 5  2, 916  3, 0 6, 7 7, 1 1 1 2, 27 7, 50  7, 2 13, 244 42, 31 21 36, 122 7, 7 7, 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2 4 1 5	5, 856  12, 200 91 31, 13, 14, 100 24, 14, 100 58, 71, 13, 13, 13, 13, 13, 13, 13, 13, 13, 1	1 1 3 7 8 8	5, 355  50 61 194 44	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3, 565 38 72 167 14 4 4 4 87 7 6 14 7 7 87 68 75 75 75 75 75 75 75 75 75 75 75 75 75	1	1,686 23 1,585 31 26 64 3 2 2 3 3 		368 8 487 15 10 12 7 7 1 4 3 3 3 9 11 17 7 7 15 10 10 11 12 12 12 12 12 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15		43 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		7	
166 8 191 2 2 2 2 3 8 3		1 570 2 4 1 3 3 3 3 5 5 5 1 1 2 2	1 1 2	3, 387 5  2, 916  3, 6 6, 7 8, 1 1 1 2, 27 50  13, 24 42, 23, 21 23, 21 33, 22 7, 3	2 4 1 5	5, 856  12 20 91 11 31 13 4 100 22 444 100 588 71 135 99 777 1135 39 6 6 188 6	1 1 3 7 8 8	5, 855  50 61 194 21 8 4 4 8 10 28 40 12 1 6 68 87 134 70 127 111 86 88 77 24 24	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	38 72 167 14 7 3 3 4 4 4 4 87 7 1 6 14 4 24 7 7 5 87 68 78 79 26 4 18 5 5	1	1,686 23 1,585 31 26 64 3 2 2 3 10 3 3 3 3 9 40 21 5 65 20 14 15 15 15 15 15 15 15 15 15 15 15 15 15		368 8  487  15 10 12  7  14 43 3 3  9 11 17 7 15 22 2 2 36 11 30 11		43 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		7	

Includes, also, chemical and metallurgical engineers.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

EXTRACTION OF

<del></del>		[In this tabl	le, the occu	pations of	each indus	ry are pre			303 IN 11 70 E	, rougo. = r		
		Total	Male	Female	NATIVE	WHITE	FOREIGE WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	141416	Tunaio	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Other specified mines.	15, 720	15, 597	123	11, 061	110	1, 059	6	2, 371	6	1, 106	1
2 3 4	Owners, operators, and proprietors Managers and officials Foremen and overseers	140 348 593	140 348 592	1	127 317 546		13 30 32		1 5		9	i
б 6 7	Chemists, assayers, and metallurgists	91 38 12	87 38 12	4	85 37 12	4	2 1					
8 9 10 11	Draftsmen Electrical engineers Mechanical engineers! Mining engineers <sup>1</sup> Trained nurses	15 24 111 2	15 24 111	2	14 23 103	2	1 1 8			l		
12 13 14 16	Accountants and auditors	48 13 106 172	47 13 97 151	1 9 21	43 12 95 140	1 9 20	4 1 2 6	1		1		
16 17 18	Purchasing agentsStenographers and typistsOther clorical pursuits	10 68 39	10 4 38	64 1	9 4 35	60 1	1 2	1 4				
19 20 21 22	Blacksmiths. Brick and stone masons. Carpenters. Cranemen, derrickmen, holstmen, etc.	201	95 13 221 201		68 9 204 189 125		19 3 13 7 8		4 4		<u>1</u>	
22 23 24 25 26	Electricians	136 878 168 141 22	136 378 168 141 22		362 148 119		13 16 8		1 1 2		3 12	
27 28 29 30	Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Other skilled trades	14 41 29	14 41 29		20 13 36 25		3 2		1 1 2		1	
31 32 33 34	Chauffeurs and truck and tractor drivers. Firemen Guards and watchmen Inspectors	219 171 129 49	219 171 129 49		190 135 114 43		5 10 5 2		10 23 7 3		8 3 1	
35 36 37	Inspectors Ollers of machinery Operatives All other occupations	11, 788 26	11, 771 23	17 3	7, 604 10	12 1	838	1	2, 281 10	5 1	1, 048 2	
38	Not specified mines	31, 219	30, 652	567	21, 179	582	6, 846	30	668	1	2, 459	4
30 40 <b>4</b> 1	Owners, operators, and proprietors	853 908 619	845 903 619	8 5	652 743 474	5	175 154 125	1	Ĭ		19	
42 43 44	Chemists, assayers, and metallurgists	268 239 43 57	264 239 38 57	<u>4</u> 5	235 209 35 51	<u>5</u>	28 26 3 6					
45 46 47 48 49	Electrical engineers. Lawyers Mechanical engineers ! Mining engineers ! Trained nurses	14 101 1, 218	14 101 1, 218	1	12 76 1,043		25 165				10	
50 51 52	Accountants and auditors	260 43 312	257 43 226	3 86	223 35 196	84		2			.  4	
58 54 55 56	Olerks.  Commercial travelers.  Messenger, errand, and office boys and girls.  Purchasing agents.	26 13 37	396 26 13 36	1	346 19 11 81	1			1		1	
57 58 59 60	Salesmen and saleswomen Shipping clerks. Stenographers and typists Weighers	328 17	52 11 35 16	203	45 7 31 15	277	3 1	15			1	1
61 62 63 64	BlacksmithsBoilermakers	381 35	381 35		9 256 32		117		. 2	3	. 6	
64 65 66 67	Carpenters Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary)	288 263 290	288 263 290 974		818		53 37 27 140			3	1 10	
68 69 70 71 72 78	Machinists Mechanics (not otherwise specified) Millwrights Painters gladers and varnishers (hydding)	454 213 36	454 213 36 19		188	3	- 70 18 9		. 2		5	
	Other skilled trades	26	64 26		52 18	3	11				21	
74 75 76 77 78 79	Chauffeurs and truck and tractor drivers	90 183 78	242 90 183 78		204 78 128 64	3	- 11 - 48 - 14			3		
78 79 80	Janitors. OperativesAll other occupations	21 21, 558	21, 545	13		7   2 1 9 5   3	4,916	1 1	. 630	i 2	2, 238	2

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MINERALS-Continued

	7 YEARS LD	18 AN YEAR	ID 19 3 OLD	20 TO 24 OL		25 TO 34 OLI		35 TO 44 OL	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OLI	YEARS D	65 TO 74 OL	YEARS D	75 YE AND O	ARS	AG UNKN	OWN E
Male	Fo- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
359	1	692	18	2, 483	29	4, 429	48	3, 461	17	2, 451	13	1, 236	2	419		59		8	
				3 10		. 54		22 113		42 101		34 53		13 17		4			
		1		26		133	1	221		144		53 58		8		1			
		4		22	1	33 16	3	15 10		6 7		6 1		1				1	
				9		1		1 5		6				i					
				5 6		7 28		4 20		6 36		$\frac{2}{12}$	1	8		1			
				4		24	1	12		6	1	1	1						
			1		1	4 42 52	3	3	3	2 13	I	1 7		3					
		10	2	13 35	1 4	52 6	10	21 29 3	3	15	i	7	1	3					
2			8	9	20 1	3 8	26	1 10	7	7	3	2							
				7		19				24		11	 	6					
		3 3		1 10		$^2_{44}$		3 79		5 53		29		3					
		1		40 22 62		79 60		53 35		17 12		7 6		2 					
		5 1		12		123 49		28 3 79 53 85 91 53 89		66 41 23		22 8 8		5 3		1			
		2		13 2 2		56 6 3		5 5		5 1		4							
		i		3 4		18 11		11 5		7 6		1 2		î					
к		9		"															
5 1		5		49 20 8		108 53 21		39 50 28 13		14 23 25		7 33		3 10		3			
		2		·· - 13		16 16		13 11		9 7 1,717		1		1					
344 3	1	642	1 1	2,049 2	2	3, 313 2	4	2,419 8	3 1	1,717 5	6 1	904 5		327		49		7	
265	6	738	40	3, 155	157	0.000	188	6, 730	97	6, 564	51	4, 285	21	2, 118	6	373	1	41	
				a, 100	107	6, 383	100								<u> </u>				
		1			107	62 78	1	142 218	2	261 284	4 1	215 198	2	120 93	2	32 18			
				10 12 18	107	62 78 119		142 218 171	2	261 284 188	4 1	215 198 87		120 93 28		18 4		2 2 2	
		1 2 5	40	10 12 18	1	62 78 119 65 54		142 218 171 52 54	2	261 284 188 59 65	1	215 198	2 1 2	120 93		18			
		1		10 12 18		62 78 119 65 54 15		142 218 171 52 54 12 15	2	261 284 188 59 65 5	4 1	215 198 87 44 33		120 93 28 13 12		18 4		2 2 2	
		1 2 5		10 12 18 23 19 3 4	1	62 78 119 65 54 15 13 2		142 218 171 52 54 12 15 4 22	2	261 284 188 59 65 5 14 3	1	215 198 87 44 33		120 93 28 13 12	2	18 4		2 2 2	
		1 2 5		10 12 18 23 19 3 4	1	62 78 119 65 54 15 13		142 218 171 52 54 12 15	2	201 284 188 59 65 5 14 3 33 359	1	215 198 87 44 33 9 4 22 216		120 93 28 13 12 2 1 9 73	2	18 4 2 2 2		2 2 2 1	
		1 2 5		10 12 18 23 19 3 4 4	1	62 78 119 65 54 15 13 2 10 214	1	142 218 171 52 54 12 15 4 22 288	2	201 284 188 59 65 5 14 3 33 359	1 2	215 198 87 44 33 9 4 22 216	2	120 93 28 18 12 2 1 9 73	2	18 4 2 2 2 1 20		2 2 2 1	
	1	5 3		10 12 18 23 19 3 4 4 45	1 1	62 78 119 65 54 15 13 2 10 214	1	142 218 171 52 54 12 15 4 22 288 80 9 49	2	201 284 188 59 65 5 14 3 33 359 	1	215 198 87 44 33 9 4 22 216	2	120 93 28 13 12 2 1 1 9 73	1 1 1	18 4 2 2 2 		2 2 2 1	
6	1	1 2 5 3 3 4 13	3 11	100 122 188 233 19 3 4 4 45 122 27 50 9 2	1	62 78 119 65 54 15 13 2 10 214	1	142 218 171 52 54 12 12 15 4 22 288 80 9 9 49 9 6	2 2 22	261 284 188 59 65 5 14 3 33 359 44 19 40 69	1 2	215 198 87 44 33 9 4 22 216	2	120 93 28 18 12 2 1 9 73	1 1 1	18 4 2 2 2 		2 2 2 1	
6	1	5 3	3 11	10 12 18 23 19 3 4 45 12 2 27 50	1 1 1 21 25 1 1	73 73 119 65 54 15 10 214 73 3 71 108	1	142 218 171 52 54 12 15 4 22 288 80 9 49 94 5	2 2 22	261 284 188 59 65 5 14 4 3 33 359 44 19 40 69 10	1 2	215 198 87 44 33 9 4 22 216	2	120 93 28 13 12 2 1 1 9 73	1 1 1	18 4 2 2 2 		2 2 2 1	
	1	1 2 5 3 3 4 13 6 6	3 11	10 12 18 23 19 3 4 4 45 12 2 27 50 2 2 2 2 2 2 2 2 2 2 2 5 5 5 5 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 1 21 25 1 1	62 78 119 65 54 15 13 2 10 214 	1 28 44	142 218 171 52 54 12 15 16 4 22 288 80 9 94 94 13 22	2 22 27 440	261 284 188 59 65 5 5 14 14 3 3 359 9 10 69 10 12 2 3 3 1 14 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 4 4 1 1 1 1	1 2 7 19 19 19 19 19 19 19 19 19 19 19 19 19	215 198 87 44 33 9 4 22 216	2	120 93 28 13 12 2 1 1 9 73	1 1 1	18 4 2 2 2 		2 2 2 1	
	1	1 2 5 3 3 4 13 6 6 5 5 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6	3 11	10 12 18 23 19 3 4 4 45 12 2 27 50 2 2 2 2 2 2 2 2 2 2 2 5 5 5 5 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 1 21 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73 7110 7214 721 721 721 721 721 721 721 721 721 721	1 28 44	142 218 171 52 54 15 4 22 288 80 9 49 94 41 13	2 22 27	261 284 188 59 65 5 14 3 3 359 44 19 40 60 9 10	1 2 7 19 11 1	215 198 87 44 33 9 4 22 216 82 6 26 26 29 5	3 8	120 93 28 13 12 19 73 13 8 6 18 1	1 1 1	18 4 2 2 2 2 20 20 20 20 20 20 20 20 20 20 20 20 20 2		3	
	1	1 2 5 3 3 4 13 6 6 5 5 6 6 5 6 6 6 6 6 6 6 6 6 6 6 6	3 11 25	10 12 18 23 19 3 4 45 45 22 27 50 2 2 2 2 2 2 13 19 19 19 19 19 2 2 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 21 25 1 1 100 1 1	78 78 110 65 54 15 13 2 10 214 71 1088 2 2 10 214 	1 28 44	142 218 171 52 54 12 16 16 4 22 288 80 9 49 94 41 13 13 6 6 6 6	2 22 27 40	261 284 188 59 65 5 14 4 3 3 33 359 40 60 60 60 60 60 60 60 60 60 60 60 60 60	7 19	215 198 87 44 33 9 4 22 216 82 6 26 29 5 7	3 8	120 93 28 18 12 19 73 3 6 6 18 1 1	1 1	18 4 2 2 2 2 20 20 20 1 3 3		2 2 2 1	
	1 3 3 1	1 2 5 3 3 4 13 6 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 11 25	10 12 18 23 19 3 4 4 45 12 2 27 27 27 50 2 2 2 2 2 2 2 13 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1 1 21 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73 3 2 8 8 7 7 12 6 6 6 2 6 7 7 4 7 7 4 7 7 4 7 7 7 4 7 7 4 7 7 7 4 7 7 4 7	1 28 44	142 218 171 52 54 4 12 288 80 9 49 49 5 5 6 6 6 6 6 6 6	2 22 27 40	261 284 188 59 65 5 14 3 3 3 3 359 40 69 10 11 23 2 2 2 2 2 101 6	1 2 7 19 13 13 13 13 13 15 15 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	215 198 87 44 33 9 4 22 216 20 20 29 5 8 7	388	120 93 28 13 122 2 1 0 73 3 6 18 1 1 1 1	1 1	18 4 2 2 2 2 20 20 20 20 20 20 20 20 20 20 20 20 20 2		3	
2	1 3 1	1 2 5 3 3 4 13 6 6 3 3 3 2 2	3 11	10 12 18 23 19 3 4 45 12 2 27 50 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 21 25 1 1 1 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73 3 71 108 8 8 7 7 47 47 69 9 88	1 28 44	142 218 171 52 54 4 12 288 80 9 49 45 5 5 6 4 13 2 2 8 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	2 22 27 40	261 284 188 59 65 5 14 4 4 3 3 33 35 35 9 40 09 10 12 2 2 2 101 6 6 5 5 14 14 19 19 19 19 19 19 19 19 19 19 19 19 19	1 2 7 19 13 13	215 198 87 44 33 32 216 66 26 29 1 1 1 87 2 4 2 2 1 6 6 6 6 6 2 6 7 7	388	120 93 28 13 122 2 10 73 3 6 8 18 1 1 1 1 2 2 3 6 6 6 6 6 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	18 4 2 2 2 2 20 20 20 1 3 3		3	
2	1 3 1	1 2 5 3 3 4 13 3 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	3 11 25	10 12 18 23 19 3 4 45 12 2 27 50 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 21 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73 3 71 108 8 2 2 6 6 2 2 6 98 189 189 1399	1 28 44	142 218 171 52 54 12 15 16 4 22 288 80 9 94 4 13 2 2 6 6 6 8 9	2 22 27 40	261 284 188 59 65 5 5 14 4 3 3 33 359 40 60 60 60 14 23 21 22 101 6 79 57 57 57 57 59 49 40 40 40 40 40 40 40 40 40 40 40 40 40	1 2 7 19 13 13	215 198 87 44 33 3 9 4 22 216 6 26 29 5 8 7 1 1 87 2 24 42 28 177 153 42 23	3 8 8	120 93 28 13 122 2 10 73 8 6 8 18 1 1 1 2 2 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1	18 4 2 2 2 2 20 20 20 1 3 3		3	
2	1 3 1	1 2 5 3 3 4 13 6 6 3 3 9 9 9 9	3 11 25	10 12 18 23 19 3 4 45 5 5 5 10 2 27 50 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 21 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	78 78 110 65 54 15 13 2 10 214 	1 28 44	142 218 171 52 54 12 12 16 4 22 288 80 9 49 94 13 22 84 15 66 68 82 2213	2 22 27 40	261 284 188 59 65 5 5 14 3 3 3 359 44 19 40 69 10 14 23 3 3 1 1 1 2 2 2 2 101 6 5 5 7 9 107 107 107 107 107 107 107 107 107 107	1 2 7 19 13 13 13 13 15 15 15 15 15 15 15 15 15 15 15 15 15	215 198 87 44 33 9 42 22 216 26 26 26 27 1 1 87 21 64 28 17 163 28 7 44 44 47 48 48 48 48 48 48 48 48 48 48 48 48 48	3 8	120 93 28 13 122 2 1 9 73 3 6 6 18 1 1 1 1 1 2 29 3 20 6 6 2 1 2 1 2	1 1 1	18 4 2 2 2 2 20 20 20 1 3 3		3	
2	1 3 1	1 2 5 3 3 4 13 3 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	3 11 25	10 12 18 23 19 3 4 45 5 50 22 22 22 22 22 22 22 22 22 22 22 22 22	1 1 21 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	62 78 119 65 54 15 13 2 10 214 	1 28 44	142 218 171 52 54 12 15 4 22 288 80 9 94 49 94 13 2 2 6 6 6 6 6 6 8 8 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 22 27 40	261 284 188 59 65 5 5 144 14 19 40 69 10 10 23 2 2 2 2 101 79 55 272 94 14 15 16 16 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 2 7 19 13 13	215 198 87 44 33 3 9 4 22 216 6 26 29 5 8 7 1 1 87 2 24 42 28 177 153 42 23	3 8 8	120 93 28 13 122 2 10 73 8 6 8 18 1 1 1 2 2 3 3 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1	18 4 2 2 2 2 20 20 20 1 3 3		3	
2	3 1	1 2 5 3 3 4 13 6 6 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 11 25	10 12 18 23 19 3 4 45 5 5 5 12 2 27 50 2 2 2 2 2 2 2 2 2 3 3 19 9 3 4 4 5 5 19 19 19 19 19 19 19 19 19 19 19 19 19	1 1 21 25 100 100 1	62 78 110 65 54 15 13 2 10 214 73 3 3 71 108 8 7 7 12 6 6 3 7 7 7 9 8 9 8 18 9 9 8 18 9 9 9 9 9 9 9 9 9 9	1 28 44	142 218 171 52 54 12 12 15 16 4 22 288 80 9 94 4 13 2 2 8 6 6 6 8 8 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 22 27 40	261 284 188 59 65 5 14 14 13 33 35 35 9 40 69 10 10 11 23 2 2 2 10 11 6 5 5 14 14 12 12 12 12 12 12 12 12 12 12 12 12 12	1 2 7 19 13 13	215 198 87 44 33 32 216 6 26 29 29 1 1 1 1 1 87 2 2 2 4 2 2 3 3 2 3 2 3 2 3 3 3 2 3 3 3 3	3 8 8	120 93 28 13 122 2 1 9 73 3 6 18 1 1 1 1 1 1 29 3 - 20 6 1 12 9 9	1 1	18 4 4 2 2 2 1 2 2 1 3 3 1 2 2 1 3 3 1 2 1 1 2 2 1 3 1 2 2 1 3 1 2 1 1 1 2 1 2		3	
2	3 1	1 2 5 3 3 4 13 3 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6	3 11 25	10 12 18 23 19 3 4 45 12 2 27 27 27 50 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 21 25 1 1 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	62 78 78 119 65 54 15 13 2 10 214 71 1088 8 7 7 12 6 6 98 98 189 98 189 189 189 189 189 189 18	1 28 44	142 218 171 52 54 12 12 16 4 22 288 80 99 94 13 2 2 8 6 6 8 2 2 2 8 8 13 12 13 14 13 14 13 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	2 22 27 40	261 284 188 59 65 5 5 144 14 19 40 69 10 10 23 2 2 2 2 101 65 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	1 2 7 19 13 13 13 13 13 13 13 13 13 13 13 13 13	215 198 87 44 33	3 8 8	120 93 28 13 122 2 10 73 8 6 8 18 1 1 1 2 2 9 3 3 6 6 6 1 1 1 2 2 1 1 1 1 2 1 1 1 1 1 1 1	1 1	18 4 2 2 2 1 20 2 1 3 3		3	
2	3 1	1 2 5 3 3 4 13 3 9 6 6 4 4 4 4 2 2 14 14	3 11 25	10 12 18 23 19 3 4 45 12 2 27 50 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 21 25 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73 3 3 71 108 8 8 7 47 69 98 180 139 122 122 122 122 122 123 125 125 125 125 125 125 125 125 125 125	1 28 44	142 218 171 52 54 12 12 16 16 16 228 80 94 94 13 22 28 80 6 6 6 82 213 3120 51 120 51 51 51 64 64 228 288 49 49 49 49 49 40 51 51 51 51 51 51 51 51 51 51 51 51 51	2 22 27 40	261 284 188 59 65 5 5 14 14 3 3 33 359 9 40 69 10 12 2 2 2 2 101 69 57 55 27 22 9 9 4 12 13 13 14 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	1 13 13 13 13 13 13 13 13 13 13 13 13 13	215 198 87 44 33 32 216 26 628 29 11 11 87 24 28 17 1650 7 6 10 500 15 44	3 8 8	120 93 28 112 2 1 10 73 3 6 18 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 4 4 2 2 2 1 2 2 1 3 3 1 2 2 1 3 3 1 2 1 1 2 2 1 3 1 2 2 1 3 1 2 1 1 1 2 1 2		3	

Includes, also, chemical and metallurgical engineers.

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

EXTRACTION OF

	NOVEMBER AND COMPUTED VI	[In this tab			NATIVE		FOREIG WH	N-BORN	NEG		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Quarries	98, 344	97, 494	850	68, 598	797	16, 436	30	10, 348	21	2, 112	2
$\frac{2}{3}$	Owners, operators, and proprietors Managers and officials Foremen and overseers	1,604 2,928 3,490	1, 596 2, 908 3, 489	8 20 1	1, 374 2, 660 2, 886	7 18 1	215 241 534	1 2	4 5 50		3 2 19	
5 6 7 8 9 10 11	Chemists, assayers, and metallurgists Civil engineers and surveyors Draftsmeu Electrical engineers Mechanical engineers Mining engineers Other professional pursuits	32 117 85 47 52 52 4	32 117 85 47 52 52 3	1	31 111 72 45 46 44 8	1	1 6 13 2 6 8					
13 14 15 16 17 18 19 20 21 22 23 24	Accountants and auditors. Agents (not elsewhere classified) Bookkeepers and cashiers. Clerks. Commercial travelers. Crodit men Messenger, arrand, and office boys and girls. Purchasing agents Salesmen and saleswomen Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits.	136 41 871 989 71 17 18 23 175 121 386 106 15	127 40 600 846 71 16 17 23 174 121 31 103	9 171 143 	119 38 576 788 66 14 14 21 163 113 30 94	9 257 139 1 1 1 345 3 5	8 22 22 49 4 2 1 2 10 4 1 6	12 4	2 1 4	1	1 2 1	
25 20 27 28 29 30 31 32 33 34 35 36 37	Blacksmiths Boilermakers Brick and stone masons Carpenters. Coopers. Cranemen, derrickmen, hoistmen, etc. Blectricians. Engineers (stationary) Machinists. Mechanics (not otherwise specified) Millwrights Paintors, glaziers, and varnishers (building) Plumbers and gas and steam fitters Stonecuttors. Other skilled trades.		1, 197 55 285 521 11 2, 203 842 2, 646 015 620 110 25 41 8, 575	1	849 40 154 418 7 1, 946 322 2, 329 809 587 86 10 29 2, 080 21	1	315 14 104 88 4 217 15 262 91 71 24 5 9 1,423		30 1 26 14 30 5 45 14 11		1 10 10 10 1	
40 41 42 43 44 45 46 47 48	Apprentices Chauffeurs and truck and tractor drivers Firomen. Guards and watchmen Inspectors Janitors. Oilers of machinery Operatives All other occupations.	21 6, 900 870 777 108 23 124 65, 288 172	6, 998 876 777 108 22 124 65, 263 170	1 1 25 2	20 6, 156 687 595 91 16 92 41, 863	1 4 1	1 338 101 139 11 2 22 12,018 18	1	333 80 35 5 3 9 9, 522 31	19	171 2 8 1 1 1 1,860 7	1
49	Oil wells and gas wells a	198, 448	195, 035	3, 411	187, 761	3,322	4,757	66	1,408	2	1, 109	21
50 51 52 53	Builders and building contractors. Owners, operators, and proprietors. Managers and officials. Foremen and overseers	344 9, 212 5, 878 5, 975	344 9, 156 5, 860 5, 975	56 13	334 8, 864 5, 644 5, 815	54 13	9 272 208 141	i	4 0	1	1 16 8 10	
54 55 56 57 58 59 60 61	Chemists, assayers, and metallurgists  Oivil engineers and surveyors  Draftsmen  Electrical engineers  Lawyers  Mechanical engineers 1  Mining angineers 2  Other professional pursuits	296 1, 112 375 127 212 331 181	292 1,112 357 127 211 331 180 8	18 1	270 1, 034 331 114 209 306 102	17 1	21 73 25 13 2 24	1	1			
65 68 67 68 69 70 71 72 73 74 75 76 77 78	Accountants and auditors Advertising eigents Agents (not elsowhere classified) Bookkeepers and cashiers. Canvassers Clerks. Collectors. Commercial travelers. Credit men Messenger, errand, and officeboys and girls Office appliance operators Purchasing agents. Sales agents. Sales agents. Sales agents. Shipping clerks. Stenografiners and typists. Weighers.	1, 384 11 3, 619 1, 823 28 4, 697 18 120 60 57 155 169 15 258 39 2, 127 8	1, 333 10 3, 593 1, 381 28 3, 994 18 126 63 52 32 166 14 256 39 192 8	703 	8 1, 284 10 3, 507 1, 339 28 3, 860 18 18 122 63 50 30 156 14 247 257 85 7 7	51 25 433 688 688 119 3 1 2	42 78 36 108 4 1 1 1 9	13 13 13 4	1		7 6 17 1	10
79 80 81 82 83 84	Blacksmiths Bollermakers Brick and stone masons Carpenters Cement finishers Cranemen, derrickmen, hoistmen, etc. Includes also, all technical engineers not elsewhere cl	8, 056 1, 254 38 1, 166 15	8, 056 1, 254 38 1, 166		7, 901 1, 197 25 1, 095		111 42 12 56		9 .		35 12 1 13	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MINERALS—Continued

10 TO 1	7 YEARS LD	18 A	ND 19		4 YEARS LD	25 TO 34 OI	YEARS	35 TO 4	4 YEARS LD		4 YEARS LD	55 TO 64	YEARS D	65 TO 74	YEARS LD	75 YI AND (	EARS	UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1, 716	14	4, 050	78	14, 267	252	25, 694	261	22, 361	152	16, 955	73	9, 215	14	2, 900	4	267		69	2
		2 2 5		34 60 116		224 562 750	6 1	428 952 1, 045	1 4	425 780 884	5 5	329 401 523	2 4	133 132 160	î	19 9 6		2 1	
		1 2		11 11 23		10 37 35		7 38 8		2 18 8		8 7		1 3 2		i		1	
				4 6 7		35 18 10 13		13 18 12 1		9 11 10 2		3 5 7		2 3					
		19	1 19	8 5 139	68	40 12 197	84	39 9 115	4 57	21 11 62	1 1 34	17 3 45	3	2	2				
15 8	3 1	50 1 2	9	200 3 1 4	36	266 17 5	38 1	143 28 4	42	100 14 2	15	44 7 3	2	19 23 2		2 4		1	
		2 4	48	$\frac{2}{7}$	1	1 7 51 43	1	1 50 28 3		1 6 31 10		2 17 11		10 3					
i	9	7 1	48	22 10 21 1	136 1 3	9 28 4	115	22 1	37 1 1	18 1	9	2 6 2	1	5		2			
2		21 5 6		64 2 22 20		171 16 40 98		282 10 60 154		312 11 71 139		251 5 48 78		90 2 34 21		6 5 3	******		
6		32 7 30		1 279 61 238		3 839 126 733		047 95		$306 \\ 46$		76 5		$\begin{smallmatrix}1\\17\\2\end{smallmatrix}$		1			
11		15 9		76 60 4		282 218 27		781 256 186 29		544 184 99 30		239 87 41 13		66 15 7 6		3 1		1	
		1 102 1		2 2 424 7		9 16 684 7	1	7 7 768 5		3 12 841 7		2 3 550 2		188		19		4	
17 115 6		2 418 31		1, 771 121	1	2, 808 269		1, 287 194		435 156		138 80		20 18				<u>4</u> 1	
3		5 2 5		28 18 2 22		106 21 3 37		163 26 2 25		179 27 2 22		165 10 5 8		114 3 7 2	<u>i</u>	17 1 1			1
1, 528	1	3, 253 7	1	10, 821 25	6	16, 796 46	10	14, 370 25	1	11, 055 35	1	5, 946 20	1	1, 778 7		.163 2		53 	1
1,002	29	3, 980	272	25, 382	1,058	66, 999	1, 854	53, 568	495	29, 266	142	11, 818 39	47	2, 620	8	310	1	110	5
		8 5 4		112 148 172		00 1, 179 1, 363 1, 886	6	124 2, 732 2, 186 2, 168	17	101 2, 864 1, 431 1, 241	10 4	1, 629 593 439	16 2	532 117 60	7	94 14 6		8	
			2	83 204 124 9	7	129 434 140 59	8	57 315 62 35	3	119 12 20		8 80 9 3		1 8 1		1		1	
		2		5 26 12		60 131 69 5	1	68 113 50		47 45 34		28 15 11 1		3 1 4					
		12	1	149 4 277	12	562 5 1, 854	21	400	11	144 1 589	4 1 10	52 216	2	10		2		2	
8   27   27	6	39 149	36	323 5 903	116	580 12 1,639	256	261 8 823	77 140	110 2 315	24	43 1 115	6 10	69 13 20		- 14   - 2   -		1	1
16	2	1 .	1	3 6 3 8	1	52 24 4	3	38   . 25   .	1	3 22 10		3 7 1 2		11					
2  -		5	4	15 5 1 36	42	77 8 101	59 3	2 48 4 72	121	26 1 34	5 _	8		i .				ī .	1
4	18	1 12	179	9 78	672	11 67 2	800	10 26 2	215	4 5 1	38	3 .	9 -	1 -			1		3
		23		1, 413 174 2 84		3, 354 443 10 285		2, 140 871 9 343		727 171 8 269		146 59 4 143				5 3 2 1		3	8
				1   22   -		90		5 57		1 1		1							8

<sup>&</sup>lt;sup>2</sup> Includes, also, chemical and metallurgical engineers.
<sup>3</sup> Because of indefinite returns by census enumerators, there probably is some overlapping between persons engaged in the production of natural gas and those engaged in the production of artificial gas, and between persons working at petroleum refineries or on pipe lines and persons working at oil wells.

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### EXTRACTION OF

[In this table, the occupations of each industry are presented in most cases in five groups: Proprietary, official,

		[In this tab	,		NATIVE V	1	FOREIGN WHI	-BORN	NEG		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Oil wells and gas wells—Continued											
1 2 3 4 5 6 7 8 9 10	Electricians	788 25, 606 81 1, 596 1, 536 1, 536 1, 265 25 54 75	788 25, 606 81 1, 596 1, 536 1, 536 25 54 75		759 24, 896 70 1, 471 1, 466 280 1, 153 23 49 71		25 574 2 116 55 20 89 2 5		25 1 8 1 12		8 7 3 11	
11 12 13 14 15 16 17 18	Blacksmiths' apprentices. Chauffeurs and truck and tractor drivers Firemen Guards and watchmen Inspectors. Janitors Oilers of machinery Operatives. All other occupations	51 6, 367 1, 774 544 2, 937 118 566 105, 224 179	51 6, 367 1, 774 544 2, 937 111 565 105, 212 176	7	6,086 1,669 481 2,859 60 551 101,147	6	95 94 57 71 13 12 2,197	1	133 5 5 1 25 1,129 22	1	53 6 1 6 13 2 730	3
20	Salt wells and works	7, 125	6, 378	747	4, 459	679	1,330	61	345	3	244	4
21 22 23	Owners, operators, and proprietors Managers and officials Foremen and overseers	21 287 287	19 286 279	2 1 8	18 257 221	2 1 6	1 29 50	2	3		5	
24 25 26 27	Chemists, assayers, and metallurgists	50 15 16 25	49 15 16 24	1	40 13 15 19	1	9 2 1 5					
28 29 30 31 32 33 34 35 36 37	Accountants and auditors	38 31 117 209 166 15 127 30 181 13	37 29 59 189 165 14 125 29 8 13	1 2 58 80 1 1 2 1 173	32 28 52 167 152 13 121 24 8 9	1 2 55 77 1 1 2 1 168	5 1 6 18 13 1 4 5	3 3 35 1	4			
39 40 41 42 43 44 45 46 47 48 49 50	Blacksmiths Bollermakers Carpenters Carpenters Compositors, linotypors, and typesetters Cronemen, derrickmen, hoistmen, etc Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Plumbers and gas and steam fitters Other skilled trades		42 16 115 8 65 34 84 147 142 62 29 84	3	38 13 92 7 51 27 70 120 115 53 18 72	2	13 7 5 23 26 8		1 4 1		2	
52 53 54 55 56 57 58 59	Chaufeurs and truck and tractor drivers	104 130 80 39 26 4, 124 20	104 130 80 39 26 3, 717 20 34	407	777 91 50 22 23 2, 251 17 22	354	28 15 3 922 3	46	311	3	233	

#### MANUFACTURING AND

Building industry	2, 574, 968	2, 549, 803	25, 165	1, 758, 508	23, 373	589, 510	1, 516	181, 173	250	20, 614	26
uilders and building contractors	150, 899	150,710	189 57	111, 478 2 258	167 53	36, 568 506	18	2, 406 26	4	258	
Sanagers and officialsoremen and overseers	19, 116 20, 756	18, 787 20, 703	329 53	15, 814 16, 389	802 44	2, 937 3, 966	27 8	29 281	1	7 67	
hemists	48	48		42		4		1		_1	
esigners	214	181	3 33	138	30	42	2	29 1		23	ī
lectrical engineers	1,404	1,403		3, 643 1, 204	36	182	3	112		15	
fechanical engineers 1	2,019	2,019		1, 733		280		6			
rained nurses	11	9	2	6	i	8	i				
1	uilders and building contractors where, operators, and proprietors and gers and officials oremen and overseers will engineers and surveyors esigners refismen lectrical engineers wyers end and engineers ining engineers inin	150,890   150,890   150,890   150,890   150,890   150,890   150,890   150,890   150,890   160,	uilders and building contractors     150, 899     150, 710       wners, operators, and proprietors     2, 847     2, 79       ahagers and officials     16, 116     18, 787       oremen and overseers     20, 756     20, 756       hemists     48     48       tvil engineers and surveyors     13, 008     13, 005       esigners     214     181       raftsmen     4, 462     4, 42       lectrical engineers     1, 404     1, 403       wyers     40     49       lechanical engineers 1     2, 019     2, 019       lining engineers 2     50     59       rained nurses     11     9	uilders and building contractors     150,899     150,710     180       wners, operators, and proprietors     2,847     2,790     57       langers and officials     19,116     18,787     329       oremen and overseers     20,756     20,703     53       hemists     48     48       lvil engineers and surveyors     13,008     13,005     3       esigners     214     181     33       raftsmen     4,462     4,423     30       lectrical engineers     1,404     1,403     1       wyers     49     49     49       lechanical engineers 1     2,019     2,019     2,019       lining engineers 2     50     50     50       rained nurses     11     9     2	uilders and building contractors     150,899     150,710     189     111,478       wners, operators, and proprietors     2,847     2,790     57     2,258       ahagers and officials     19,116     18,787     329     15,814       oremen and overseers     20,756     20,756     20,703     53     16,389       hemists     48     48     42       ivil engineers and surveyors     13,008     13,005     3     11,423       esigners     214     181     33     138       raftsmen     4,462     4,422     30     3,643       lectrical engineers     1,404     1,403     1     1,204       wyers     49     49     49     49     49     49     49     49     49     49     1,733     11,733     11,733     11,19     2,019     1,733     11,19     2     6       rained nurses     11     9     2     6     6     6     6     6     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     13,008     13,005     3     11,423     13,008     13,005     3     3     13,008 <td>  150,899   150,710   189   111,478   167    </td> <td>  150, 899</td> <td>  150,899   150,710   189   111,478   167   36,568   18     whers, operators, and proprietors   2,847   2,790   57   2,258   53   506   4     ahagers and officials   11,116   18,787   329   15,814   302   2,937   27     remen and overseers   20,756   20,703   53   16,389   44   3,966   8     hemists   48</td> <td>  Description   Company   Company  </td> <td>  150,899   150,710   189   111,478   167   36,568   18   2,400   4   4   4   4   4   4   4   4   4</td> <td>  150,899</td>	150,899   150,710   189   111,478   167	150, 899	150,899   150,710   189   111,478   167   36,568   18     whers, operators, and proprietors   2,847   2,790   57   2,258   53   506   4     ahagers and officials   11,116   18,787   329   15,814   302   2,937   27     remen and overseers   20,756   20,703   53   16,389   44   3,966   8     hemists   48	Description   Company   Company	150,899   150,710   189   111,478   167   36,568   18   2,400   4   4   4   4   4   4   4   4   4	150,899

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

# GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MINERALS-Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

.0 TO 1	7 YEARS	18 Al Year	ID 19 S OLD	20 TO 24 OL	YEARS D	25 TO 34 OLI	YEARS D	35 TO 44 OL	YEARS D	45 TO 54 OL		55 TO 64 OLI	YEARS D	65 TO 74 OL	YEARS D	75 YE AND C	ARS OVER	UNKN	OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
												90		•					
53		10 197 2 27 19		99 1, 852		333 7, 910		232 7, 857		91 4, 969		20 2, 236		473		53		6	
		2		13 166		40 551		19 494		264		81 59		1 12				i	
		19		178		617		437		220 39		59 16		10 6		1			
1		8 14		55 196		108 432		71 358		199		16 59 3		7					
				1 5		$\begin{smallmatrix} 9\\21\end{smallmatrix}$		9 15		7		3				1			
		2 1		8		21 27		21		13		5							
51								1 269		395				13 56		$\frac{2}{2}$		8	
60 4		212 7		1, 285 127		2, 946 479		1, 363 504		388 124		206		56 84		11		. 1	
1		11 22		23 273		65 1, 056		101 908		440		203		84 31 16	1	4 5			
		1 8		7 101		17 229	2	26 139	3	23 59	1	22		1 6		1 81			
754	2	2,848		16, 544	4	37, 898 42	3	139 27, 365 36	$\frac{2}{1}$	13, 616 33	1	83 206 124 203 16 22 5,050		984				. 72	
15		6		26		12			_			1							١.
85	75	247	98	782	211	1, 575	184	1, 581	125	1, 225	89	632	11	219	3	22		. 10	1
						47		6 84	1	92	1	5 47	1	2 9		1		. 1	-
		1		4 3	1	46		84 95	2	92 81	5	38		15		1		-	-
		1		16	1	15		7 7		4 3		4		2				-	
				2 1		2 2		9		2		2 2						i	-
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				4		7		14 5	1	6 8	<u>i</u>	6 4 4	2			: i		1	
		1 2	2	8	18	24	16 30	13	14 10	1 5	6.	10	2	8 6		ī			
3		10 1	6	44 8	20	52 42 5		31 57	1	23 39 2		10 12 1		. 4		1		1	
				9		43	1	4 35	2	25		] 7		6		-		-	-
		3	17	5	62	43 3 5	1 58	. 8	28	8	.	. 2					-		
$\frac{2}{1}$	3	1 3		2 2	l	4 7	<u>î</u>	2		1 2		2 2				1			
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		1		3	1	15		38	<u>i</u>	30		21		- 6		-			
1		2 4	1	5		15		16 12		9		. 14		1 2					-
		2		5 10		32		25 42		11 43		3 24		1 10		-		-	
		1 2		14		22 35		38 20		34		_ 16				1			
		ī		7 3		18		20		11 10		3					-		
		1		12		21		10 22 6		20		5 4		3 2		- ī			-
	-	2		. 2		2		1				2							.
1		. 7		22 10		44 30		19 46		24		16 26		2			-		
ī	-					5		4 7		21 10		- 7		- 21 - 10		ĺ			
				5		9		. 5 860	54	. 3		324		92		-  <u>-</u> 8	-		: i
73	72	189		559 3 3	106	966 8 5	77	. 5	l	12				1 5		<u>ī</u>	-		
		·1 *	.  <u>-</u> -	ി ര്		1 5	1	4	1	_! 12		-1 2		-1 0		-1 ^			~

#### MECHANICAL INDUSTRIES

VARIOTA A	LICAL	ПОС		~					···		· · · · · · · · · · · · · · · · · · ·	···		<del>,</del>		<del></del>	15.7	T		ī
25, 158	888	58, 829	2, 656	242, 339	7, 214	569, 858	7, 364	655, 261	4, 091	542, 429	2, 123	318, 844		119, 861	124	15, 635	. 11	1, 794	22	:
		85 2 31	2	2, 375 68 521	4 1 26	21, 603 515 3, 994	21 9 89 24	46, 161 871 6, 549 6, 746	58 16 109 16	43, 245 762 4, 797 5, 099	65 18 71 2	26, 728 425 2, 221 2, 236	29 10 21 5	9, 312 124 582 506	9 2 9 2	1, 128 22 77 34	1 1 2 1	73 1 15 13	2	61 62 63 64
5		77 2	1	1, 019 3 1, 107	2	4, 968 20 4, 336	24	16 4, 005 39	10	6 2, 423 25	4	1 857 13		236 2	 ī	30 1		11 1		65 66 67
		218		27 1, 126 122	8 9	1, 688 473 23	18 18 1	823 453 16	6	380 258 7		135 77 2 190	1	38 17 1 45		6 1 7		$\frac{3}{2}$		68 69 70
				113 7 1 3		612 18 2 2	1	623 16 2	1	428 14 1 2		3 2		1		1				72 73 74

<sup>&</sup>lt;sup>2</sup> Includes, also, chemical and metallurgical engineers.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

		frii cuis cao	le, the occu	Банопа 01	each muusi	are pre	Sented III	most ca	303 III II YO E	TOLIPS, II	.U.J.IIJeai J	
	INDUSTRY AND OCCUPATION	Total	Malo	Female	NATIVE '	WHITE	FOREIGN WHI	-BORN TE	NEG	RO	OTHER :	RACES
	INDUM AND GOOD WAS		2,44,0	2 0	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Building industry—Continued.				,							
1 2 3 4 5 6 7 8 9 10 11 12	Accountants and auditors	2, 363 44 486 16, 929 267 15, 002 152 158 498 182 361	2, 210 41 432 8, 331 252 10, 392 127 151 436 58 354	153 3 4 8, 598 15 4, 610 25 7 62 124 7	1,979 37 393 7,545 233 9,497 107 141 394 51 329 7	144 8, 028 13 4, 279 24 7 56 118 5	228 2 39 770 19 826 16 10 27 3 24	534 1 298 1	3 1 7 53 3	30 1 27	1 9 16 1	6
13 14 15 16	Salesmen and saleswomen Shipping cierks Stenographers and typists. Weighers	528 310 9, 200 58	518 306 453 58	10 4 8, 747	461 258 425 47	9 4 8, 287	57 41 22 9	433	6 3 1	24	1 3 1	3
17 18 19 20 21 22 23 24 25 26 27	Blacksmiths Boilermakers Brick and stone masons and tile layers Cabinetmakers Carpenters Cement finishers Coopers Coppersmiths Cranemon, derrickmen, boistmen, etc. Electricians Engineers	1, 173 538 157, 180 1, 527 766, 787 12, 720 38 276 7, 676 82, 875 11, 740	1, 173 538 157, 174 1, 527 766, 742 12, 720 38 276 7, 676 82, 867 11, 749	6 45	703 423 91, 662 677 558, 402 6, 055 28 160 6, 465 71, 242 9, 630	33	423 108 53, 654 829 178, 733 3, 846 8 101 1, 020 10, 686 1, 872	6	41 5 10, 887 15 29, 922 2, 578 1 3 182 793 219	8	6 2 971 6 4, 685 241 1 12 9 146 10	
28 29 30 31 32 33 34 35 36 37	Electricians Engineers Forgomen and hammermen Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Paper hangers Pattern and model makers Plasterers Plumbers and gas and steam fitters Roofers and slaters	3, 625 12, 721 641 415, 027 28, 328 70, 053 164, 601 23, 636	91 3, 625 12, 720 641 414, 916 26, 872 198 70, 050 164, 600 23, 636 59	1 111 1,456	301, 003 20, 163 20, 163 20, 163 121 40, 606 136, 692 18, 259	1 92 1, 345	16 838 2, 149 125 96, 569 4, 511 69 18, 286 24, 045 4, 246 14	10 83	3 53 395 15, 236 2, 120 5 10, 286 3, 375 1, 044 1	9 28	3 10 30 1 2, 108 72 3 872 488 87	
38 39 40 41 42 43 44	Rooters and staters Skilled occupations (not elsewhere classified) Stonecutters Structural iron workers Tinsmiths and sheet metal workers Toolmakers and die setters and sinkers Other skilled trades	144 2, 185 25, 400 29, 379 75 156	144 2, 185 25, 400 29, 379 75 152	4	1,004 17,750 17,750 21,899 42 110	4	75 1, 146 7, 220 6, 877 33 36		29 292 513		138 90	
45 46 47 48 40 50 51 52 53	Apprentices: Architects', designers', and draftsmen's apprentices. Carpenters' apprentices. Electricians' apprentices. Machinists' apprentices. Plumbers' apprentices. Tinsmiths' and coppersmiths' apprentices. Apprentices to other building and hand trades. Charwomen and cleaners. Chauffeurs and truck and tractor drivers. Cooks.	020	3, 665 2, 365 35 5, 475 1, 179 7, 198 99 24, 894	2 2 1 	61 3, 290 2, 221 30 5, 130 1, 113 6, 274 19, 943 243	2 2 1 7 41 2 80	231 129 4 293 47 554 17 2,401 78	12	99 8 1 30 10 302 8 2,376	46	45 7 16 9 68	1
55 56 57 58 59 60 61 62 63 64 65 66	Draymen and teamsters  Elevator tenders. Firemen. Guards, watchmen, and doorkeepers Janitors Laborers Oilers of machinery. Operatives Policemen Porters Waiters. All other occupations.	4, 559 110 1, 957 3, 295 247 419, 802 435 18, 442 37 111 78 27	4, 558 107 1, 957 3, 295 227 419, 675 435 18, 419 37 111 42 18	20 127 	3, 242 72 1, 498 1, 966 85 196, 552 370 13, 432 31 31 31	1 8 75 17 27 6	634 27 328 1,110 84 117,890 46 4,180 5 21 8	11 14 4 8 1	625 7 127 202 54 95, 587 9 683 1 58 2	1 31 2	57 1 4 17 9,046 10 124	7
	OHEMICAL AND ALLIED INDUSTRIES											
67 68 69 70	Charcoal and coke works  Owners, operators, and proprietors  Managers and officials  Foremen and overseers	11, 766 28 234 736	11, 515 28 231 732	251 3 4	6, 178 20 207 575	223 3 4	2, 992 7 24 143	6	2, 168	22	182	
71 72 78 74 75 76 77	Chemical engineers <sup>1</sup> . Chemists. Civil engineers and surveyors. Draftsmen Electrical engineers. Mechanical engineers <sup>3</sup> . Other professional pursuits.	36 150 32 54 23 55 8	36 149 32	I 4	33 185 26 50 20 45	1	_ ا		1		1	

Most of these were returned as "wood carvers."
 Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

10 TO 17 YEAR OLD	1	20 TO 24 YEARS OLD	25 TO 34 YEARS	35 TO 44 YEARS OLD	45 TO 54 YEARS		65 TO 74 YEARS OLD	75 YEARS AND OVER	AGE UNENOWN
Male Fe-	Male Fe-male	Male Fe-	Male Fe-male	Male Fe-male	Male Fe-	Male Fe-male	Male Fe-	Male Fe-male	Male Fe-
3 0 422 26 422 1 1	8 826 431 11 1 3 107 17 12 22 2 2 2 2 6 6 67 1,308	171 22 8 1 1,503 2,201 24 2 2,689 1,286 17 6 13 1 13 1 12 46 67 174 3,417 59 16,379	829 48 1 12 2 2,904 2,706 85 3,277 1,500 7 88 4 14 10 12 40 114 8 1 100 2 111 2,550 177 1.555 156 85,460 2233	702 02 14 118 1,768 1,663 1,661 706 21 36 10 37 71 103 3 4 1,560 73 41 768 317 186 33,880 3	336 18 1 104 979 709 45 34 932 332 21 3 32 26 7	48 545 197 22 2 476 81 13	32	6	3 5 9 3 3
1, 724	2, 017	44, 703 801 3 34 724 13, 592 1 592 1 516 373 1, 516 373 30, 904 22, 473 20 24 8, 004 20, 811 3, 232 4 4 10 165 2, 386 3, 405 9 15	131, 893 2, 950 6 63 2, 666 30, 812 3, 335 35	38, 880 3 38, 880 3 102, 422 9 4, 124 7 3 2, 380 1 21, 798 1 3, 630 27 1, 043 3 3, 442 3 105, 858 23 6, 707 435 18, 172 1 47, 377 435 111 20 48 1, 747 7, 7526 22 23 39 48	374 192, 425 3, 238 5 5 4 1, 302 10, 033 2, 405 9 658 2, 107 192 87, 257 6, 252 401 13, 393 129, 601 3, 786 100 37 54 13, 302 14, 302 14, 302 15, 302 16, 033 17, 302 18, 302 19, 302 19, 302 10, 303 10, 303	270	16 8, 425 5.82 3 230 15 5.882 3 3 230 15 5.74 281 39 20, 370 2 1, 537 54 11 2, 711 3, 133 3.485 5 5 5 12 154 338 1, 274 2 2 7	5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1
47 1 1,705 1 1,084 1 1,088 1,698 3,922 6 3,922 6 338 1 70 1 14 8 8 10,765 7 273 2 2 2 2	4	11 1 1 1 1 1 042	6	27	18	17 1, 384 5 15 3 3	2	5 2 26 2 4 135 6 1,114 37 2 2	1
167 11	340 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,417 72 72 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	\$, 171 93 5 41 2 178 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3, 185 44 11 93 1 1 93 1 1 1 1 1 1 1 1 1 1 1 1 1	2,091 6 5	860   3   4   20   57   57   1   2   1   1   1   1   1   1   1   1	249 1 3 12 13 12 1 2	1	11

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

			Molo	Female	NATIVE	WHITE	FOREIG! WH		NEG	ro	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	гещав	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 27 27 27 27 27 27 27 27 27 27 27 27 27	CHEMICAL AND ALLIED INDUSTRIES— Continued  Charcoal and coke works—Continued.  Accountants and auditors. Agents (not elsewhere classified). Bookkeepers and cashiers. Clerks. Commercial travelers. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits. Blacksmiths. Bollernakers. Brick and stone masons. Carpenters. Carpenters. Carpenters. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Millwrights. Plumbers and gas and steam fitters. Other skilled trades. Chaufleurs and truck and tractor drivers. Draymen and teamsters. Firmace men.	29 88 100 122 220 220 230 2118 81 163 18 243 43 189 705	72 26 64 404 44 16 113 19 30 20 38 100 100 122 220 302 229 118 81 163 18 243 43 189 705	1 1 77 75 113 4	68 23 61 383 35 16 106 114 14 27 76 91 1185 246 201 96 58 129 12 186 28	1 17 74 100 4	4 3 3 18 9 5 5 5 2 12 13 57 24 27 24 51 53 22 22 22 23 33 5 7 7	1	1 1 5 14 1 1 1 1 30 7 20 9 208		1	
25 26 27 28 29 30 31 32 33 34 85	Guards, watchmen, and doorkeepers	96 37 4,783 65 1,587 27 24 16	96 36 4,772 05 1,572 27 24 16	1 11 15 	57 8 1,612 37 836 19 19 10	3, 909	34 13 1,611 24 364 8 5	1	5 15 1,419 4 329 5 451	12 	130	1
37 38	tories.  Owners, operators, and proprietors	112 513 820	110 502 780	2 11 31	67 448 673	2 11 29	43 54 114					
89 40 412 484 445 467 489 450 552 556 557 559 661 62 634 665 667 772 774 775 774 775	Chemical engineers 1 Chemical engineers 1 Chemists	94 21 79 21 143 62 276 1,178 167 10 34 16 30 10 104 138 508 16 9 43 14 15 328 33 22 176 260 703 187 120 208 31 108 55	789 777 380 90 91 170 1134 82 170 105 10 32 144 136 33 14 14 15 328 30 170 195 196 208 31 108 31 108	31 4 0 0 106 408 2 21 11 1 2 505 2 2 3	673 722 352 36 76 19 73 10 126 56 160 729 167 10 32 4 28 9 182 125 32 13 7 34 11 10 274 24 21 166 230 645 154 104 173 29 86 88	29	114 5 20 20 14 2 6 9 38 8 8 1 2 11 1 1 1 9 3 5 54 6 6 6 1 9 38 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 13 	3	2	1	
77 78 79 80 81 82 83 84 85 86 87	Apprentices:  Machinists' apprentices Other apprentices Chauffeurs and truck and tractor drivers Draymon and teamsters Firemen Guards, watchmen, and doorkeepers. Janitors Laborers Operatives Painters, glaziers, and varnishers (factory) All other occupation tables in the ground of	22 17 800 56 183 222 65 5,047 5,904 84 44	22 17 309 56 183 220 63 4,447 3,322 82 40	2 2 600 2,582 2 4	22 17 281 42 132 162 39 3,120 2,581 73 24	1 549 2, 229 2	20 7 46 56 18 941 644 8	1 2 40 341	5 7 5 2 6 835 66	10 12	51 51 51	

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers."

## GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

O TO 17 YEARS OLD	18 AN YEARS		20 TO 24 OL	YEARS D	25 TO 84 OLI	YEARS	35 TO 44 OL	YEARS D	45 TO 54 OL		55 TO 64 OLI		65 TO 74 OL	YEARS D	75 YE AND C	ARS VER	AG UNKN	E OWN
Male Fe-	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
2 4 1 5 1 1	2 45 2	9	8 1 1 111 188 7 7 190 1 1 5 3 3 3 20 16 17 7 11 13 4 50 70 2 688 6180 1233 2 2 4 4	1 3 3	24 10 23 122 16 4 48 7 5 5 4 5 2 2 5 7 7 61 10 66 77 80 67 80 67 80 80 11 11 11 13 18 12 12 14 14 15 16 16 17 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	1 1 9 28 42 	20 8 17 108 9 7 26 6 1 1 4 5 8 8 8 21 36 36 8 8 21 36 8 8 8 21 1 36 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18	8 8 3 7 35 0 5 13 3 27 10 0 8 29 21 11 13 27 5 66 20 12 25 5 1 18 8 18 21 11 11 8 85 3 10 20 4 4 5 5 5 1 1 1 2 2 2 2 1 1 1 1 2 2 2 2 2 2	3	2 2 4 2 2 17 7 8 3 3 3 14 12 2 4 4 7 3 3 3 1 14 12 2 7 7 25 11 360 9 9 4 2 2 5 1 1 1 3 4 1 2 1 1 3 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11	1 2 1 1 1 2 2 9		11 2 2	2 2 2
282 425	_	659	2, 200 2 10 37	1, 289	3,721 17 57 180	1, 017	3, 560 31 165	624 1 2 12	2, 678 28 161 199	245	21	1	9		2 4	-	1 1 2	
1	62	78	13 110 6 200 11 120 13 13 120 14 120 15 120 15 120 15 120 15 15 15 15 15 15 15 15 15 15 15 15 15	1 27 130 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	39 162 11 422 77 21 12 22 11 5 5 7 2 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 26 118 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 77 77 16 8 16 18 18 18 18 18 18 18 18 18 18 18 18 18	1 4 24 53 3 1 1 2 2 74 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 244 244 11 7 1 5 19 9 2 20 122 233 1044 522 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 1 9 30 	3 9 9 12 12 13 34 14 14 15 11 11 11 11 11 11 11 11 11 11 11 11	2 4 13	2 2 3 4 4 4 2 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6					
17 8 1 1 1 109 90 30	)2   170	2	85 55 1	3 7  1 18 71	11. 1. 4. 1. 10. 8. 82. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	2	5 92 9 73	1	1 3 68 5 55	5 2 2 2 3 7	23 66 23 5 363 0 308	3	12	5   3   5	1	ii	1	3 4 1

Includes, also, all technical engineers not elsewhere classified.

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

	· .				NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	CHEMICAL AND ALLIED INDUSTRIES—										244	
1	Fertilizer factories	28, 169	27, 340	829	9, 123	684	1,073	25	16,900	120	244	
2 3 4	Owners, operators, and proprietors	236 1, 158 829	233 1, 146 828	3 12 1	1, 103 710	3 11 1	20 39 60	1	1 1 57		3 1	
5 6 7	Chemical engineers 1	14 164 31	14 164 30	1	12 152 25	1	2 7 4		5 1			
8 9	Accountants and auditors	124 153	123 152	1	116 144	1	7				1	
0	Bookkeepers and eashiers	535 639 635	439 519 634	96 120 1	425 478 617	95 116 1	13 27 14	3	13	i	1 3	
2 3 4	Credit men Messenger, errand, and office boys and girls	54 37	54 87		51 27		ŝ		10			
5	Purchasing agents Salesmen and saleswomen Shipping clerks Stenographers and typists	30 657	30 657		29 625		1 21		3		8	
7 8	Shipping clerks Stenographers and typists	124 490	124 43	447	113 41	431	4	15	7			
0	Other clorical pursuits.	127 35	127 30	5	93 28	Б	$^6_2$		28			
21	Blacksmiths Carpanters	35 119	35 119		24 97		3 9		8 13			
3 4	Carpenters Compositors, linotypers, and typesetters Cranemen, derrickmen, hoistmen, etc	43 78	42 78	1	23 70	1	2		17			
5 6	Engineers (stationery)	71 134	71 134		63 104		5 16		3 14			
7 8 9	Machinists Mechanics (not otherwise specified) Millwrights Plumbers and gas and steam fitters	176 133	176 133 88		134 101		17 7 8		25 25 9			l
ย 0 1	Plumbers and gas and steam fittersOther skilled trades	88 27 38	27 38		71 20 30		7 5		3			
2	Chauffeurs and truck and tractor drivers	782	782		459		50		191		82	 
3 4	Draymen and teamsters Firemen Guards, watchmen, and doorkeepers	98 137	98 137		29 38		17 21		43 75		9	
5 6	Janitors	233 24	233 24		190		16 3		27 16	79		
8	LaborersOilers of machinery	18, 243 48	18, 157 48 1, 484	86	2, 220 28 390		550 9 82		15, 268 11 1, 000	79 30	119	
0	OperativesAll other occupations	1, 538 52	1, 484 52	54	28		5 5	5	1,000			
1	Gas works 1	114, 930	102, 842 75	12, 088	76, 519 71	11, 542	19, 205	516	5, 769	24	1,349	6
3	Owners, operators, and proprietors.  Managers and officials.  Foremen and overseers.	4, 469 5, 269	4, 382 5, 215	87 54	4, 108 4, 192	83 51	271 993	4 3	1 22		8	
5 6	Chemists.	321	108 318	3	101 272	<u>2</u> -	7 44	i	2 1			
7 8 9	Civil engineers and surveyors	581 676 162	581 663 162	13	540 613 149	12	38 49 12	<u>i</u> -			1	
0	Y	49 492	49 492		47 441		2 50		1			
2	Mechanical engineers <sup>3</sup> .  Photographers.  Other professional pursuits.	13	12 6	1 4	8 4	1 4	4 2					
4	Accountants and auditors	1,696	1, 583	113	1, 476	111	106	2	1			
5 6 7	Advertising agents Agents (not elsewhere classified) Bookkeepers and eashiers	831 6, 220	810 2, 929	21 3, 291	43 755 2, 766	20 3, 164	54 154	1 127	1			
3	Can vassers Clerks	1, 281 16, 886	1, 212 12, 598	69 4, 288	1, 126 11, 631	64 4, 099	84 898	5 184	46	2	2 23	
)	Collectors Commercial travelers	2, 037 249	2, 002 248	35	1, 835 238	33	167 10	2				
}	Oredit men	183 309	177 286	6 23	158 251	6 21	19 15	<u>í</u> -	20	1		
<u>l</u>	Office appliance operators Purchasing agents	345 169	56 162	289	51 152	280	5 10	9				
}	Sales agents Salesmen and saleswomen	1,492	1,409	83	1,307	<u>82</u>	97	1	3		2	
} }	Shipping clerks	3, 778 16	103 263 16	3, 515	93 252 15	3, 390	9 11	1 123	1 1			2
1	Blacksmiths	343	343 113		209 74		125 34		7		2 2	
2 3 4	Boilermakers	113 94 16	94 16		74 44 7		45		5			
1 5 3	Carpenters. Cement finishers.	501 14	501 14		347		150 7				3	
7	Compositors, linotypers, and typesetters————————————————————————————————	25 150	21 159	4	18 114	4	3 43					
8	Electricians	738 3,547	737 3, 547	1	637 2, 942	1	91 579		5 22		$\frac{4}{4}$	
	Forgemen and hammermen	1, 133	1, 133		843		1 273		2 14		3	

<sup>!</sup> Included, in other occupation tables, in the group "Mining engineers."

Because of indefinite returns by census enumerators, there probably is some overlapping between persons engaged in the production of natural gas and those engaged in the production and distribution of artificial gas.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

	7 YEARS LD	18 AN YEAR	ID 19 S OLD	20 TO 24 OL		25 TO 34 OLI		35 TO 44 OI		45 TO 54 OL	YEARS	55 TO 64 OL	YEARS D	65 TO 74 OL		75 YE AND C	ARS OVER	AG UNKN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fo- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1,090	26	1, 568	67	4, 837	237	7, 503	279	5, 987	141	3, 985	58	1,708	15	553	8	77	2	32	1
2		5		2 31 102	1	. 26 217 220	3	61 390 237	Б	57 293 179	3	59 155 63		19 48 19	1	8 11		1 1	
		10		28 2		63 7	1	6 32 5		3 20 11		1 8 4		3 1					
1 18	1 2	3 1 14 33 2	7 14	12 5 94 136	27 21	39 19 141 143 125	25 47	46 36 88 98 192	23 25	13 40 49 54 164	1 8 10 1	8 27 34 27 86	5	2 20 15 5 35		4 2 5 6	i	1	1
15		13		24 1 4 3		8		21 2 9		15 8		2 1 5		1		1			
1 3 4	9	6 7 7 9	39	21 38 17 41 1	157 1	161 32 7 25	157 <b>2</b>	179 26 6 28 3	66	134 11 2 10 11	13	101 6 1 7 5	4	45 2 3 1	2	9 1			
 1		2 2		2 3 10		4 33 14	i	7 29 7		15 27 7		5 17 1		1 7		1			
i		2 2 2 4		15 12 7		38 30 20 49		21 15 37 56		10 41 40		2 14 17		11 3				i	
		3 1 1 1		14 3 1 1		37 15 6 12		44 30 7 11		10 41 40 23 21 10		7 15 2 4		5 3					
17 4		56 2 1		196 14		273 22 29 14		145 24		69 18 40		21 11 10		4 3 2		1		i	
929	10	1, 271	6	11 5 1 3,658	17	5, 231	27	43 32 4 3, 680	9	64 7 2,301	8	81 7 817	5	33 3 228	3	17	1	25	
89 5	3	104 3	1	298 8	12	14 389 10	16	307 11	13	10 196 8	6	70 5	1	26	2	5 1			
872	293	2, 923	1,390	14, 640	4, 355	30,702	3,804	25, 431 16	1,465	17,812	598	8, 279	159	2,380	15	223	5	80	8
ì		6 14	1	140 202	14 4	13 1, 083 1, 271	25 16	1, 433 1, 642 22	35 16	1,040 1,271	9 12	542 647	8	125 157		11 8		2 2	
		8		17 74 107 219	4	157 229 246	1 7	49 146 104	1	16 75 35	1	7 16 9		7 6		2 1 2		1	
				14 5 38 3		67 20 201 3		45 5 145 3		32 12 76 2 3	1	5 27 1		2 4		1			
		34	6	268	38	816 .23	1 39	398 12	2 19	171	ļ.	71 I	4	21		2		2	
15	43 1	6 113 16 849	270 1 550	73 789 171	1, 113 6 1, 499	245 1,054 457 4,063	1, 126 27 1, 293	230 521 318 2 158	488 20 533	149 247 157 1, 207	7 193 10 232	76 149 68 605	52 4 51	19	1 2 5	3 5 24		1 1 2 12	<u>2</u>
244	120	25		3, 235 237 18 18	2	716 95 63	13	2, 156 477 83 55	533 9 1 1 2	309 41 25 7	6	161 7 13 11	6	64 3 2 10		9 1 1 4		-	
141 3	8 12	72 10 1	8 35	25 24 12 1	110 2	11 9 45 1	105 2	64 1	15 1	28 3	3 1	10 1	1	2 2				2	
9	105	29 7 29	5 1 509	218 20 128 3	1 1,521	522 26 64 4	1,081	359 27 22 2	31 1 228	179 18 8 5	10 57	77 4 2 2	10	17	2			1	2
		2 1		13 5 7		67 25 19		92 36 19		72 26 23		71 15 20		21 4 6		3 1		2	
		2		17 3 7		$\begin{array}{c} 2\\112\\3\\4\end{array}$	1	137 2 2		137 3		69 3		25		2			
1		5 13 14		8 109 276		54 300 1,132		62 198 950	i	28 95 681		7 16 390		5 93		9		1 2	
		14		81		3 343 where class	10.	360		212		94		22	1	6		1	

<sup>&</sup>lt;sup>3</sup> Includes, also, all technical engineers not elsewhere classified.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

		[In this tab	le, the occu	pations of	each indus	try are pr	esented in	ı most ce	ises in five	groups: Pi	roprietary	, official,
		Total	Male	Female	NATIVE	WH!TE	FOREIGI WH		NEG	по	OTHER	RACES
	INDUSTRY AND OCCUPATION	10181	11110	2 ontare	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8	CHEMICAL AND ALLIED INDUSTRIES— Continued Gas works—Continued. Mechanics (not otherwise specified) Millwrights. Painters, glaziers, and varnishers (building) Pattern and model makers. Plumbers and gas and steam fitters. Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	1, 944 52 121 11 7, 458 105 22 7	1, 944 52 121 11 7, 458 105 22		1, 585 44 83 9 6, 000 76 14		314 7 36 2 1,220 29 7		38 1 188		7 2 50	
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Apprentices: Plumbers' apprentices. Other apprentices. Chaufeurs and truck and tractor drivers. Draymen and teamsters Elevator tendors. Firemen. Guards, watchmen, and doorkeepers. Janifors. Laborers. Oilers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Policemen. Porters. All other occupations.	36 66 80 3,009 206 71 1,809 932 575 28,897 400 13,896 205 31 261 47	36 66 11 3,069 206 64 1,800 932 526,28,884 400 13,873 205 31 201 33	7 	34 04 8 2, 673 175 36 855 550 218 14, 524 11, 040 172 27 33 19	38 7 20 6 21	2 7 7 285 21 118 698 343 145 7 8, 925 61 2, 465 77 4 46 8	25 	1 99 10 10 249 36 145 4,319 7 7 306 5	11 5	1 12 7 3 1,116 3 62 11	1
25	Paint and varnish factories	87, 074	81, 548	5, 531	23, 336	5, 043	6, 652	431	1, 349	51	206	6
26 27 28	Owners, operators, and proprietors Managers and officials Foremen and overseers	921 2,675 1,395	906 2, 615 1, 337	15 60 58	756 2,353 1,056	13 55 50	149 260 263	2 5 8	1 1 14		1 4	
29 30 31 32 33 34 35	Chemical engineers <sup>1</sup> Chemists Civil engineers and surveyors Draftsmen Electrical engineers Mechanical engineers <sup>2</sup> Other professional pursuits	94 1, 260 17 15 10 46 15	94 1, 244 17 15 10 46 12	16	70 1,071 15 12 7 40 11	13	15 165 2 3 3 6		7			
36 37 38 40 41 42 44 45 46 47 48 50 50 50	Accountants and auditors	407 101 203 1,151 1,151 1,153 10 1,538 156 115 144 109 7 7 1,548 1,210 2,013	364 83 198 448 15 1, 53 1, 533 151 113 8 104 7 7 1, 532 1, 200 64	43 18 5 703 2 1, 254 1 5 5 2 136 5 10 1, 949 3	329 74 178 405 14 1, 672 9 1, 430 104 7 93 6 1, 401 1, 022 6	42 18 5 659 2 1,187 1 4 5 1 124 5 1,836 2	35 9 19 43 1 211 103 9 6 1 11 129 157 3		8	1	8	1
53 54 55 56 57 58 59 60 61 62 63 64 65 66	Blacksmiths. Carpenters. Compositors, linotypers, and typesetters. Coopers. Electricians. Engineers (stationary). Machinist Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Stonecutters. Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	16 98 138 66 77 241 209 160 158 174 80 22 26 11	16 98 128 66 77 241 299 160 158 173 80 22 26 11	10	10 65 109 38 64 176 207 120 114 116 61	1	6 32 18 27 12 64 86 36 44 48 19 15 64	1	1 1 1 1 1 6 4			
68 69 70 71 72 73 74 75 78 77	Apprentices. Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers. Operatives. Painters, glaziers, and varnishers (factory) <sup>1</sup> . Porters. All other occupations.	34 887 82 49 175 367 122 6,171 8,297 818 87 48	34 887 82 48 175 367 117 6, 017 7, 206 806 87 40	1 1 1,031 1,031 12	31 736 67 25 90 229 41 3, 082 4, 983 529 16 17	1 2 116 855 8	3 74 12 22 65 127 43 2,064 1,940 241 7	1 21 147 1	71 3 1 20 10 31 739 805 26 64 3	2 17 25 2 2	1 1 2 132 138 11	4

<sup>1</sup> Included, in other occupation tables, in the group "Mining engineers."

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

ing supe	rvisory	pursuits	profess	ional pur	suits; cle	rical and k	dindred p	oursuits; s	killed tr	ades; and	other pu	ırsuits]								=
10 TO 1	7 YEARS LD	18 AI YEAR	ND 19 S OLD	20 TO 24 OI		25 TO 34 OL:	YEARS D		YEARS LD	45 TO 54	YEARS	55 TO 64 OL	YEARS D	65 TO 74 OI	YEARS LD	75 YI AND 6	EARS OVER	UNKN	e own	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
2		37 		206 3 17 2 956 11 3 2		702 16 45 2 2, 383 32 6		530 13 25 4 2, 180 17 4 2		265 9 11 1,290 21 2		07 10 11 2 448 17 6		14 1 8 72 5		2 1 7		1		
27 20 13 3 1 3 1 274 1 1 88 2	1	81 66 7 7 4 2 807 7 413 5	2 1 1	51 1 554 36 5 82 18 14 3, 855 50 2, 040 39 1 20 3	1 2 2 11	1, 370 08 21 397 64 7, 484 1, 306 4, 306 82 5 50	11 6 	1 686 41 14 594 132 102 7,093 99 3,512 69 8 78 11	19 8 3	204 27 10 490 222 158 5,710 54 2,204 45 8 55	27 3 10 2	3 62 21 107 263 117 2,724 27,724 27,724 27,724 32,724 6	4	9 2 3 37 206 59 764 5 277 4 1	1 1	1 2 21 7 54 29 1		1 29 2		10 11 11 11 11 12 22 22 22
599	351	1,846	782	4, 512	1,795	8, 320	1, 603	7, 436	642	5, 330	273	2, 861	70	994	14	122	<u> </u>	23		20
1 6 93 65 15 5 5	14 58 17 7	2 6 40 11 20 193 3 14 34 12 15 83 10	1 1 70 147 24 23 330 1 1	12 88 101 16 280 5 1 1 56 17 11 133 2 548 2 2 53 3 7 7 9 9 4 4 14 140 203 33 3 3 3 3 3 7 7 9 9 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	10 55 0 51 232 338 1 	134 641 364 556 8 8 4 3 11 135 136 148 2 2 2 2 2 2 2 2 4 4 1 4 16 5 5 8 8 8 11 1 10 10 10 10 10 10 10 10 10 10 10 1	1 21 10 8 8	258 920 392 201 211 4 4 5 177 5 107 19 64 46 60 241 1 27 5 428 233 3 3 4 4 4 4 2 2 4 4 4 4 6 6 6 0 0 0 0 0 0 0 0 0 0 0 0 0	1 11 5 3 107 166 1 2 1 3 2 134 4 4	252 565 285 10 10 82 3 1 1 1 1 44 9 40 39 5 149 1 366 18 1 273 140 1 24 141 273 140 160 170 170 180 180 180 180 180 180 180 18	4 10 9 2 2 1 5 2 05 2 1 32 1	1577 304 146 158 158 158 158 158 158 158 158 158 158	11 10 11 15 5	73 77 41 2 14 2 5 2 8 9 1 42 2 5 5 9 1 1 2 7 7 7 7 7 9 1 7 7 9 1 7 7 9 1 7 9 1 7 9 1 7 9 1 7 9 1 7 9 1 7 9 9 1 9 1	1	20 16 2 1 1 1 2 4 1 7		1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		201 201 201 201 201 201 201 201 201 201
10 9 1 1 1 183 186 12 2	20 146 1	9 43 2 1 402 389 39 4 ese prob	35 166 1	11 198 9 5 9 4 3 976 1,209 128 10 4 working	1 39 260 3	362 29 4 34 19 12 1, 364 1, 873 215 16 12 shops rath	29 219 3 219 3	179 20 7 58 31 29 1, 394 1, 545 181 19 12	1 2 18 135 2 actories.	66 12 7 47 91 23 1, 054 1, 202 141 22 8	10 79	22 7 10 20 120 28 482 651 68 7 3	2 23 1	6 2 11 5 88 20 162 194 17 5	2 1 3 1	3 1 14 1 8 12 3 2		2 5 2		61 71 71 71 71 71 71 71 71

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

OHEMICAL AND ALLEID INDUSTRIES   165,981   10,027   150,485   0,786   10,020   441   0,986   47   1,950   9			[In this tab	le, the occu	pations of	cach indust	ry are pr	esented in	most ca	ses in five g	roups: Pi	oprietary	, ollicia
CHIMIGAL AND ALLIED INDUSTRIES   173,798	<u> </u>		m	36.3-	The section 1	NATIVE	WHITE			NEG	RO	OTHER	RACES
Persolum Persolum Profession   110,100   120,001   120,001   10,000   11   0,000   12   0   1,00   13   0   0   0   0   0   0   0   0   0		INDUSTRY AND OCCUPATION	Total	W1816	гешате	Male	Female	Male		Male	Female	Male	Fe- male
Description and Properies   1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		Continued		100 501	10.005	100 045	0 800	10 000	441	0.990	47	1.050	
Company   Comp		l fa							441	a, 500		1, 800	20
Comment in traveyors	3	Owners, operators, and proprietors	7, 372	7, 295	77	6,854	71	435				6 18	
Bartistanis	6	Chemists	3,079	3, 054	25	2, 810		230 82				8	
11   Mechanical engineers   916		Electrical angineers	202	202		182		90 20	1			2	
31   Trimbed surress	10 11	LawyersMechanical engineers 2	916	916		171 807		108				i	
14   Other professional pursualis.	12 13	Trained nurses	23 42	9	33	9	32		1				
10   Advertische agenate   111	14	Other professional pursuits	•		]	_							
10	15 16	Accountants and auditors	3,345 111	3, 263 106		3, 077 103	5	181 3	2			4	
10	17	Agents (not elsewhere classified)	2,676	2, 656 3, 146		2, 586 3, 025				1	1		2
20   Collectors	19	Canvassers	27	26	1	26	1 1		103	19			
20	21	Commercial travelers	75	73	2	73	'2						
Section   Sect	23	Credit men.	348	340	8	322	8	18					
Section   Sect	25	Office appliance operators	551	56	495	52	476	4	19				
Section   Sect	27	Sales agents	57	57		55		. 2					
State   Stat	29	Shipping clerks	698	688	10	610	. 10	65		ii		2	
State   Stat	30 31	Stenographers and typists	b, 434 78	083 75	4,851		4,074	7		2		1	13
State   Comparison   Comparis	32	Blacksmiths	577							. 7			
Commont finishing   Comm	33 34	Boilermakers   Brick and stone masons and tile layers		750		460		171					
Comment in Singles   Comment	35 36	Carpenters	2, 486	2, 486		2, 117		342					
200   Canamen, derrickmen, hoistmen, etc.   1,707   1,707   1,802   1,806   3,808	37 38	Cement finishers	50	47			3	11 3		2		1	
Millwrights	39	Coopers Cranemen, derrickmen, hoistmen, etc.						23					
Millwrights	41	Electricians Engineers (stationary)	1,795	1, 794	1	1,682	1	106					
Millwrights	43	Forgemen and hammermen.	35	35		31		4					
Thismiths and sheet-metal workers   249   249   3   249   3   3   3   3   3   3   3   3   3	45	Mechanics (not otherwise specified)	2,821	2,821		2, 530		234		37			
Thismiths and sheet-metal workers   249   249   3   249   3   3   3   3   3   3   3   3   3	47	Painters, glaziers, and varnishers (building)	399	399		341		48				1	
Thismiths and sheet-metal workers   249   249   3   249   3   3   3   3   3   3   3   3   3	49	Plumbers and gas and steam fitters.	7,081	7, 081		6, 156		850		45		30	
Appendices	51	Skilled occupations (not elsewhere classified)	1,839	1,838	1	1,672	1	143		14			
Apprentices:    Apprentices	53		58	58		42		15		1			
Flumbers apprentices	54	Other skilled trades	11	11		8		3					
Charwomen and cleaners	55	Plumbers' apprentices				22		3				<b>-</b>	
Claumeurs and truck and tractor drivers   0,801   0,	57	Other apprentices.	19	4	15	3		5	9	1		2	
Blowator tenders	58 59	Draymen and teamsters	5, 861 405	405	********							30	
Guards, watchmen, and doorkeepers	60 61	Firemen		25 4, 226	9		9	6		81		14	
Agnitors   Agnitors	62 63	Guards, watchmen, and doorkeepers	1,989	1, 989	7	1, 515	5	442	2			7	
Others of machinery   25, 274   24, 781   493   21, 465   431   2,562   51   548   9   206	64 65	Janitors	490	449		220	31	129	8	94		1 401	1 2
Painters, glaziers, and varnishers (factory)	66	Oliers of machinery	674	673	1	612	1 1	89		17		5	2
Porters	68 69	Painters, glaziers, and varnishers (factory)	1,304	1, 303		1,093		177					
73 Owners, operators, and proprietors	70 71	Porters.	162		3		2		1	140		2	
73 Owners, operators, and proprietors   38   37   1   19   1   18   18   19   1   18   19   1   18   19   1   18   19   1   18   19   19	72	Rayon factories	33, 982	21, 573	12, 409	19, 382	11,790	1, 322	586	867	32	2	1
Foremen and overseers	73 74	Owners, operators, and proprietors	240	225	15	192	15	33					
77 Chomists 548 530 18 469 18 61		Foremen and overseers			285	-	259		26				
CUI engineers and surveyors	77	Chemists	548	530	18	469	18	61					l <b>_</b>
Biectrical engineers.	79	Oraftsmen	31	31		24							
82 Trained nurses 14 1 14 1 14	80 81	Mechanical engineers.	18	18		17	:						<del>.</del>
83   Other professional pursuits 10   6   4   4   3   2   1	82 83	Trained nurses Other professional pursuits					14 3	2	1				

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers." <sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

#### OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

#### MECHANICAL INDUSTRIES-Continued

	YEARS	18 AP YEAR		20 TO 24 OI		25 TO 34 OL		35 TO 46	YEARS LD	45 TO 54		55 TO 64 OL		65 TO 74 OI		75 YE AND (		AG UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1, 443	285	4, 595	953	<b>24, 322</b>	3, 448	56, 938	3, 866	43, 650	1, 256	21, 894	366	8, 582	30	1, 937	13	157	3	103	7
		15 17	2	259 262	12 3	98 2,172 1,795	23 7	2, 772 2, 172	1 22 14	107 1, 419 1, 251	16 3	60 536 537	2 3	26 114 84		5 8		3 3 6	
		105 30		95 828 108 171 24 9 68 4 1	3 1 	277 1,331 356 369 85 70 371 8 4	13 9 2 2 1 9 1	107 534 303 150 52 49 292 4 4 3	3	29 189 117 46 36 36 136 3	3 4 2	5 53 29 7 5 13 43		11 3 2 5		1 2		1	
2 19 257 201 7 11 7 10 1	12 52 58 1	32 2 15 120 818 1 8 1 2 5 5 1 1 3 59 18 69 2	95 223 	370 10 142 802 8 2,709 8 124 20 46 23 28 3 307 119 250 16	9 2 1 374 785 1 186 1 4 2 1,888	1, 429 51 987 1, 825 10 4, 201 20 568 108 14 16 126 20 970 203 191	36 1 7 506 1 975 2 3 1 210 1 1 5 1,855	975 24 903 551 2, 162 13 446 105 1 131 200 608 144 522	22 1 6 179 379 1 1 2 43 1	348 8 443 200 1 836 12 192 37 12 4 53 9 291 104 7	11 1 2 72 118 	90 2 133 94 2 331 10 83 7 3 2 106 28 3 3 6	23 	28 26 79 16 1 2 6	1 1 4	2 6 7	1	5   1   3   9   1   2   1   1   1	1 2
3 1 2 8		8 33 19 34 8 7 1 18 61 50 68 2 9 9 2 17 9	ī	24 356 87 1 221 4 4 11 27 370 306 718 323 6 55 5 5 4 4 1,04 260 26 2	1	120 1,114 213 13 13 15 78 105 731 1,146 20 1,107 14 145 6 2,606 8 716 75 16 5	1	171 1, 232 220 5 769 110 9 110 9 492 2, 725 8 8 1, 288 22 106 9 1, 928 3 492 65 65 28	1	149 576 141 2 503 7 28 194 1,455 624 47 5 1,006 41 44 48 8 2		01 157 55 197 7 48 580 		13 20 13 149 1 21 21 24 94 53 17 4 5 5 1 20		1 1 1 3 4 3 3 3 2		1 1 5 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
21 57 23 11 5 1 534 3 244 12	144444	1 18 126 12 2 45 3 2 1,638 16 707 39	1 24 67	2 27 1,050 67 1 482 30 8 7,356 132 4,181 221	3 43 1 142	1 8 2,715 110 6 1,293 143 5 5 812,809 277 9,414 447 5 47	1 1 5 41 138	1 3 1, 315 97 8 1, 241 322 5 75 10, 183 155 6, 406 322 13 40	2 2 1 13 24 70 1	1 1 494 68 3 786 527 4 127 5,415 57 2,707 180 111 34	2 15 14 23	119 36 3 306 613 4 119 2,141 31 922 61 14	1 5 10 9	77 14 11 62 313 54 509 2 168 14 8 3	2 1	2 1 4 34 1 5 30 16 1		1 2 3 3 30 16 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
1,045	2, 146	1,765	2, 786	5, 099 1	4, 251	7, 056 9	2, 301	8,744 12	718	2,022	195	687	<u> </u>	136	11	12	1	7	4
1	9	28 28 2	25	12 206 11 201 2 6 4 7	13 13 4 1	74 553 25 208 7 9 5 33	4 86 4 	75 852 14 72 7 10 7 28	3 39 1	55 92 3 10 3 3 2 13	2 9	5 1 1 2	1	1 8		1			

Most of these were returned as "distillers," "refiners," or "treaters." Includes hostesses and matrons.

## Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIGN WHI		NEG	RO	OTHER RACES	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 4 5 6 7 8 9 9 10 1 12 3 14 5 16 7 11 12 3 14 15 16 7 18 9 20 1 22 23 24 25 6 27 28 9 30 1 22 23 33 34 5 30 1 20 1 20 1 20 1 20 1 20 1 20 1 20 1	CHEMIOAL AND ALLIED INDUSTRIES— Continued Rayon factories—Continued. Accountants and auditors. Agents (not elsewhere classified) Bookkeepers and cashiers. Clerks. Commercial travelers. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping elerks. Stenographers and typists. Weighers. Other elerical pursuits. Blacksmiths. Boilermakers. Brick and stone masons and tile layers. Carpenters. Cement finishers. Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary). Loom fixers. Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Tinsmiths and sheet-metal workers. Other skilled trades. Apprentices. Chaufleurs and truck and tractor drivers. Draymen and teamsters. Dyers. Firemen. Guards, watchmen, and doorkeepers. Janitors.	96 22 190 029 25 16 21 38 182 292 41 12 29 21 45 361 10 209 263 32 701 144 18 321 31 31 321 31 31 32 43 45 45 45 45 45 45 45 46 47 47 47 48 48 48 48 48 48 48 48 48 48 48 48 48	90 21 99 666 25 19 3 21 34 131 10 10 12 29 20 11 45 351 10 299 253 32 761 435 124 131 16 19 81 11 10 11 11 11 11 11 11 11 11 11 11 11	1 1 1 6 511	70 19 92 684 200 18 3 19 121 10 13 12 24 11 15 334 9 9 285 223 223 227 689 407 116 18 200 28 12 11 11 11 11 12 24 11 11 15 16 17 18 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	6 14 84 258 3 13 4 1 260 26 1 1 1 1 1 3 3 487	11 27 31 5 1 1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	13 2	20 1			
37 38 39 40 41 42	Laborers. Oilers of machinery. Operatives. Painters, glaziors, and varnishers (factory). Policemen. All other occupations. Soap factories.	20, 940 149 30 21	137 10, 087 140 30 17 18, 091	10, 853 3 4 4, 892	126 9,540 134 30 9	10, 316 3 3 4, 406	11 470 12 1 4,272	518 	76 7 591	18	91	12
44 45 46 47 48 49 50 51 52	Owners, operators, and proprietors  Managers and officials.  Foremen and overseers  Chemical engineers <sup>1</sup> Chemists Draftsmen Electrical engineers Mechanical ongineers Other professional pursuits	46 437 33 11	426 896 753 46 413 33 11 64 18	14 45 91 24	335 806 626 41 347 31 8 58	12 39 80 22 4	88 89 124 5 58 2 3 6		6		2 1 1	
53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68	Accountants and auditors Advertising agents. Agents (not elsewhere classified) Bookkeepers and eashiers. Canvassers Clerks. Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agonts. Salessen and saleswomen. Shipping clerks. Stenographers and typists.	78	219 225 151 186 90 1,060 30 821 48 64 2 1,200 1,415 23 17	926	201 216 137 155 81 943 27 765 44 59 3 62 2 938 341 23	53 6 890	18 9 13 24 6 113 8 52 4 4 2 77 63	2 1 1 25 4 62	1 2 3 3 3 3 1	2	1 1 1 2 1	1
70 71 72 73 74 75 76 77 78 80 81 82 83 84	Blacksmiths Bollermakers Brick and stone masons and tile layers Carpenters Compositors, linotypers, and typesetters Coopers Cranemen, derrickmen, hoistmen, etc Electrictans Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Plumbers and gas and steam fitters Tinsmiths and sheet-metal workers. Other skilled trades.	19 40 19 163 62 06 12 122 22 314 501 124 92 251 44	19 49 19 103 61 60 122 122 314 501 124 92 251 44	1	13 40 10 90 55 38 11 107 233 348 94 79 212 32	1	147 28 12 39		4 1 1		2	

<sup>&#</sup>x27;Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 17 YEARS OLD		18 Al YEAR	ND 10 S OLD	20 TO 24	YEARS	25 TO 34 OL:	5 TO 34 YEARS OLD S5 TO 44 YEARS OLD		YEARS LD	45 TO 54 OI		55 TO 64 YEARS OLD		65 TO 74 YEARS OLD		S 75 YEARS AND OVER		AGE UNENOWN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1 20 9 1	2 0 5 3	2 6 87 5 2 1	1 10 42 1 2	16 3 28 206 1 3 4 50	3 40 105 2 7	48 10 38 207 15 	27 81 4 	20 5 16 83 3 2 2 5 8 8 18	11 21 1 1	4 3 7 37 5 4 6 9	1 1 2 2 3 3	2 18 1	1 2	1 6	2			2	
1	3	1 1 7 11 4 30 18 2 2 1 8 1	2	4 8 2 1 1 27 27 25 64 34 88 9 9 6 50 2 2 4	14	1 35 2 5 19 86 2 3 133 9 29 29 29 21 156 38 6 132 132 132 133	7	1 4 4 8 2 14 1000 2 2 2 2 62 78 9 182 108 43 3 87 10 6		2 9 2 8 92 2 3 3 30 7 102 51 23 37 3 3 1		6 2 31 1 3 9 2 36 10 8		1 8 		1			
12 4 3 5 2 284 4 689 1	115	3 3 7 1 410 14 1,059 7	115	2 22 3 13 9 2 20 998 30 2,784 26	1 135 3,670 1	1 29 7 19 24 25 14 1,104 40 3,329 56 10	1 80 1,906	1 17 4 14 22 22 27 740 23 1,369 33 11 2	1 43	3 4 9 11 38 41 587 17 619 17 6	3 16 154	3 3 2 5 29 28 197 0 199 6 2 2	1 1 5 39	1 11 5 37 34	1 8	1 2 2	1	2 3	1 8
410	378	803	770	2, 824 3 38	1, 519	4,885 60 232 210	1, 271	4, 137 118 280 240	574 1 17 24	2, 921 94 209	278 9 4	1, 543 98 107	82 3 2	497 42 25	16	10	1	12	5
	2	1 2 2 15 3	2 4	48 125 12 1 1 11 4	7 13	24 139 15 4 27 7	13 30	240 8 69 2 3 15 5	3	152 3 81 1 3 7 2	14	75 27 2	4	23 2 7	1	1			
3 1 7 40	1 4 3 62	2 23 5 9 22 110 1 16	1 3 5 22 7 148	51 108 37 60 25 333 4 114 4 5	5 19 10 85 8 318	99 64 40 62 15 283 5 289 28 28	8 10 2 97 16 315	15 85 23 6 151 9 226 8	1 5 39 20 125 5 1	11 19 19 5 80 8 110 8	4 19 14 54	1 8 8	1 8 7 16	5 3 4 14 1 1 13	2 2 1	1 1	1 1	1	1
6 7 5 1	2 1 52 1	40 23 6	9 5 177	15 165 89 5 1	8 2 371 2	3 25 1 336 120 5 4	27 4 14 3 250 1	253 70 1 2	6 58	8 1 126 60 1 6	16 16 13 1	2 67 39 8	1 1 2	23 5	1	4 2	1		2
2		2 1 3 3 2 2 1 1		3 3 10 11 5 23 20 59 18 7 21 9		18 3 27 27 10 3 45 87 164 44 20 96	1	18 6 47 12 24 4 31 69 146 37		7 140 3 8 5 17 70 81 19 15 48 3		3 6 23 3 9 55 33 6 17 12 2 6		11 19 13 4 2 2 18		1			

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

	·	[In this tal	ole, the occu	pations o	f each indus	stry are pr	esented i	n most c	ases in five	groups: P	roprietary	, official,
		<b>7</b> 1-1-1		73 1	NATIVE	WHITE	FOREIGI WH				OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	CHEMICAL AND ALLIED INDUSTRIES— Continued										:	
1 2 3	Soap factories—Continued.  Chauffeurs and truck and tractor drivers.  Draymen and teamsters.  Elevator tenders.	410 71 45	410 71 44	1	318 50 23		75 18 16	<u>-</u>	15 3 5			
4 5 6 7	Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers.	205 205 81 4,799	205 205 75 4, 566	6 233	118 134 33 2,454	3 184	75 69 24 1,728	2 35	12 2 18 338	1 12	46	2
8 9 10 11 12	Ollers of machinery Operatives Painters, glaziers, and varnishers (factory) Porters All other occupations	5, 289 48 53 24	35 3,405 48 53 12	1, 884	22 2, 261 38 10 10	1,630	12 994 9 17 2	220 7	1 126 1 26	25	24	9
13	Other chemical factories	179, 880	143, 373	36, 507	100, 964	32, 553	31,992	3, 351	9, 530	539	887	64
14 15 16	Owners, operators, and proprietors Managers and officials. Foremen and overseers	4, 353 9, 281 6, 670	4, 129 8, 818 5, 859	224 463 811	3, 149 7, 788 4, 573	188 418 728	926 1,014 1,211	30 43 79	34 7 66	4	20 9 9	2 2
17 18 19 20	Chemical engineers 1	1, 107 10, 916 287 32	1, 107 10, 384 287 30	532	8, 331 257 24	451	145 1,862 30 6	76	158		33 	
21 22 23 24	Draffsmen. Electrical engineers. Lawyers Mechanical engineers <sup>2</sup> Photographers. Social and welfare workers.	441 275 45 737	433 275 45 736	8 	361 241 39 624	7	72 32 5 111	1	2 1		<u>-</u>	
25 26 27	Photographers. Social and welfare workers. Trained nurses	16 9 36	16 8 1	1 35	13 5 1	1 30	3 2				i	
28 29 30 31	Accountants and auditors	1, 717 295 981 4, 841	1, 556 249 804 1, 848	161 46 177 2, 993	1, 401 228 713 1, 657	152 43 148 2,720	155 21 74 183	9 2 6 264	15 3	21 8	2 5	1 2 1
32 33 34 35	Canvassers Clerks Collectors Commercial travelers	530 15, 118 51 4, 635	7, 974 43 4, 451	2,00 7,144 8 184	230 6, 993 35 4, 097	6, 627 7 158	30 895 4 313	17 498 1 10	9 70 4 31	27 16	16 16	1 3
36 37 38 39	Cradit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents.	247 655 352 503	229 590 36 480	18 65 316	211 519 28 439	18 54 300 22	18 31 7 39	8 16 1	36	3	4	
40 41 42 43 44	Sales agents Salesmen and saleswomen Shipping clerks Stenographers and typists. Weighers	102 4,605 3,179 9,114 210	79 4, 312 3, 063 332 151	23 23 293 116 8, 782 59	3, 854 2, 452 311 118	22 256 100 8, 294 50	7 404 516 19 28	1 18 10 466 8	3 39 88 1 5	19 5 14 1	15 7 1	1 8
45 46 47	Blacksmiths. Boilermakers Brick and stone masons and tile layers.	314 247 250	314 247 250		170 204 155		139 42 89		4 1 4		1 2	
48 49 50 51	Cabinetmakers Carpentors Cement finishers Compositors, linotypers, and typesetters Coopers	29 1,464 11 446	29 1, 464 11 382	64	1, 021 4 331	62	12 434 5 47	2	7 2 4		2	
52 53 54 55	Conpersmiths	264 48 396 1,469 2,800	264 48 396 1,469		134 32 250 1, 264		124 16 137 200		9 4		1 1	
56 57 58 59	Engineers (stationary) Engravers Machinists Mechanics (not otherwise specified)	3, 317 1, 526	2,806 17 3,317 1,526	1	2, 218 13 2, 393 1, 188	1	544 4 876 302		39 44 34		5 4 2	
60 61 62 63	Millwrights Paintors, glaziers, and varnishers (building) Pattern and model makers. Plumbers and gas and steam fitters.	840 78 42 2032	840 78 42 2032		643 57 28 1697		188 20 14 323		8 1 9		1	
64 65 66 67	Sawyers Tinsmiths and sheet-metal workers. Toolmakors and die setters and sinkers. Other skilled trades	16 216 181 31	16 216 181 30	<u> </u>	14 151 114 25	  1	2 62 67 4		3 1			
68 69	Apprentices: Machinists' apprentices. Other apprentices	31 163	31 157	6	28 146	4	3 7	2				
68 69 70 71 72 73 74	Charwomen and cleaners Chauffeurs and truck and tractor drivers Draymen and teamsters Elevator tenders	3, 332 461 132	3, 332 461 125	35 7	2, 703 320 63	19 4	382 83 83	10	224 57 22	6	23 1 1	
75 78	Firemen Guards, watchmen, and doorkeepers Housekeepers and stewards <sup>3</sup> Janitors	2,031 1,353 20 655	2, 031 1, 346 3 614	7 17 41	1, 051 885 3 239	5 12 16	748 417 215	1 4 19	226 44 153	1 1 5	6 	1
77 78 79 80 81	Laborers Oilers of machinery Operatives Painters, glaziers, and varnishers (factory)	38, 200 368 34, 742 503	36, 568 368 22, 814 481	1, 632 11, 928 22	17, 150 260 15, 794 361	1, 267 10, 131 18	12, 373 98 5, 649 105	204 1,538 2	6, 482 8 1, 248	154 224 2	563 2 123 1	1 7 35
82 83	Policemen. Porters.	60 397	59 397	1	50 60	1	105 8 44		1 293			

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers." <sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

	7 YEARS LD	18 AN YEAR	ND 19 S OLD	20 TO 24 OI	YEARS D	25 TO 34 OL		35 TO 44 OI		45 TO 54		55 TO 84 OL	YEARS D	65 TO 74 OI	YEARS D	75 YE AND (	EARS OVER	UNEN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fo- male	Male	Fe- male
2		14		00		189		00				9		2					
1 1		2 2 1 1		88 8 2 11	1	153 12 8 40 12		98 21 17 60 21		44 16 7 60 61		8 6 26 71 26 370		1 4 33		2 4		1	
114 177	24 220	237	43 342	685 7 559	72 553	1, 107 6 842	48 410	1, 077 8 686	2 31 222	19 847 9	1 9 98	26 370 5 275	6 	13 114 104	5	1 9 <u>1</u> 2		6	 <u>2</u>
1 2 4		220 2	342	1 4 2		17 6 1	1	14 13 1	1	527 8 14 1	<u>-</u>	5 11 2	4	3					
2, 901	2,788	5, 822	5, 016	19, 932	10,876	38, 591 516	9, 342	35, 243	4,662	24,001	2, 512 75	12, 294 845	982 54	3, 999	260 15	511 74	40	79	29
1	5	16 29	32	60 269 301	33 120	2,007 1,538	102 221	1, 087 3, 011 1, 889	138 240	2, 101 1, 303	100 130	1, 059 618	60 54	388 297 161	22 9	48 17	4	10 2	2 2
		339		129 1,924 22 5	159	472 3, 492 91 13	198	320 2, 394 101 6	101 2 1	1,300 54	48	670 13	17	10 215 6	5	46	2	4	2
		18	1	113 33 3	2	154 98 15	3	101 80 13		38 47 9	1	10 15 4		$\begin{bmatrix} 1\\2\\1 \end{bmatrix}$					
				48 5	4	298 5 1	8	227 5 3	1 1 16	117 2 1	4	38 1 1	3	9		1			
2		38 8	2 4 3	179 35	38 10	588 86 199	62 13	467 70	34 15 47	190 32	16	70 13	A	20	2	2		2	1
27 27 3 385	79 3 436	120 6 814	334 3 900	58 489 18 2,021	12 922 17 2, 200	199 600 69 2,291	29 977 37 2, 048	246 323 53 1,198	47 412 74 977	169 155 50 708	45 216 65 428	70 13 97 95 34 377	30 44 40 114	20 3 30 33 32 152	10 8 18 26	5 5 24	2 2	1 4	1 1 4
		28 2	2	6 284 23 37	16 2	11 1, 154 80	2 41 5	1, 326 72	58 6	977 28	45 2	5 516 14	17 3	143 8 7	4	21 2 1	1	2	
375 5	14 21	139 3 5	17 40	16 41 3	19 133 2	12 6 160 25	101 8 4	5 3 150 21	7 17 6 4	90 19	3 6	10 1 24 0	3 5	9	1 4	1 1		1	
21 105 22 5	5 8 479 5	50 237 59 12	13 14 1,464 10	447 678 131 32	36 29 3, 522 20	25 1,346 817 83 32	56 23 2, 511 10	1, 178 517 29 27	68 19 595	19 737 403 5 23	67 17 161 4	364 225 1 12	34 5 32 3	138 74 1 7	10 1 8	28 7 1	1	3	9
		1 3 2		10 23 41		41 65 62	1-	78 82 53		91 51 57		67 21 28		24		2			
2		13		95 1		287 1		390 3		8 376 5		7 220 1 30		. 3 71		8		2	
8 1 1	3	32 13	7	75 22 1 44	20	104 42 8 131	17	69 49 14 133	11	48 70 14 65	4	30 45 10 13	1	15 21 1		1	1		
1		49 12 2		256 229 5	1	561 751 3		360 765 4		186 573 3		52 362		101		11		1	
		64 39 4 5		324 201 91 0		974 501 216 23		946 412 264 14		609 242 163 16		302 99 80 10		89 28 20 1		2 2		2 2	
		1 48		5 290 4		13 669 6		603 5		4 314		92 1		3 14		1		1	
		5	i	32 12 4		61 53 8		57 67 11		38 36 3		17 7 2		1 1		1			
17 71	i	5 40 2	1	7 38 2	1 5	2 6 2	2 4	5	1 13	2 2	<u>1</u>	2	5	1			i		
34 3 3		185 19 3 21	ī	761 39 13 144	2	1, 332 117 23 480	2	670 101 18 670	1	255 102 19 475		80 61 28 190	1	13 19 15 46		$\begin{vmatrix} 1 \\ 3 \\ 3 \end{vmatrix}$		1	
4		3		21 33	1	62	1 4 3	175	4 14	312 3 153	1 7 15	475	3 2 9 47	262 85 829	12	35 9 70	1	1 1 26	4
929 2 855 4	171 1,556 2	1,914 5 1,356	244 1,916 5	5, 562 52 3, 954 67	436 3,097 5	9, 110 97 6, 192 153	341 2, 475 7	8, 914 89 4, 943 113	233 1, 482 3	6, 383 87 3, 234 85	144	32 1,692	386	521 7		58 2	14	9	3
12				1		7	1	15 90		16 52		14				3			

Includes hostesses and matrons.

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

-		[In this tal	ole, the occu	ipations o	f each indus	try are pr	esented i	n most c	ases in five	groups: P	roprietary	y, official,
****					NATIVE	WHITE	FOREIG: WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fo- male
1	Cigar and tobacco factories	149, 568	70, 970	78, 593	40, 458	49, 865	14, 443	9, 655	15, 789	18, 512	280	561
2 3 4	Owners, operators, and proprietors Managers and officials Foremen and overseers	2, 654 2, 009 3, 321	2, 619 1, 960 2, 666	35 49 655	1, 669 1, 712 2, 226	29 41 583	929 246 380	5 8 60	17 1 58	1 11	4 1 2	1
5 6	Chemists Draftsmen	37 13	35 13	2	32 11	2	3 2					
7 8 9 10	Electrical engineers. Mechanical engineers Trained nurses Other professional pursuits.	19 15 25 15	19 15 14	25 1	18 14 13	21	1 1 1					
11 12	Accountants and auditors	812	305 51	7	266 46	6 2	39 5	1				
18 14	Advertising agents. Agents (not elsewhere classified) Bookkeepers and eashiers Canyassers	125 1,844	124 1,081	1 763	103 1,009	698	21 72	63		2		
15 16 17	Canvassers Clerks Collectors	3, 121 11	2, 056	1,065	1,779	974	241	62	33	27	3	2
18 19			2, 061 50	4 5	1,927 44	4 5	129 6		4			
20 21	Messenger, errand, and office boys and girls Office appliance operators	115 73	102 3	13 70	79 3	11 66	5	2 4	18			
22 23 24	Commercial travelers. Credit men Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents. Sales agents. Salesmon and saleswomen Shipping clerks. Stenographers and typists.	193 15	193 14	1	192 13	1	1		1			
25 26	Shipping clerks	1,642 1,036 1,079	1, 612 960 53	30 76 1,026	1,420 760 51	28 47 970	178 132	10 52	11 68	19	3	
27	Weighers		53 53	190	37	174	2 3	7	18	จึ		
28 29 30	Blacksmiths Carpenters Westvers and typesetters	18 211	18 211		13 174		2 25		3 12			
31 32	Compositors, linotypers, and typesetters	48 219 108	47 219 108	1	44 57 107	1	2 1		162		1	
33 34	Electricians Engineers (stationary) Machinists	160 1,468	160 1, 468		122 1, 245		26 159		12 64			
35 36	Mechanics (not otherwise specified) Millwrights	402 48 82	402 48		294 45		88		20			
37 38 39	Mechanics (not otherwise specified) Millwrights Plumbers and gas and steam fitters Tinsmiths and sheet-metal workers Toolmakers and die setters and sinkers	45 18	82 45 18		78 43 14		3		1			
<b>4</b> 0	Other skined trades	37	37		27		8 3		7		1	
41	Apprentices Charwomen and cleaners	180 44	143 1	37 43	130	32 4	12	3	1 1	2 36		
43 44 45	Chauffeurs and truck and tractor drivers	727 56 108	727 56 107		503 33		44		176 19		4	
46 47	I Fireman	233 460	233 456	<u>1</u>	20 94 344	1 2	9 23 84		72 116 28			
48 40	Guards, watchmen, and doorkeepers	195 20, 581	158 14, 094	37 6, 487	33 4, 333	6 2,728	19 870	272	105 8, 863	30 3, 391	1 28	
50 51 52	Ollers of machinery Operatives	78 103, 715	35, 767	67,948	57 19, 151	43, 419	10, 640	9,093	14 5, 745		231	
53 54	Operatives Paintors, glazlers, and varnishers (factory) Porters All other occupations	34 176 13	33 176	12	27 23 1	1	3 13	 5	3 140	1		
	CLAY, GLASS, AND STONE INDUSTRIES					U				1		
55	Brick, tile, and terra-cotta factories	97, 245	93, 094	4, 151	59, 802	3, 758	16, 518	230	14, 245	111	2, 529	52
58 57 58	Owners, operators, and proprietors	1, 428 3, 001 2, 889	1, 417 2, 965 2, 866	11 36 23	1, 207 2, 695 2, 355	10 36 23	202 266 437	1	2 3 50		6 1 24	
59 60	Chemists	171   56	171 56		152 58		.5 3				. 4	
61 62 63	Designers	81 254	67 251	14 8	44 205	11 2	22 45	3 1			1 1	
64 65	Electrical engineers Mechanical engineers Mining engineers  Mining engineers	88 51 14	33 51 14		32 46		1 5					
66	Mining engineers 2. Other professional pursuits	16	9.	7	13 7	7	$egin{array}{c} 1 \\ 2 \end{array}$					
67 68 69	Accountants and auditors Agents (not elsewhere classified)	240 91	228 89 750	12	214 80	11 2	14 9	1				
70	Bookkeepers and cashiers Clerks Commercial travelers	1,200 1,540 353	750 1,092 351	450 448 2	711 1,019	426 423 2	87 66	22 22	5	1	2 2	2 2
71 72 73	Credit men	20 44	20 41		329 19 32	<u>2</u>	$\begin{bmatrix} 21 \\ 1 \\ 1 \end{bmatrix}$					
74 75	Office appliance operators	15 33	32	18	80 80	12	1 2			1		
76 77 78	Salesmen and saleswomen Shipping clerks. Stenographers and typists	643 313	638 309	5 4	589 269	5 3	49 31					2
79 80	Weighers Other clerical pursuits	1, 031 12 27	53 10 27	978 2	50 10 22	949 2	<u>2</u>	27				
	Includes also all technical angineers not alsowhere al		27 '.		22 '	¹	4 )		1 1	.		

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

# GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

	rvisory i	18 A1		20 TO 24		25 TO 34	YEARS	35 TO 44	YEARS	45 TO 54	YEARS	55 TO 64		65 TO 74		75 YE	ARS	AG	e OWN
oi oi	.D	YEAR	SOLD	OL	D .	01/1		OLI		OL		01/1		<del></del>				<del>'</del>	Fe- male
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male		
1, 999	8, 564	2,701	9, 326	8, 109	17, 431	15, 903	19, 789	15, 641	13, 563	12, 840	6, 566	8, 867 758	2,569	4, 256	781	612 71	67	42	37
<u>-</u>	12	1 3 16	<u>-</u>	8 53 229	1 2 150	141 379 639	18 176	489 628 761	7 10 149	735 499 597	10 13 71	284 321	5 4 19	416 98 93	4	71 11 7	1	<u>5</u>	
		2		7 5	2	13 4		6	 	4		2 1 3				1			
				1	5	5 4	9	5 3	7	4 6	1 1	1	2	i					
		2		26		4 84	3	5 1 <b>0</b> 6	3	4 59	1	20		6		1			
<u>1</u>		1	86	26 14 3 204	1 1 280	84 14 29 875	1 1 250	14 32 267	115	$\begin{array}{c} 4 \\ 29 \\ 123 \\ 2 \end{array}$	39	20 42	16	2 8 19		1	1	ī	
3 162	17 74	46 182	138	439	302	571 2	332	3 341 1	1 143	$\begin{smallmatrix}2\\2\\1\\3\\2\end{smallmatrix}$	60	103	14	38	2	6		1	
		8		257 3	2 2	763 13	1	523 18	2 2 1	295 8 2	2	149 6 2		56 2 1		7		3	
58	9	24	. 8	. 5 10	80	4 2 61	21 21	6 1 58	1	37 2	1	18		8					
6 44	1 11	16	6 6	198 206	6 20	581 242 12	10 14 291	404 166 6	1 4 14	244 118	2 8 23	112 75		46 22		1		1	1
5 4	53	6	154 29	198 206 22 16	412 38	12	291 45	6 6	86 40	6	20	7	ı	1 3	1			-	
1		4		1 9 12		39 8		55 15	<u>1</u> -	49 3		- 38 - 38 - 28		16					
3		- 6 2 3		32		48 34 19		55 44 55		43 7 35		- 28 3 29 - 84		8		3		2	
		34		180 67		516 136		403 104 14		220 60 10		- 84 22 8 - 8		27 2 5		2			
		3		- 9 5		10 29 10		23		8		12 2 2 7		i		i	-		
				2 6		8		10		4		7		2					
69	_ 4		1		_ 10	3	. 14	133	7	1 44		18	2	6					
15 1 5		- 46 - 2		17 24	<u>-</u>	13 36 44		8 22 71		58		18 3 7 7	'	18		-			-
1 1 4				3 2 12 2,445	: 1	14 31	8	8 22 71 47 28 2,691	14 1, 135	134 31 2,074			11 2	2   16	74			7	2
659 11 939		16	3   1	1 12	1, 459	- 6,958	16, 964	_1 10	11, 817	1 5	5, 66	1 7	/ I	2, 733	636	394	5	6 22	34
. 4		1	l	22		10 45		41	i	_ 29		3		2 7	3				-
2, 122	262	4, 034	L 559	13, 695	1, 197	=		=	617				====		=====	= =====	_	2 62	8
		:-	3	30 82 154	2	180 606 681	3   8		3 7 4	387 758 664	1	1 327 2 447 5 380		134 3 146 2 115	1	20		:	
2			5	38		- 78 - 14		34 28 12		15			2			-			
		1	2	16	3			12 48 10	2	_ 36	3	1	[	1 1				1	
	-				5   2	16	3	12		- 18 -		2					-		-
			1	1(	}	81			8	39	)	i 1	2	$\begin{bmatrix} 1 & 5 \\ 2 & 6 \\ 4 & 17 \end{bmatrix}$					-  
3			5 3	5 17°	7 123	3 24: 1 33:	2 151 2 139	169 213	92 73	8	[ 2		в (	4 17 B 27			i		
				2:		12	7	$\overline{z}$ $\overline{z}$		-	3   1		4	1			i		-
			ī		a-	21	8	3 1 85	; [	1 !	j	3		14		-	5		-
	4 3 2	1	7 1 0	$\bar{g}$ $\frac{7}{2}$	5 2 37	9	6   -	1   68	9	3	1 1	5	4	6 2	3		i		
					3	1  ī	i		3-1		2		2	I <sup>1</sup>	L i=	1	!		-,

<sup>&</sup>lt;sup>2</sup> Includes, also, chemical and metallurgical engineers.

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		[In this tab	ole, the occu	pations of	each indus	try are pr	esented i	n most ca	ases in five	groups: P	roprietary	, official,
					NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	CLAY, GLASS, AND STONE INDUS- TRIES—Continued						,					
1 2 3 4 5 6 7 8 9	Brick, tile, and terra-cotta factories—Contd.  Blacksmiths	291 16 1, 072 367 12 320 184 953 1, 018	291 16 1,072 367 12 326 184 953 1,018		191 10 679 299 11 265 172 808 842 392		82 5 256 59 1 47 10 125 137		90 6 12 2 18 31		2 2 8	
11 12 13 14 15	Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Pattern and model makers Plumbers and gas and steam fitters Toolmakers and die setters and sinkers Other skilled trades.	104 18 184 54 24 34	104 18 182 54 24 84	2	88 12 146 41 20 29	2	15 2 86 10 4 5		1 3 i		1	
17 18 19 20 21 22 23 24 25 26 27	Apprentices Chaufleurs and truck and tractor drivers Diraymen and teamsters Firemen Guards, watchmen, and doorkeepers Janitors Laborers Ollers of machinery Operatives Painters, glaziers, and varnishers (factory) All other occupations	96 2, 221 448 2, 510 540 74 50, 548 74 12, 884 72 42	94 2, 221 448 2, 519 548 73 58, 792 74 11, 535 49 34	1 1 751 1,349 23 8		1 594 1,210 17 4	7 176 69 593 127 18 10, 709 6 2, 666 14	1 54 95 1	1 302 99 399 40 25 12,095 7 980 2	85 21	2 57 2 30 8 2 2, 028 3 281 2	18
28	Glass factories	97, 729	84, 947	12, 782	66, 302	11, 441	14, 738	709	3, 487	510	420	32
29 30 31	Owners, operators, and proprietors Managers and officials Foremen and overseers	943 2, 044 3, 228	933 2, 015 3, 133	10 29 95	614 1, 779 2, 672	9 25 86	318 235 444	1 4 9	1 15		1 2	
32 34 35 36 37 38 40 41	Chemical engineers <sup>1</sup> . Chemists Civil engineers and surveyors Designers Draftsmen Electrical engineers Lawyers Mechanical engineers <sup>2</sup> . Trained nurses Other professional pursuits	23 201 68 101 214 51 10 152 18	23 199 68 148 212 51 10 152	13 2 2 	22 177 62 101 184 44 10 132	11 2 	1 21 6 40 28 6	1	1 1			
42 43 44 45 46 47 48 49 50 51 52	Accountants and auditors	342 16 1,40 1,359 3,079 10 387 62 103 51	316 14 136 656 2,167 8 384 61 98 8	26 2 4 703 912 2 3 1 5	290 14 118 622 1,996 852 57 89 6 77	25 24 641 870 2 3 1 5 40 2	26 18 34 161 2 31 4 3 2	62 40	1 6	2	4	
53 54 55 58 57	Shipping clarks	582 880 1, 698 27 17	564 848 67 16	1, 626 1, 626 11 1	745 84 13 14	1, 561 1, 561 10	85 3 2 2	3 64 1	18		3	
58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	Blacksmiths Boilermakers Brick and stone masons and tile layers Carpenters Compositors, linotypers, and typesetters Coopers Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary) Engravers Goldsmiths and silversmiths Machinists Mechanics (not otherwise specified) Millwrights Fattern and model makers	238 229 249 521 211 62 330 705 540 231 3,009 11 2,472 466 217	238 22 249 521 18 62 330 705 540 2905 2,905 11 2,472 466 217	22 44	2, 126 9 2, 150 409 194 65	3 	53 102 59 1 3 53 41 75 77 794 2 290 56 23 15	1 2	2 3 1 4 3 2 2 2 33 2 1		1 12 3	
74 75 76 77 78	Plumbers and gas and steam fitters	317 35 67 59 18	317 35 67 59 18		291 35 61 44 12		25 6 15 6	<b>-</b>	1			

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers."

# GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES-Continued

0 TO 17 OL	YEARS D	18 AN YEARS		20 TO 24 OL	YEARS D	25 TO 34 OLI		35 TO 44 OL		45 TO 54 OL		55 TO 64 OLI		65 TO 74 OL		75 YE AND (	ARS	AG UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fc- male
·								١						1					
		22 3		1 2 161		23 4 259 39		76 4 250 89		83 3 204 108		80 2 125 74		26 1 45 33		6 6			
1 1				14 24 22		1 123 71		107		6 55 32		13 12		2				 	
3		1 4 24 10		43 83 56		172 294 139		256 281 156 32		226 202 94		184 112 39		58 21 15		7 1 1			
		1		5 3 19	2	16 5 44		47		33 4 34		12 1 23		13		1 1		. I	
		2		5 1 4		19 6 9		17 8 5		9 6 8		2 3		1 3				-	
29 33	1	19 77 13 19		37 494	1	7 967		449		1 149		1 48 81	 	4 27				1	
29 33 12 8 1		13 19 1		43 129 4		81 469 40		85 760 81		149 104 685 135 15 9,143	1 1	349 162 20		27 92 107		7 17 3		] î	
1, 769 1	71	3, 269	114	9, 887 7	173	15, 976 25 3, 146	182	13, 028 17 2, 772	123	9, 143 18 2, 017	62	4, 270 6 1, 064	17	1, 292 1, 293 351 351	6	107	1	51	2
196 1 4	131 1	386 2 1	227 3 1	1,575 9 1	356 11 2	3, 146 16 5	5 	11 8	1 3	8	1	1	1	. 8 6	1	1			
3, 491	1,458	5, 359	2, 064	13, 261	3,758	20, 983	3,015	18, 452	1, 511	13, 441	684	7, 180	233	2, 447	48	285	=	48	-
1		6 13	1	11 48 156	3 16	155 409 759	1 4 23	270 677 978	3 12 33	266 521 765	2 7 15	166 270 351	3 3 5	55 69 98	1	1 75			
		10		2 38	1	16 72	i	3 49 21		20 17		2 9		1					
·		3 7		6 24 61	7 2	72 23 32 80	2	39 38 21	2	20 17 10	1	23 5 1		4	1				-
				6 1 9		13 2 45		3 57	4	30	4	10	1	1 1	-  <sub>ī</sub>	i			
		. 8	1	41	2	120	15	81	4	1 48 2	1 2	16	1	4	1	1	-	2	1
5	20			179	224	120 5 35 241	1 3 240 282	40 40 99	108	36 57	37 57	1 15	10	2	1	i		2	
60 2	34	169 2 3	63 102	569 1 27	295 1	639	282 2 1	108	130	201 92	ī	- 30		56 1 12		1	-		-
50	1 5	23	2 3	11 3	17	18 7 2 21	1 16	24 3 1	1 2	14	1	33		i					
4 13		1 4	 5 4	11 69 142	3 7		6 6	187	10	13 85 136 3	3 39	39 79	9	15 25	1	1		1	i
3	52 1	14	252	142 27 3	607 5	231 13 3 2	487 3 1	5 3 4		3	P 1	1. 2				-			
		2		2 1		21 3 60		1 *0		.! 69 6 67		- 34		_ 5		-  4 -  2			
4 1		$\frac{4}{7}$		19 36 1 4		96 6		133 4 11		122		i <u>i</u>		7		1			
2 <u>1</u>		12 17 1		70 116 31		133 286 102		178 138		. 84		_ 20		42		7		i	
1		12 87		27 221 1	14	38 629 5	12	837	4	686		380		108		14		3	
		62 10 1		333 64 18		777 161 59		135 48				25 24		- 5 - 5		1			
		$\frac{1}{2}$		10 33 6		20 87 12		100		66		- 27 - 1		4					
i	-	<u>1</u>		9 8 1		19 16 4				13		_ 4		3			-	-	-

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

CLAY, GLASS, AND STONE INDUSTRIES—Continued  Glass factories—Continued. Apprentices: Machinists' apprentices. Other apprentices. Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders.	Total	Male	Female	Male	Female	Male	Fe-	Male	Female	Male	Fe-
Glass factories—Continued. Apprentices: Machinists' apprentices Other apprentices Chauffeurs and truck and tractor drivers Draymen and teamsters Elevator tenders.	40		ii				male	1,1410	T OILLIO	141410	male
Firemen Guurds, watchmen, and doorkeepers. Janitors Laborers Oilers of machinery Operatives. Painters, glaziors, and varnishers (factory) Porters All other occupations.	896 101 67 528 618 210 28, 108 126 40, 853 287	40 177 894 101 60 528 612 186 26, 362 28, 362 33, 554 242 65	8 2 7 7 	37 166 740 73 41 370 445 92 18, 918 100 26, 516 191 12	7 2 5 5 12 1, 466 6, 458 41 11	3 9 83 15 15 19 107 151 30 4,809 11 6,147 49 6 5	1 2 1 6 105 484 4	1 68 12 49 15 60 2, 313 8 776 2 46	6 102 338	1 3 1 2 1 4 2662 1 1 115	1:
Lime, coment, and artificial stone factories		80, 827	2, 809	58,898	2, 552	15, 292 431	178	7, 813	54	3,824	2
Owners, operators, and proprietors.  Managers and officials Foremen and overseers  Chemists. Civil engineers and surveyors. Designors. Designors. Designors. Designors. Machanical engineers. Mechanical engineers indining engineers indining engineers indining engineers indining engineers. Accountants and auditors. Accountants and auditors. Advertising agonts. Agonts (not elsewhere classified) Bookkeepers and cashiers. Clerks. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office-appliance operators. Purchasting agonts. Salesinen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits.  Blacksmiths. Boilermakers. Brick and stone masons and tile layers. Carpentiers. Carpentiers. Cament finishers. Compositors, linotypers, and typesettors. Coopers. Contaminists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbors and gas and steam fitters. Sawyers. Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.  Apprentices. Chauffours and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers. Ollers of machinery. Operatives. Painters, glaziers, and varnishers (factory).	906 318 16 199 110 166 94 10 431 33 210 2,487 630 42 78 30 108 811 222 1,343 95 14 496 105 310 699 462 114 75 804 1,144 1,626 1,144 1,44 1,44 1,44 1,44 1,44 1,44 1,	3,050 3,579 901 318 15 199 110 166 32 208 814 10 1,969 42 74 74 8 108 807 219 106 95 14 105 310 894 496 496 491 496 1,620 497 497 497 497 497 497 497 497 497 497	2	1,052 1,396	47 13 5 1 16 16 416 417 1 20 4 3 1,192	92 91	25 21 21 42	3 1 1 1 2 12 5 68 10	8	1 2 2 8 1 4 6 6 14 1 2 2 17 7 14 1	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

'D	YEAR	ND 19 S OLD	01	LD	25 TO 34 OL	YEARS D		YEARS LD	45 TO 54	YEARS LD	55 TO 64 OL	YEARS D	65 TO 74 OI		75 YE AND C	ARS OVER	UNKN	ge Iown
Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
7	8 57 52 7 1 1 1	2	7 58 201 21 5 28 4 6	1	9 346 26 7 88 19 21	2 2 5 340	1 179 13 14 137 41 22 4 718	2 3 8 190	74 21 11 143 143 41 3 712	2	19 10 11 86 211 49 2 139	22 240	0 3 8 39 162 33 759	2	1 3 31 8 70		1	1
1,056	10 2, 106 18 2	1, 289 11	5, 616 50 4	2, 012	35 8, 764 73 15 2	1, 521 9	7, 404 41 19	862 5	4, 966 36 11 4	384 . 2	16 2, 473 15 12	138	781 4 6	26	84	4	14	7
92	2, 486	233	10, 192	874	22, 530	914	20, 972	432	14, 607	186	6, 745	67	2, 032	22	216	2	67	4
	1 3 0 46	1	34 71 120 223 9 50 4 17	1	344 108 5 64 35 47 40	15 2 1	1, 178 159 128 4 41 45 56 24	1	831 887 105 61 4 21 22 30 20	5 13 8	368 356 423 15 8 2 3 14 6	1	143 94 112 8 4	1	20 17 7	1	2	
10	3 1 1 28 88 1	22	42 6 4 160 1 423 26	2 1 111 145	145 13 58 293 1 606 211	158 179	125 7 68 172 5 394 231	5 1 100 71	69 5 48 87 1 195 100 6	2 1 26 31	25 22 52 2 07 47 3	13	7 6 18 47 12	4	2 9 1		1	1
30	8	1 122	3 13 46 40 51 0 2	502	32 287 77 30 23 5	14	2 38 259 55 6 28 3	1 2 1 134	21 137 25 7 18 2	1 25	3 58 12 6	7	13 2 1		2 1		2 1	1
	3 7 5 2 1		28 35 24 3 14 90 142		23 63 143 109 4 19 356 449 440	1	38 83 194 152 2 13 264 360 446		32 67 173 107 1 10 112 142 373		10 51 100 50 1 8 20 29		11 37 14 7 4 3 59		4 7 1 1		1 1	
	9 1 5 4		165 62 34 2 20 16 2 4		213 149 5 24 42 5 16 3		248 185 9 24 49 2 16 4		149 120 3 29 29 4 17		57 50 3 11 10 3 7		39 10 10 1 9 3		2		1	
8	13 123 16 1 21 2 3 1,630 12 322	11	3 19 662 37 3 100 23 5, 633 72 1, 469	1 33 1 69	2 1, 246 74 4 326 79 13 10, 405 149 3, 220	2 2 35 80	563 82 5 397 120 20 9, 340 113 2, 929	1 32 59	185 71 3 311 173 26 6,700 94 1,966	3 27	35, 54, 9, 126, 214, 38, 3, 025, 28, 798	3 7	8 19 1 25 150 26 808 7 211	5	2 2 1 3 19 4 76		2 1 45	1
	7 267 1, 058 8 92 10 10 11 2 30 8	male	male	male   ma	male         Mare         male         Mare         male           7         57         57         201           7         57         221         21           1         2         4         1           267         2,538         310         4,773         461           1,056         2,106         1,259         5,616         2,012           8         2         1         1         2           92         2,486         233         10,192         874           1         3         71         2           92         2,486         233         10,192         874           1         3         71         2           9         46         223         1           9         50         2         2           1         22         3         1           2         2         4         1           1         2         2         1           1         2         2         1           1         1         4         1           1         2         2         1           1	Male   Male	male         Male <th< td=""><td>  Male   Male  </td><td>  Maile   Mail</td><td>  Male   Male  </td><td>  male   male  </td><td>                                     </td><td>  S</td><td>7</td><td>  S</td><td>  The color of the</td><td>7</td><td>  Total</td></th<>	Male   Male	Maile   Mail	Male   Male	male   male		S	7	S	The color of the	7	Total

<sup>&</sup>lt;sup>2</sup> Includes, also, chemical and metallurgical engineers.

<sup>120627-33---29</sup> 

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIGN WHI		NEG	RO	OTHER	RACES
٠	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	CLAY, GLASS, AND STONE INDUSTRIES—Continued					·		_				
1	Marble and stone yards	50, 430	48, 806	1, 624	32, 504	1, 511	14, 521	109	1,665	4	116	
2 3 4	Owners, operators, and proprietors	2, 173 1, 730 965	2, 138 1, 683 962	35 47 3	1, 466 1, 455 744	29 42 2	671 228 214	6 5 1	1 4			
5 6	Chemists Civil engineers and surveyors	15 28	14 28	1	13 22	1	1 6					
7	Designers	136 1,084	128 1,073	8 11	96 915	8 9	32 158	2				
8 9 10	Electrical engineers	14	14 18		13 15		3					
11			15	2	12	2	8					
12 13	Accountants and auditors	121 122	110 109	11 13 471	102 99	11 13 423	10	48				
14 15	Canvassers	20	489 23 508	265	446 21 475	2 2 252	43 2 31					
16 17	ClerksCommercial travelers	773 527 18	522 18	δ	489 16	5	32				1	
18 19	Credit men.  Messenger, errand, and office boys and girls  Purchasing agents	44 20	41 19	3	37 19	3	3		1			
20 21	Sales agents Salesmen and saleswomen	13 1, 012	13 996	16	11 921	14	2 72	2	1			
22 23 24	Shipping clerks	155 730	155 32	698	127 29	670	26 3	28	2			
25	·		20	. 3	18	2	1	1	1			
26 27	Blacksmiths. Brick and stone masons and tile layers Carpenters	558 1,765	558 1,764	1	378 1,042	1	176 662		4 54			
27 28 29 30	Carpenters	135 500	135 500		111 378		24 113					
31	Oranemen, detrickmen, holstmen, etcElectrictans Engineers (stationary)	209 [	117 209		110 162		7 46		1			
32 33 34	Machinists	412 250	412 250		319 208		87 34		6		1	
35	Mechanics (not otherwise specified) Millwrights Pattern and model makers	80 80	80 80		64 54		15 24		1		2	
36 37	Plumbers and gas and steam fitters Sawvers	868	19 868		12 741		120 120		6		1	
38 39	Stonecutters Tinsmiths and sheet metal workers	16,817 13	16, 816 13	1	9, 565 12 35	1	6, 990 1 9		225			
40 41	Toolmakers and die setters and sinkersOther skilled trades	45 60	45 58	2	47	2	10		i			
42	Apprentices: Architects', designers', and draftsmen's ap-	22	20	2	20	2						
43	prentices. Other apprentices Chauffeurs and truck and tractor drivers	461	460	1	423	1	34		2		1 4	
44 45	Chauffeurs and truck and tractor drivers	781 73 39	781 73		622 48		81 13		74 12			
46 47	FilersFiremen	83 I	39 83		29 60		10 16		7			
48 49	Guards, watchmen, and doorkeepers	170 28	169 27	1	130 12	1	37 5		10			
50 51	Laborers	8, 102 7, 963	8, 097 7, 953	5 10	5, 126 5, 197	5 7	1,929 2,514	3	1,007 215		35 27	
52 53	OperativesPainters, glaziers, and varnishers (factory)All other occupations	20 37	20 32	ā	18 20	1	4	i	8	3		
54	Potteries	42, 921	33, 876	9, 045	26, 863	8,074	6, 168	694	939	62	401	215
55 56	Owners, operators, and proprietors Managers and officials	390 1,005	382 979	8 26	209 846	7 24	78 132 170	1 2			5 1	
57	Foremen and overseers	1, 240	1, 104	136	928	126	I	10	5		1	
58 59	Chemists Civil engineers and surveyors	231 20	229 20	2	200 18	1	28	1			1	
60 61	Designers	62 49	35 48	27 1	26 38	24	8 10	3			1	
62 63	Electrical engineers	12 25	12 25		11 24		1					
64			10	4	8 94	4	2 16				 	
65 66	Accountants and auditors Agents (not elsewhere classified)	125 59	110 59 220	15 206	54 204	15 194	16 5 16	12				
67 68 69	Bookkeepers and eashiers	426 795 278	519 276	206 276 2	459 257	253 2	56 19	20	2	2	2	1
70 71	Credit men Messenger, errand, and office boys and girls	19 37	19 31	6	17 31		2					
72	Office appliance operators	14 29	3 29	11	3 29	10		1				
73 74 75	Purchasing agents. Salesmen and saleswomen. Shipping clerks.	263 357	255 339	8	235 274	7	19 61		4		1	
76 77	Stenographers and typists	608 12	21 12 18	587	20 11	574	1	13				
78	WeighersOther clerical pursuits	20 I	18	2	17	2	1					

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES- Continued

10 TO 17 OL	YEARS .D	18 AN YEAR	D 19	20 TO 24 OL	YEARS D	25 TO 34 OLI		85 TO 44 OI	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OL		65 TO 74 OL	YEARS .D	75 YE AND C	ARS	UNEN	E OWN
Male	Fe- male	Male	Fo- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
587	52	1, 347	168	5, 410	497	11, 304	476	11, 744	225	10, 093	130	5, 964	59	2, 075	13	248	3	34	1
		1 1 1		23 55 38	1 1	253 307 202	3 5 1	504 524 306	5 11	628 416 241	15 14	463 272 139	8 14	227 96 32	4 1 1	39 12 2	1	i	
		1		<u>-</u>		3 10 29 399	1	6 10		2		1 1		1					
		9 54	2 2	22 280 1	2 4	1	2 1	31 182 0	1 3	102 2	1	9 46 1	1	9		2 1		1	
						7 3		4	1	4 4		3 2	1	2					
<u>4</u>	10	2 14	39	11 80 2 141	2 124	38 13 185	5 2 143	25 20 105	4 3 86	22 27 61 6 43 135	1 50	8 20 20	5 15	20 10 1 12 36	2 2 1	8 2	1	2	i
10	9	37 1	20	141 19	85	2 174 95	87 2	7 71 120	42	43 135	16 16	17 107 2	5 1	12 36	i	3 9	1		
28		4		19 2 5 1	2	8 2 4	1 1	5 11 2		1 2 2 2		1 2		4	-			-	
i		7 9		68 27 12 3		3 197 52 10	5	227 28 4 2	5	228 22	4 22	179 14	3	76 3		12		1	
1	31	3	103		268	6	213 1	139	58 1	137	1	120		38	i	5			
1		14 45 1		32 210 12		73 456 21 167		430 35 144		137 339 38 75 18 50 86 45 21 14	1	120 203 18 28		38 73 9 12		6		2	
3 1		13 2 1		12 58 15 10 32 21		41 37 106 74		36 57 137		18 50 86		5 37 32		14 12		2			-
 		8 2		3		74 15 20		68 26 22		45 21 14		33 11 7		7 4 3					
		12		13 2 76	1	A.		6 225 3, 981		1 191 3, 913		2 86 2,377		24 779		1 1 96		111	
		346		1,711 2 3 5	1	3, 602 5 7 20	<u>-</u>	11 18		3, 913 2 12 7		10 5		1					
	1	3		8	1	1										ļ	.		
103	1	107	1	132 169		21		4 177		1 62		. 1 19		2 3				1 2	
12 1		30 1 2 2		9 5 4		308 18 10 18 8		23 12 23 22		11 9 15		15	1	6		5		-	
1 2		2		1 1, 185		8 5 2,029	<u>1</u>	22 5 1,901 2,022	1 2	9 15 31 3 1,423 1,604	2	69 7 705	1	32 3 228 281	1	18 22		5	-
211 108 1	i	392 210 1 2	1	884 5 4	5	2, 029 1, 966 6 9	1	2, 022 5 6	2	1,604	1	851 1 2	2	1 4				- ī	
958	895	1, 563	1, 137	4, 509	2,091	8, 341	2, 052	7, 825	1, 499	6, 170	889	3, 304	386	1,073	-	121	13	12	=
		4		6 17	1 17	35 164 264	2 9 86	106 304 304	1 8 35	109 259 277	5 30	84 171 168	1 2 12	36 51 37	1 2	9 3	i		
		6 2	3	44		109		41 8	2	20 2	2	13 2	i	1				-	
		1	10	1 5 16 1	7	7 10 14 4	4	7 10 1	8	8 4 4	1	3 3		2					
				5		6 5	ī	8	2	2		8	i	1 2		1		-	
		2	16	7 2 41	2 51	42 12 73	72	29 21 40 65 76	42	21 12 27 52 58	15 27	5 16 26	7 10	4 5 14	2	1 2			
21 	8	16 46 2		2 41 117 9 2	83	42 12 73 176 56 9	81	65 76 4	39	58 2	1	50		23 1 1		2		-	
24	3	5	1 3	1 2 1	1 5		3	10		3 56	2	3 26	2	13 12		i			
1 10		4 10 1	1 65	20 65 14	3 5 223	12 64 97 3 3	1 4 109	70 60 2 2	5 60		17	26 29 3	. 6	12					i
	16			1 1	1	37		2 2		[		] ĭ		.	-	.	·		-

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

==-					NATIVE	WHITE	FOREIGE WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 22 3 4 4 5 6 7 8 9 10 11 123 13 14 15 16 17 18 19 20 21 22 23 4 25 26	CLAY, GLASS, AND STONE INDUSTRIES—Continued  Potteries—Continued.  Blacksmiths	41 39 13 32 16 47 325 76	47 104 156 9 36 10 79 310 28 320 98 41 39 13 32 16 38 325 76 224 63 10, 309 16, 519 41	9 	31 124 5 35 14 75 265 265 38 254 00 29 32 10 26 10 27 4 54 160 28 7, 484 13, 085	8 8 2 11 5 5, 983 27 3	16 28 30 4 1 5 42 25 64 4 4 11 11 2 4 8 6 6 5 38 16 5 5 38 1,917 8,197 11 8		2 2 3		1	1 213
,	CLOTHING INDUSTRIES	11 000		10 800	1.004	10 505	550	0.001	90		1	5
27 28 29 30 31 32 33 34 41 43 44 45 47 48 49 55 55 56 66 61	Corset factories.  Owners, operators, and proprietors. Managers and officials. Foremen and overseers.  Designers. Other professional pursuits.  Accountants and auditors. Advertising agents. Agents (not elsewhere classified). Bookkeepers and cashiers. Canvassers. Clerks. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents. Sales agents. Sales agents. Stenographers and typists. Other clerical pursuits. Compositors, linotypers, and typesetters. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Pattern and model makers. Other skilled trades. Chaufleurs and truck and tractor drivers. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers. Operatives. Operatives.	15, 308  219 392 303 147 13 33 306 200 93 820 1588 18 19 17 374 233 350 11 18 19 80 13 11 22 21 21 35 33 30 10, 921	2, 570  160 242 98 69 10 27 29 37	12, 738  59 150 300 78 3 6 1 87 223 605 85 2 17 19 31 11 17 292 3 361 1 1 17 10,069	1,984 106 203 69 44 9 23 2 9 34	10, 585  43 133 263 67 3 5 177 201 77 201 78 7552 70 2 15 18 9 16 261 261 210 210 210 210 210 210 210 210 210 21	556 53 38 24 25 1 4 26 8 8 1 1 18 37 4 4 17 3 4 4 7 7 4 12 9 4 4 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18	2,081 16 17 37 10 1 8 22 14 51 1 1 1 29 3 3 3 2 2 3 7 1,786 3 7	28 1	1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
62 63	Glove factoriesOwners, operators, and proprietors	22,896	7, 732	15, 164 13	5, 865	13, 267	1,810	1, 624	53	244	4	29
64 65 66 67	Managers and officials Foremen and overseers  Professional pursuits  Accountants and auditors  Acount (not elsawhere classified)	309 596 8 33	288 320 6	21 276 2	243 263 4 26	19 258 1 3	45 57 2	2 20 1		1		
68 69 70 71 72 73 74 75 78	Agents (not elsewhere consumed) Bookkeepers and cashiers Clerks Commercial travelers Credit men Messenger, errand, and office boys and girls Salesmen and saleswomen Shipping clerks Stenographers and typists Other clerical pursuits.	13 271 419 120 16 24 108 254 260 21	13 72 203 120 14 18 103 229 6	199 216 2 6 5 25 254 11	10 65 183 108 13 16 86 197 5	177 196 2 5 3 22 241 11	3 7 20 12 1 2 17 28 1	20 17 1 2 3 13	4	3		1

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

10 TO 17 OL	YEARS D	18 Al YEAR	ID 10 3 OLD	20 TO 24 OL		25 TO 34 OLI	YEARS	85 TO 44 OL	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OLI	YEARS	65 TO 74 OI	YEARS D	75 YE AND (	EARS OVER	AG UNKN	OWN
Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
13 0 1402 4111 2 4	8 8 142 700 6	2 1 1 1 1 1 1 1 1 787 027 027 3 3	1 137 806 5	111 13 2 2 3 3 13 13 3 3 2 2 8 8 8 2 4 4 1 2 2 7 17,765 2,110 8 8 8 8	1 1 1 1 103 1,484 8 3	3 18 22 1 4 6 31 31 44 2 93 324 120 77 2 6 0 0 5 125 14 37 4, 297	2 	15 30 19 1 4 8 8 21 1 10 12 4 9 3 3 10 2, 110 4, 073 9 2 2	147 1,150 3 1	133 25 44 3 7 2 2 9 99 8 8 60 30 222 11 5 15 16 1,682 3,032 4 5	1 2	7 16 46 11 15 59 8 8 27 7 8 1 6 4 4 3 3 2 2 1 9 7 7 17 17 17 17 17 17 17 17 17 17 17 17	1 4 300 308	252	0 63	42	11		2
146	877	164	1, 118	361	2, 137	511	2, 631	526	2, 658	480		283			= ===	=	2:	2	8
	2	1	16	3 6	1	18 42 22	1	52 87 32	18 61 76	47 71 19	42	1	1	1	1 8	}  j			
		2	1	6	- 1	10 1 15			24 1 1	10	1	1							
2 2 24	_		28			15 1 1 9 47 15	73	5		is	1 24	18	10 10 18	2	5 3	3	i	1	1
25			4 3	-	4	. 2		4	3	_	- j	4							
12	2	2	 i		4 10	- ī	1 42 1 12	19	- 88	10 2	98	123 16	, ,	5	7 1	0			
			3	-	3		l						3		6 5		i		
			i		1	- 18	3     	22			5		3			-			-
			1	: J	4		5		3	<u>.</u>	2 4 5	1	4 5 0 0		3 9 		3		
17	7 2 73	4 1 6 7	1 84 8 873 1	2	5 58	1	3 2, 018	3 13	34 34 3 2, 112	2 11	5 1,58 4 1,58	10 2 10 3 10 1 7	86	6 1 4 4	8 24	вl	3	i	
52:				·			1 .		====							1	5	39	3 8
	3	8	1		5 3 4 4	5 1 7	6 7 2 7	5 12 5 8 9 8	1 1	1	٠] ،	i	3 1		4		3		
						1 1	.0	-	6		4	:	2		3	<u>-</u>	1		
i		6 8	4 1 26 2	5 1	1 0 5 0 0 0 0 0	5 4	3 14 .6 2	7 2	2 5 2 0	8 3		7 2	3	4	1 0		2		
1	0	2	1 4 2 2		1	3 2		2 1 3 7	6 5 1 1 1 4		11	1	1   2   1	1	5 6		1		

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		[In this tabl	e, the occu	pations of	NATIVE V		FOREIGN	-BORN	NEG.		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
-	CLOTHING INDUSTRIES—Continued Glove factories—Continued.											
1 2 3 4	Engineers (stationary)	14 98 25 23	14 98 25 21	2	10 80 19 21	2	5		1			
5 6 7 8	Chauffeurs and truck and tractor driversFiremen	69 21 60 26 1,159	68 21 60 22 550	1 4 600	62 18 48 17 474	1 3 574	12 5 54	28	2 	<u>1</u>		1
9 10 11	Operatives	18, 465 43	4, 955 38	13, 510 5	3,571 22	11,738 5	1, 365 7	1, 515	16 9	232	3	25
12	Hat factories (felt)		24, 248	10, 522	18,755	7,985	9,768	2,281	654 2	188	73	68
13 14 15	Owners, operators, and proprletors	l l	1,009 507 540	15 27 204	401 375 384 10	21 154	132 155	6 47	1	1		2
16 17 18 19	Ohemists Designers Mechanical engineers Other professional pursuits	251 17 10	43 17 6	208	27 15 4	157	16 2 2					
20 21 22 23	Accountants and auditors. Agents (not elsewhere classified). Bookkeepers and cashiers. Clerks. Commercial travelers.	58 25 591 1,023	53 24 122 601	5 1 469 422	49 19 108 520 188	386 382	4 5 13 69 29	82 36	1 9 1	1 3	3	<u>-</u>
24 25 26	Commercial travelers	220 25 183 14	219 23 170 1	1 2 13 13	23 132 1	1 2 11 11	12	<u>ī</u>	26	2 1 2		
27 28 29 30 31 32	Messenger, errand, and office boys and girls	27 189 505 444 24	19 174 496 24 21	8 15 9 420 3	16 138 349 21 17	10 7 385 3	3 33 90 2 4	2 3 1 34	3 54	1	3 1	2
33 34 35 36	Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary). Machinists.	31 82 29	31 75 29 100	7	16 67 24 73 141	6	15 8 5 24 52	1	3			
37 38 39 40 41 42	Mechanics (not otherwise specified) Millwrights. Painters, glaziers, and varnishers (building) Pattern and model makers. Plumbers and cus and steam fitters.	42 13 11 17 23	196 42 13 11 16 23	1	28 8 7 10 20	1	13 5 3 6 3		1			
43 44 45 46	Other skilled trades	. 10	16 66 72 115	7	60 59 65	5	8 6 5 44	1	8 5		1	1
47 48 49 50	Elevator tendersFiromenGuards, watchmen, and doorkeepersJanitorsLaborers	L ∆9∔ I	32 84 115 34	5	19 40 71 14	1 121	5 31 42 5 333	2 40	8 13 2 15 81			2
51 52 53 54	Laborers Operatives. Porters All other occupations.	1, 142 26, 454 138 21	17, 981 138 12	8,473 9	540 9, 674 8 6	6, 290	7,962 10 3			165	51	50
55	Shirt, collar, and cuff factories	=	17, 844	50, 932	12,679	44, 620	3,791	5, 138	1, 253	1,074	121	100
56 57 58	Owners, operators, and proprietors	1,658	828 769 661	997 997	611 516	908 908	156 137	79 1	8	10	2	
59 60 61	Designers	13	35 23 8	8 1 5	22 21 8	7 1 5	13 2	1				
62 63 64 65 66 67	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and eashiers. Clerks. Commercial travelers. Credit men.	773 1,473 278 32	51 25 143 706 278 31	14 2 630 767	45 23 124 621 235 26	12 2 564 718	6 2 19 71 43 5	65 45	14			
68 69 70 71 72 73	Messenger, errand, and office boys and girls	81 22 389 613 656	20 356 569 15	38 31 2 33 44 641	73 18 291 474 14	37 30 2 27 41 591	2 61 81 1	3 2 48 1	10	3 1 2	4 2	
74 75 76 77	Other clerical pursuits.  Carpenters. Compositors, linotypers, and typesetters. Electricians.	30 30 26	17 30 26 26	12	15 28 23 23 24	4	5 3 2 14		1		1	
78 79 80 81	Engineers (stationary) Machinists Mechanics (not otherwise specified) Other skilled trades	386 86	49 386 86 34		34 323 79 27		60 5 7		3 2			

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

10 TO 17 OJ	7 YEARS LD	18 AN YEAR	ID 19 S OLD	20 TO 24 OI	YEARS	25 TO 34 OL	YEARS D	35 TO 44	YEARS LD	45 TO 5	4 YEARS LD	55 TO 64 OL		65 TO 74	YEARS D	75 YI AND C	EARS OVER	UNKN	GE IOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male
8		3 2 3 7 1	1	13 5 4 21 2	1	1 21 6 1	1	5 23 8 8 17 2 4		5 21 2 2 2 7 8 18		3 11 1 3 18		5 1 2 4 18		1 1 2			
91 383 9	95 1, 116	82 372 4	107 1, 385	$\begin{array}{c} 1 \\ 130 \\ 642 \\ 4 \end{array}$	134 2, 480 2	2 101 831 6	156 2, 865	2 51 945 7	1 72 2,487 1	3 50 912 4	29 1,770	18 8 30 554 3	1 12 963 2	18 6 15 276 1	367	37	69	3	1 8
1, 180	1, 075	1, 570	1, 229	3, 238	2, 489	4, 931	2, 310	5, 793	1, 635	4, 002	1,002	2, 466	562	947	200	110	13	11	7
	1	3 1 5	1 15	12 23 34	6 50	202 142 119	2 7 46	368 157 172	7 7 45	252 102 108	4 4 26	124 65 80	1 1 16	40 16 20	1 5	$\begin{array}{c} 7 \\ 1 \\ 2 \end{array}$	1	1	
		1	6	6	44	$^{4}_{12}$	77	$\begin{smallmatrix} 3\\11\\3\end{smallmatrix}$	45	11 8	29	2 2	6	1					i
· · · · · · · ·		1		4		6 4 11	3 3 1	1 19 6	2	8 1 13	1	5							
1 88	35 53	13 86	87 70	4 55 156	190 115	11 5 28 113	101 114	6 19 73 74	38 43	6 14 52 55	10 18	1 9 21 30	8 8	2 3 8	i	4			
104	8	50	3 3	16 15	1 1 5	35 10	1	74 5	1 i	55 4 1		30 3		8 1					
4 58		1 106	3	1 4 25 136	2 5	7 50 88	1 4 3 2 4	2 41 41	1 2 1 24	3 29 34		3 18 22	$\frac{1}{2}$	6 9	1				
5 3	40 1	5	84	8 4	173 1	3	95	3	24	1 3	3	1 5			1				
3		13 1	2	$\begin{bmatrix} 1 \\ 13 \\ 7 \end{bmatrix}$	1	2 15 7		6 14 10	2	3 11 3	1	11 6 1	1	7 		1			
		1 7		1 18 8		14 41 10		18 58 7		24 36 8		30 25 6		11 10 2		1 1 1			
i		1 1		3	1	2 1 3		3		3 4		3 2 2		2					
29	4	1		$\begin{bmatrix} 2\\1\\10 \end{bmatrix}$	2	9 4	2	8		3		3				1			
2 4 3		25 11 8 1		14 14 14	1	$\begin{bmatrix} 2 \\ 21 \\ 22 \\ 8 \end{bmatrix}$		16 25 6		4 18 3	i	2 18 6	1	2 5 2		1			
			<u>-</u>	1 1 3		8 2 4	1	30 8 4	1	26 26 3		15 32 0	1	37 8		2 8 1		1	
1 121 744 9	37 895	1 116 1,095 14	928	176 2, 443 30 3	49 1,840	136 3,741 36	1, 805	4, 367 30 7	1, 396	124 2, 986 11 1	892	1, 813 6	508 508	30 713 2	191	7 71	12	8	6
1, 455	8, 779	1, 587	6, 968	3, 236	10, 773	4, 155	9, 329	3, 304	7, 138	2, 308	4, 821	1, 279	2, 297	474	725	62	68	4	34
6	14	2 1 12	1 48	12 31 57	5 133	142 221 166	3 14 234	260 222 192	7 18 284	231 181 145	7 8 191	129 95 60	2 77	45 15 21	3 1 15	5 2 2		2	
		1	1	5 1	1	11 6	1 1	10 5	3	6 7		3 2	1	i	1				
				2 7	4	3 20	7	15	2 2	1 6 7	1	1	;"	2 1					
$\begin{bmatrix} 1\\3\\73 \end{bmatrix}$	26 100	14 93	117 141	3   36 194 20	241 260	3 47 155 70	1 155 173	6 19 95 68	53 70	10 54 70	31 22	3 8 24 35	1 7 1	4 15 10		2 3 2			
56	24 2	12	1 7 7	20 2 6	2 12	17 5	1 9	6 5	1 1	4 2		2	2		1				 
3 51	2 4	4 93	3 8	49 147	6 15	8 112 121	2 7 10	10 69 56	7	1 54 48	6 2	1 44 41	1 1	20 10	i	1 2			
1	43	2 3	117	8	278 5	121 3 3	145 5	3	38 1	1	13	2	6						1
1		4 1	1	2 6 4	i	3 4 11	1	4 4	1	7 2 5		9		2 2 1		2			
		15 4 2		1 49 24 2		109 30 7		109 12 7		14 56 10		14 29 3 5		18		i			

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

					NATIVE		FOREIGI WH	-BORN	NEG	1	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7	CLOTHING INDUSTRIES—Continued  Shirt, collar, and cuff factories—Continued.  Apprentices. Chauffeurs and truck and tractor drivers. Elevator tenders. Firemen. Guards, watchmen, and doorkcopers.	41 116 28 50 131 108	32 116 27 50 130 95	. 9 1 1 1 13	31 105 22 31 90 54	9	1 4 2 18 36	1 2	5 3 1 4 15	1	2	
7 8 9 10	Laborers. Operatives. Porters. All other occupations.	4, 136 55, 471 85 58	2, 314 9, 708 85 29	1,822 45,763	1, 617 6, 589 10 23	1, 646 39, 924	135 2,474 4 4	108 4, 761	539 560 71 2	67 979 2	23 85	1 90
11 12	Suit, coat, and overall factories	813, 138	226, 486	86, 652	52, 321	61, 148	158,979	22, 336	12, 552	2, 523	2, 684	645
13 14	Owners, operators, and proprietors. Managers and officials. Foremen and overseers.	13, 171 1, 935 1, 941	12, 930 1, 813 1, 255	241 122 686	3,206 1,171 446	128 04 572	9, 301 618 803	99 26 108	330 18 5	11 2 4	93 6 1	3
15 16 17 18	Designers Draftsmen Photographers Other professional pursuits	1, 410 18 13 25	1,327 18 10 21	83 3 4	319 15 2 18	3 3	1,008 3 7 3	28 1	1			
19 20 21 22 23 24 25 26 27 28 29	Accountants and auditors. Advortising agents. Agents (not elsewhere classified). Bookkeepers and cashiers. Canvassers. Clerks.	128 36 87 2,349	112 32 80 452	16 4 7 1,897	88 29 43 383	16 4 1 1,615	21 1 29 61	4 263	5 3	1 13	3 2 3 5	1 6
23 24 25 26	Commercial travelers	95 2,994 48 615	88 1, 332 36 607	7 1,662 12 8	70 1,042 26 515	7 1,454 10 7	9 244 8 83	186 1 1	5 41 1 9	16	5 1	6
27 28 29 30	Conditional travelets Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents Sales agents. Sales agents. Salesmen and saleswomen.	50 911 48	46 841 4 48	4 70 44	41 623 3	55 41	63 1	5 3	150	10	5	
31 82 33 34	Stenographers and typists	68 7 997 1, 292 1, 385	5 912 1, 254 33	20 2 85 38 1,352	43 2 675 910 30	16 2 58 29 1, 229	5 3 205 242 3	23 9 117	22 100	2	10 2	2
35 36 37 38 39 40 41 42 43	Carpenters Compositors, linotypers, and typesetters Electricians. Engineers (stationary) Machinists Mechanics (not otherwise specified) Pattern and model makers. Plumbers and gas and steam fitters Tailors and tailoresses Other skilled trades.	15 21 22 68 304 89 23 13 169, 283	15 10 22 68 304 89 23 13 147, 476	21, 807	6 10 17 50 209 67 6 10 25,160	13, 454	4 16 87 19 16 3 113,348	7,666	1 1 1 5 2 1	552		135
45 46 47 48 49 50 51 52 53 54	Apprentices. Charwomen and cleaners Chauffeurs and track and tractor drivers. Draymen and teamsters Dyers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers.	1, 364 44 708 36 35 39 58 176 150 3, 794	874 15 708 36 35 34 58 175 1140 2,456 50,190	490 29 5 1 16 1, 338 56, 583	692 5 497 29 17 15 33 92 51 1,540	445 13 3 3 1 10 1, 186	115 7 75 3 15 10 18 72 41 398	41 11 	33 3 124 3 2 9 7 10 45 446	3 5 2 2 3 3 34	34 12 1 1 1 3 72	1
56 57	Operatives. Porters. All other occupations.	106, 773 458 13	50, 190 457 9	56, 583 1 4	14,084 19 1	40, 618	31,944 34 8	13, 628 3	3, 812 404	1,860 1	350 	482
58 59 60	Other clothing factories.  Owners, operators, and proprietors.  Managers and officials.	334, 958 11, 885	96, 719	238, 239 891	39, 518	159, 618 550	53,038 7,702	62, 588 835	3,864 2 5	12,905	299	3, 128 3 3
61 62	Chamists	4, 405 5, 449 16	10, 994 3, 744 2, 120	3, 329 6	2, 329 999 9	2, 498 6	7,702 1,395 1,114	154 768	5 6	50	15 1	13
63 64 65 66	Designers Draftsmen Mechanical engineers. Other professional pursuits	6, 448 32 15 17	2, 576 29 15 10	3, 872 3 7	826 20 14 9	2, 699 3	1,742 $7$ $1$ $1$	1,116	7 2	42	1	15
67 68 69 70 71 72 78	Accountants and auditors Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Canvassers Clerks Collectors Commercial travelers	323 56 360 5, 700 124 7, 348 65 1, 663	266 45 210 702 30 3, 059 62 1, 568	57 11 150 4, 998 94 4, 289 3 95	211 42 146 552 19 2,451 54	50 10 127 4, 012 75 3, 665	54 3 56 142 8 544 8 287	7 13 972 16 518 1	1 4 4 3 59	10 6 3 87 1	4 4 5	8
75 76 77 78 79 80 81 82	Credit men.  Messenger, errand, and office boys and girls.  Office appliance operators.  Purchasing agents.  Sales agents.  Salesmen and saleswomen  Shipping clerks.  Stenographers and typists.  Other clerical pursuits.	1, 663 212 1, 196 134 298 35 1, 706 4, 165 3, 585	1, 568 179 995 16 180 16 1, 370 3, 953 74	95 83 201 118 118 19 336 212 3,511	1, 267 147 726 12 133 13 980 2, 702 64	88 30 158 110 97 18 284 155 8, 132	287 32 101 4 46 2 367 848 10	7 3 17 8 20 40 40 365	165 20 395	26 1 9 14 6	3 1 1 3 8	1 3 3 8

#### OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1980—Continued

MECHANICAL INDUSTRIES—Continued

	7 YEARS LD		ND 19 IS OLD		YEARS	25 TO 34			4 YEARS LD		4 YEARS LD	55 TO 64	YEARS D	65 TO 76	4 YEARS LD	76 YI AND	EARS OVER	UNEN	
Male	Fe- male	Male	Fe- male	Male	Fe- nale	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
17 10 1 1 234 989 4 3	6 1 484 8, 073	8 18 1 1 3 312 951 6 2	337 6, 177	7 29 4 2 5 032 1,866 15 4	390 9, 419	33 6 10 5 8 600 2, 109 27 6	1 2 259 8, 296	16 3 8 11 11 245 1,797 16 5	3 170 6, 467	7 3 11 21 17 129 1,181 5	4 117 4,409	2 6 14 37 31 100 563 8	2 48 2,139	3 4 49 16 47 170 4 3	1 17 683	1 6 4 6 22	68		32
4, 027	7, 534	5, 115	8, 248	14, 588	16, 112	39, 022	19, 571	67, 493	17, 948	55,072	10, 761	29, 872	4, 872	9, 973	1,373	1, 166	142	163	91
4	14	8 15 16 9	36 36	139 113 67 43 5	7 12 106 22	1, 724 454 245 155 1 4	46 37 148 31	4, 454 564 434 460 3 1 7	78 35 202 19	3,855 426 320 470 4 1 7	69 20 128 7	2, 038 194 146 168 2 2	35 15 43	638 45 20 19 3 1	5 1 7	70 2 3 5		6	2 
6 6 141 1 575	104 1 206 36 4	1 30 12 106 5 9 150 1	338 281 1 1 	14 4 5 130 14 362 6 42 77 1 6	2 1 719 2 508 2 1 13 15 4	30 16 10 136 20 208 11 125 18 13 2 14 2 251 262 251	4 2 1 475 3 423 6 4 4 4 11 20 7 292	31 7 14 65 10 145 6 153 15 9	5 1 3 178 1 169 3 2 2 1 5 7	18 4 24 41 114 112 4 146 6 8 7	3 	8 26 6 57 2 98 3 7 3 92 49	17 16 1 1	4 7 12 4 17 1 30 1 2	2	2 3 3		1 1 2	
509	498	12 2 1 1,650	1, 227	50 15 50 15 4 6,453	2,829	1 2 5 6 92 27 4 3 23, 475	4,771	3 2 9 21 76 21 6 3 45, 721	5, 615	5 12 19 50 14 5 2 38, 899 7	3,010	3 1 15 18 8 2 1 21,937 2	2, 135	1 4 4 2 2 7,750 2	715	3 2 954	81	119	28
611 61 1 1 1 1 7 225 1,731 30	2 1 177 5, 898	1	12 4	93 1 238 13 4 2 1 2 7 547 5,487 98	9 4 2 2 313 10, 956	22 5 190 8 10 6 9 12 14 737 10,432	1 4  1 3 272 12,991	5 6 60 1 10 6 9 10 24 383 14, 257 78 6	2 7 	2 1 25 2 4 4 17 41 28 176 10,022 44	9 4 115 6,331	2 1 5 4 10 17 46 34 100 4,733 25	1 2 33 2, 560	2 2 4 4 58 21 50 1,205	1  1 6 682	1 6 2 9 91 8	4 57	1 32 1	2 61
3, 960	22, 279	5, 496	24, 874	11,750	48, 537	22, 316	55, 340	26, 222	43, 861	17,094	27, 128	7, 571	12, 367	2,080	3, 353	180	289	50	211
6	81	12 19 30	1 13 182	153 235 155	18 73 566	2, 148 1, 045 480	159 164 903	4, 465 1, 246 742	305 220 827	2,902 808 470	248 143 472	1, 038 297 195	128 41 150	228 79 39	27 5 38	36 14 3	1 1 4	14 1	4 1 10
		39 1	138	1 137 5	709 709	3 524 7 5 2	1, 314 3	3 857 8 6 4	1, 053	716 4 3 2	486	234 3 1	141	65 1 2	24	4	1		6
1 26 1 343 597 4	311 1 572 124 8	574 27 2067 2067	881 786 2 40 20 6	27 8 7 201 2 901 7 109 20 81 4	16 4 8 2,091 6 1,421 5 6 27 58 27 2 2 56 59 1,500	97 10 37 208 7 594 26 399 75 31 2	20 3 22 1, 254 10 978 2 18 12 10 30 45	80 14 63 95 6 303 10 429 40 10	13 4 40 308 25 342 1 24 10	39 5 44 50 8 169 11 351 23 4 1 28 2	5 46 115 28 141 31 2	15 2 32 23 4 115 4 192 12 3	1 27 32 17 39 12 1	19 15 54 2 70 1 1 1 3	7 4 7 7	1 2 2 2 5	1	1 2	2 2
12 450 3	11 23 308	47 897 19	25 44 841	227 1, 186 28	56 59 1,500	3 448 756 14	73 51 673	332 306 6	2 26 2 86 18 138	202 202 220 4	12 5 60 9 86	4 5 72 109	2 4 14 6 8	25 25	6 1	5 4	3		2 1 5

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

==					NATIVE	WHITE	FOREIGN WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	CLOTHING INDUSTRIES—Continued Other clothing factories—Continued. Carpenters	35	35		22		13					
2 3 4 5 6 7 8 9 10 11 12	Carpenters. Compositors, linotypers, and typesetters. Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Pattern and model makers. Plumbers and gas and steam fitters. Toolmakers and die setters and sinkers Other skilled trades.  Apprentices:	30 56 171 786 141 27 14 270 16 10	28 55 171 786 141 27 14 276 16 10	3	19 41 121 579 108 18 7 108 13 6 3	3	3 13 46 191 28 9 6 108 3 4		1 1 4 12 3 1		4 2	
13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	Designers' and draftsmen's apprentices.  Machinists' apprentices. Other apprentices. Charwomen Chauffeurs and truck and tractor drivers. Draymen and teamsters. Dyers. Elevator tenders. Firemen Guards, watchmen, and doorkeepers. Janitors Laborers. Operatives. Porters All other occupations.	74 21 217 500 383 42 101 128 114 387 259 4,712 270, 825 815 43	17 21 114 5 383 42 95 109 114 354 228 2, 139 58, 472 19	57 103 45 6 19 3 31 2,573 212,353	13 19 94 1 270 28 43 42 70 216 95 5 1, 298 10, 217 49	83 14 	4 	19 8 3 3 7 273 57, 865	1 1 1 46 1 9 51 14 24 76 348 1,896 600	1 22 	1 1 1 4 2 23 188	17
28	FOOD AND ALLIED INDUSTRIES  Bakeries	281,885	241, 645	40, 240	147, 768	32, 823	82,714	5, 958	8, 259	983	2, 904	470
29 30 31	Owners, operators, and proprietors Managers and officials Foremen and overseers	14, 852 6, 231 4, 206	13, 874 5, 502 3, 405	978 729 801	6, 611 4, 625 2, 694	668 561 696	7, 146 864 679	300 166 94	24 5 28	9	93 8 4	6 2 2
32 33 34 35 36 37 38	Chemical engineers ¹. Chemists. Draftsmen. Electrical engineers. Mechanical engineers. Trained nurses. Other professional pursuits.	13 86 13 30 54 13 25	13 78 12 30 54	8 1	11 67 8 27 40	8 2	2 10 4 2 14	1 5 1	1		l	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Accountants and auditors Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Canvassers Clerks Collectors Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Sales agents Sales agents Sales agents Salesmen and saleswomen Shipping clerks Stenographers and typists Weighers	590 54 200 4, 439 151 9, 357 36 16, 168 77 220 272 105 77 4, 435 3, 597 1, 719 282	546 47 104 1, 912 119 3, 904 34 16, 003 76 176 14 97 77 3, 224 3, 520 161	44 76 2,527 32 5,453 2 165 1 44 258 8 1,211 77 1,647 121	492 41 168 1, 721 90 3, 292 18 14, 147 63 151 13 88 72 2, 888 2, 979 117	44 7 2, 327 32 4, 709 2 147 1, 37 245 8 1, 052 67 1, 560 108	54 66 26 186 29 560 15 1,818 11 12 12 15 321 507 321	1 195 709 16 7 13 147 9 82 11	1 9	18 		7
56 57 58 59 60 61 62 63 64 65 66 67 68	Blacksmiths. Brick and stone masons and tile layers Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Tinsmiths and sheet metal workers. Other skilled trades.	62 21 255 10 212 779 858 1, 122 85 42 42 42 33 26	62 21 255 13 212 779 858 1, 122 42 42 42 33 26	6	30 13 145 12 164 596 607 839 61 30 34 26	6	32 8 103 1 45 166 240 240 24 12 8 7		6 2 17 8		3	
69 70 71 72 73 74 76 76 77 78	Apprentices Bakers Charwomen and cleaners Chauffeurs and truck and tractor drivers? Deliverymen? Draymen and teamsters? Elevator tenders Firemen Guards, watchmen, and doorkeepers Housekeepers and stewards? Janitors	1, 821 140, 800 11, 245 12, 835 216 143 676 435 44 1, 027	1, 783 131, 884 26 11, 240 12, 821 216 142 676 432 1 969	38 8,916 144 5 14 1 1 3 43 58	1, 586 66, 107 10 9, 482 9, 735 151 72 320 274 1	6, 241 44 5 11 	137 59, 654 8 1, 521 2, 769 53 44 218 146	1,813 62 3 	3, 919 7 186 230 11 25 135 10	608 38 	20 2, 204 1 51 87 1 1 3 2	254

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers."
<sup>2</sup> Some deliverymen probably were returned and classified as chauffeurs, and others as teamsters or truck drivers.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

	7 YEARS LD	18 AN YEAR	ID 19 S OLD	20 TO 24 OL	YEARS D	25 TO 34 OLI		85 TO 44 OI	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OL	YEARS D	65 TO 74 OL		75 YE AND (	ARS OVER	UNKN	OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1	1	1 2 29 6 2 2 2 4 1	1	1 7 7 8 90 19 1 19 3 1 2	1	8 10 18 24 245 48 1 1 84 2 2 3 4		5 1 16 37 200 38 8 8 5 97 3 3 5	1	13 45 152 17 8 4 54 1	1	6 2 3 41 46 11 45 3 3 3	1	2 1 1 14 20 0 1 3		1 4 1			
17 20 51 17 1 4 7 1 8 295 2, 066 25 1	72 4 	23 4 5 9 5 7 33 2,940 65 1	10 5 	17 113 12 8 16 5 3 17 424 7, 272 165	12 9 2 8 1 5 5 599 41, 240	6 1 154 14 26 24 18 22 28 306 13,948 246 3	1 6 12 2 4 4 402 49,004	51 7 22 11 23 35 41 276 16, 100	2 4 1 1 6 343 40,048	3 19 1 18 14 29 69 43 223 10, 205 92 6	9 2 8 153 25, 108 7	1 4 2 7 16 24 117 56 126 4, 673 46 1	1 1 4 64 11, 066	2 1 5 10 9 99 25 61 1,174 13	2 16 3, 202	2 8 3 05 2 1	277	1 2 29	1 170
0, 286	3, 750	14, 561 19 21 33	5, 429 1 15 38	40, 155 335 249 279	9,448 17 70	2, 613 1, 671 1, 241	8, 718 133 196 268	54, 423 5, 038 2, 038 1, 041	6, 359 261 234 202	34, 331 3, 744 1, 030 537	336 147 106	16, 195 1, 652 384 210	1,777 165 52 25	4, 694 417 100 51	495 56 6 4	456 47 7 7	5 <b>6</b>	=[===	18 2 1
1 28 2 190 122 2 102 7 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 	33 	1 270 2733 	279 2 15 6 4 1 1 2 2 1 5 6 1 9 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9	147 1 1 1 1 1 1 1 1 2 2 804 4 1,455 1 45 1 278 23 717 43	1, 241 5 30 5 8 8 12 15 67 635 60 1, 076 12 6, 678 3 1 1 3 45 21 1, 332 972 11 140 6 8 8 8 5 7 7 7 8 8 8 8 8 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1	208  3  7 1  24 4 1 709 6 1,400  50 1 7 93 3 3  312 12 424 27	5 199 3 3 111 20 5 5 199 9 10 10 10 10 10 10 10 10 10 10 10 10 10	3 6 1 391 12 841 47 48 3	8 15 4 56 12 27 123 13 375 5 1,920 14	1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	38 1 152 8 33 2 4 3 3	77 1 1 6 28 2 2 90 1 1 110 2 2 1 1 3 3 3 50 2 6 2 4 2 4 1 1 1 1 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1	1 21 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 7 7 133 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3 3 12 2 1	1 1
948 2, 316 5 244 643 8 5 1	27 5 3	505 7, 509 2 735 851 9 7 5	1	284 22, 306 5 2, 986 2, 971 53 24 27 7	1,046 9 4 2	41 34, 765 3 4, 533 4, 551 65 33 132 19	1,712 27 6	30, 885 5 1, 912 2, 423 44 27	1 11	20,658 2 637 1,017 27 22	1, 943 26	160 302 6 20 105 149	974 14 	2, 840 1 24 53 4 3 34 97	321 5	256 1 8 1 2 14	40	111 8 7	7

Includes hostesses and matrons.

## Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		[In this tabl			NATIVE		FOREIGN WHI	-BORN	NEG		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Malo	Female	Male	Fe- male
1	FOOD AND ALLIED INDUSTRIES—Contd.  Bakeries—Continued.  Laborers.  Oilers of machinery.	12, 362 49	10, 786 49	1,576	6, 933 32	1, 225	2, 218 17	235	1, 445	88	190	28
1 2 3 4 5	Oilers of machinery Operatives Painters, glaziers, and varnishers (factory) Policemen Porters	27, 901 73 8 1, 222	12, 602 73 8 1, 221	15, 299	9, 526 50 5 89	12, 904	2, 243 20 3 174	2,055	670 3 953	186	163  5	154
7	Butter, cheese, and condensed milk factories 1.	88,900	76, 429	12,471	64, 507	11,800	10, 640	590	940	43	342	38
8 9 10	Owners, operators, and proprietors Managers and officials Foremen and overseers	2,821 8,104 2,316	2, 680 7, 658 2, 255	141 446 61	2, 113 6, 826 1, 922	123 439 57	562 829 318	16 7 3	1 9	1	4 3 6	2
11 12 13 14 15 16	Chemical engineers 2	10 484 20 49 121 24	10 412 20 49 121 22	72	8 366 17 44 102 18	71	2 45 3 4 19 4	1	i			
17 18 19 20 21 22 23 24 25	Accountants and auditors	480 44 660 4, 362 98 3, 430	428 37 597 1, 403 89 2, 223	52 7 63 2,959 9 1,207	381 34 528 1,307 74 1,850	48 6 58 2,873 8 1,145 11	47 3 68 92 14 354 14 76	5	1 10	1	1 4 9	
24 25 26 27 23 29 30 31 32	Commercial travelers.  Credit men.  Messenger, errand, and office boys and girls.  Office appliance operators.  Purchasing agents.  Sales agents  Salessen and saleswomen.  Shipping clerks.  Stenographers and typists.	56 165 1, 258 5 3, 084	746 90 43 6 1, 078 5 5 2, 880 648 45	4 6 13 159 180 204 9 1,508	669 85 39 6 884 5 2, 504 554	5 12 149 165 	193 368 85 3	1 1 10 14 27	1 	1	1 1 6 5	2
33 34 35 36 37 38 39 40 41 42 43 44 45	Weighers Blocksmiths. Carpenters. Compositors, linotypers, and typesetters. Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters Tinsmiths and sheet-metal workers. Other skilled trades.	144 175 22 153	320 144 175 153 1, 223 698 612 47 30 99 71	7	293 83 135 135 135 1,045 537 514 83 24 83 48 48	7	152 88 14		6 4 5		1 1 2 3 5	
46 47 48 49 50 51 52 53 54 55 56 57	Apprentices. Chauffeurs and truck and tractor drivers. Draymen and teamsters Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors Laborers. Oilors of machinery. Operatives Painters, glaziers, and varnishers (factory). Porters. All other occupations.	977	56 8, 345 1, 198 977 321 193 16, 518 30 21, 331 67 83 6	3 1 7 915 4,376 1	54 7, 490 1, 039 1, 039 11 817 240 91 13, 828 19 17, 427 40 12 5	1 5 855 4,079	1 713 150 5 131 76 63 2,031 10 3,071 23 18 1	2 38 245 1	8 2 28 5 88	18	1 1 1	30
59	Candy factories		36,776		24, 682	29, 588	10,061	3, 908	1, 568	633	467	389
$\frac{60}{61}$	Owners, operators, and proprietors	2, 380 1, 692 1, 979	2, 170 1, 501 881	210 191 1, 098	1, 401 1, 245 621	189 173 998	742 255 255	19 17 93	6 1 3	1 1	21	1
63 64 65 66	Chemists	57 23 38 18 20	47 10 38 2 20	18	38 30 1 17	9 11 16	9 6 7 1 3	1 2	1		î	
68 69 70 71 72 73 74 75 76 77	Accountants and auditors Advertisting agents Agents (not elsewhere classified) Bookkeepers and cashiers Convassers Colerks Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasing agents	219 32 131 1, 324 2, 895 1, 759 95	193 26 122 378 16 1,381 1,738 83 96 5	6 946 7 1, 514 21 12 21 74	167 24 106 355 10 1, 124 1, 623 79 82 5	8 867 5 1,372 21	6	1 1 3	1 1 26 5	3		10

<sup>&</sup>lt;sup>1</sup> In some cases it was difficult to distinguish, from the enumerators' returns, persons working in butter, cheese, and condensed milk factories from persons working for milk distributing companies and persons working on dairy farms.

<sup>2</sup> Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

	7 YEARS LD	18 Al YEAR	ND 19 S OLD		YEARS	25 TO 34 OL			4 YEARS LD	45 TO 5	1 YEARS LD	55 TO 64 OL	YEARS D	85 TO 74 OI		75 YI AND C	EARS OVER	UNEN	E IOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- mal
1, 491 4, 026	226 2, 737	1, 380 3 2, 049	276 2, 898	2, 102 10 2, 442 10	392 4, 244	2,081 8 1,759 18	302 2,874	1, 494 5 988 21 1	212 1,476	1, 166 16 719 12	106 775	731 4 406 8 4	47 ' 237	304 3 182 3 2	15	31 29 1	6	6 2	3
39		66		214		373		251	<b>-</b>	171	i	74		32		. 1			
1,509	666	3, 153	1,502	12, 134 63 348	3, 745	24, 219 555	3,377 24 116	931	1, 955 58	10, 469	898 27 86	5,072	274	1, 761 135 255	39 7 3	182	7	37	8
2		35 8	5 4	348 173	40 16	2, 081 821	116 14	931 2,518 721	58 163 18	1,606 363	86	782 129	32	255 34	3	32 4	1	1	
		10		74 1 4 3 2	25	200 4 23 26 6	30	77 9 11 54	12	4 39 5 9 21 2	4	1 10 1 2 12 3	1	2		1			
2 8 1 84	49	7 2 2 64 	2 262 174 1	56 2 35 388 9 467 10 68 7	13 1 7 962 1 395 2 2	170 17 144 490 33 683 22 267	11 989 1 354 1	117 9 162 239 23 414 23 235 30	25 464 25 459 4 1	49 4 146 126 17 259 23 112	10 3 13 183 4 61 3 1	27 2 72 70 3 121 8 48 6	1 39 1 12	31 17 3 37 4 8 1	1 7	3 1 2	2	1	2
32 20 4	16	9 1 15 56 28 11 11	4 20 5 34 1 240 7	388 117 16 67	5 69 17 36 2 686 9	227 1 1, 238 202 15 117	48 48 3 419	1 244 1 775 151 3 66	30 2 94 8	204 2 264 94 37	22 1 15	177 1 106 47	2 13 9 4 1	117 27 5	2	17		3	
1		1 1 10 12 2		3 12 27 37 60 59 1 5 6 5 5 2	2	15 19 6 56 253 195 289 9 8 23 21	1	42 43 49 360 202 183 11 6 29 19	4	36 41 2 12 341 153 79 12 3 30 10		38 35 182 59 36 12 5 8 10		8 22 49 16 4 1 1 3 3 3		1 1 1			
15 183 11 1 2 2 686 452	101	18 420 31 2 9 1,340 2 862 1 6	141	18 1,868 186 3 58 7 12 3,716 3,649 4 9	1 238 1, 211	3, 339 462 3 241 25 13 4, 505 9 7, 336 20 26 2	1 199 1,031	1, 661 293 8 259 61 30 2, 937 8 4, 810 20 15	1 148 681	632 133 5 246 77 37 1,888 4 2,638 10 10	3 68 381	198 65 1 120 85 58 1,014 1,150 7	2 20 109 1	38 17 1 42 55 35 382 1 887 2 4	2	1 8 4 40 34 3 1	2	1 1 10 13	1
1, 532	4, 982	2, 348	5, 576	5, 495	8, 843	8, 906	7, 785	8, 265	4, 319	5, 782	2, 165	3, 159	722	1, 115	139	145	19	29	18
2	8	6 6	1 45	29 47 59	5 25 191	341 340 225	32 59 343	676 491 274	61 57 302	618 390 191	71 37 153	348 167 101	32 9 49	127 53 21	7 3 7	20 7 2		5	
		1	2	8 1 1 1 4	3 4	21 4 8	2 6 3	10 2 13 1 3	4 1 7	5 2 8	6	2 4		<u>4</u>					
1 4 1 83	1 25 141	1 1 4 19 1 142 15	90 248 4 9	16 8 7 112 1 320 143 11 4 1	330 482 4 5 3 34	84 7 34 117 3 386 473 32 3 3	8 2 4 305 379 6 2 3 25 2	52 6 36 60 5 218 509 21	10 2 3 130 2 181 6 8 1	28 3 28 29 4 118 370 12 1	4 1 1 49 8 64 3 1	8 1 10 24 1 81 170 6 1 1	15 1 16 1 1	3 2 11 29 44	2 5 1	2 3 4 3 1	1	2	3

<sup>3</sup> Includes, also, all technical engineers not elsewhere classified.

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

_		ĮII dina an	710, 1110 0000	i pariona di	f each indus	u y aro pr		22.050 00	=	топры т		
		m . 1	35.1.	D	NATIVE	WHITE	FOREIGN WHI		NEG	RO .	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	FOOD AND ALLIED INDUSTRIES—Contd.  Candy factories—Continued.		1									
1 2 3 4 5	Salesmen and saleswomen	1,740 1,416 1,434 79 17	1, 550 1, 363 42 27 16	190 53 1,392 52 1	1, 364 1, 139 38 19 13	167 50 1, 318 47 1	168 193 4 8 3	18 3 72 5	2 25		16 6	1
6 7 8 9 10 11 12 13 14 15	Carpenters Compositors, linotypers, and typesotters Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Plumbers and gas and steam fitters Trinsmiths and sheet metal workers Other skilled trades	79 35 78 359 470 165 50 48 12 42	79 31 78 359 470 165 50 48 12 42	4	38 25 57 241 295 100 33 40 6 25	4	41 6 21 113 167 62 17 7 6 15		5 6 2		2 1	
16 17 18 19 20 21 22 23 24 25 26 27 28 29	Apprentices. Charwomen and cleaners. Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Housekeepers and stewards 1 Janitors. Laborers. Oilers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Portors. All other occupations.	47 34 1,065 58 91 190 236 42 156 5,552 21 44,470 35 309 10	43 3 1,064 58 86 190 235 3 133 4,080 21 17,404 322 300 10	4 31 1 5 1 39 23 1,472 27,066 3	40 1 847 40 50 86 144 1 54 2, 383 10 10, 556 17 22 5	3 	2 2 86 13 29 76 83 2 43 1, 215 11 5, 911 15 43 4	14 11 8 157 3, 271	1 116 5 6 28 8 8 32 375 655	3 1 	15 1 107 282	1 19 350
31	Fish curing and packing	16, 288	11, 259	5,029	5, 904	2, 324	1,766	341	2, 170	1,794	1, 419	570
32 33 34	Owners, operators, and proprietors	305 497 479	302 489 454	3 8 25	249 391 269	2 6 19	47 90 119	1 2 3	1 2 15		5 6 51	3
35	Professional pursuits	19	18	1	15		3	1				
30 37 38 30 40 41 42 43 44 45 46 47	Accountants and auditors. Agents (not elsewhere classified) Bookkeepers and cashiers. Clerks. Commercial travelers Credit men. Messenger, errand, and office boys and girls. Purchasing agents. Salesmen and saleswomen. Shipping elerks. Stenographers and typists. Weighers.	54 12 310 195 26 3 10 57 37 92 136 23	53 12 198 147 26 3 10 57 36 80 4 13	1 112 48 	41 11 158 112 23 3 6 40 26 68 4	1 105 43 	12 1 30 27 3 3 	7 5	2		10 8	1
48 49 50 51 52 53 54 55	Blacksmiths Carpenters Coopers Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Other skilled trades	12 50 23 13 151 263 72 27	12 50 23 13 151 203 72 27		7 24 10 9 105 187 58 20		4 25 12 3 39 65 8		1 1 1 5 2 1		1 2 9 5	
56 57 58 59 60 61	Chauffeurs and truck and tractor drivers Firemen. Guards, watchmen, and doorkeepers. Laborers. Operatives All other occupations.	150 99 149 6, 172 6, 796 56	149 99 149 4,596 3,699 48	1,576 3,097 8	118 62 93 1, 870 1, 885 29	628 1, 380 2	8 19 49 452 691 11	96 217 2	17 18 4 1, 227 868 5	784 1, 004 3	3 1, 047 255 3	68 496 1
62	Flour and grain mills	67, 233	62, 542	4, 691	52, 161	4, 400	6, 216	185	3, 728	49	487	57
63 64 65	Owners, operators, and proprietors Managers and officials Foremen and overseers	2, 405 3, 872 1, 439	2, 365 3, 810 1, 415	40 62 24	2, 183 3, 547 1, 189	28 62 24	165 251 206	2 	3 4 18		14 8 2	10
66 67 68 69 70	Chemists	397 28 22 45	371 28 22 45 13	26 4	347 24 18 42 12	22	23 4 3 2 1	4	1 1			
71 72 73 74 75 76 77 78	Accountants and auditors Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Canyassers Clerks Collectors Commercial travelers Includes hostesses and matrons.	472 62 365 2,465 20 2,281 8	442 55 356 1,374 15 1,620 7 1,693	30 7 9 1,091 5 661 1	398 52 342 1,313 13 1,509 7 1,629	30 6 8 1, 057 5 635 1 12	44 3 14 55 2 96	1 1 33 			5	1 5

<sup>1</sup> Includes hostesses and matrons.

### GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCC UPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

	7 YEARS	18 A YEAI	ND 19 RS OLD	20 TO 2	4 YEARS LD	25 TO 34 OL			4 YEARS LD	45 TO 5	4 YEARS LD	55 TO 64 OL		65 TO 74	YEARS	75 YI AND C	EARS OVER	UNKN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
20 43 4	12 5 83 9	31 127 5 4 2	23 2 250 11 1	173 320 14 4 2	43 11 570 14	491 349 10 9	58 21 363 6	416 221 5 4 8	30 7 94 6	273 178 1 5 1	22 5 17 4	92 98 2 1 1	1 1 6 2	47 24 1	1	5 3 1		2	1
1		2 3 1 14 0		3 3 10 7 54 13 3 1 6	1	17 12 32 46 121 49 8 15 4	1	20 7 22 100 145 48 20 17 2 8		8 96 85 31 13 9 3 5	1	15 3 5 88 38 14 8 3	1	11 1 19 13 4 1		1		1	
25 26 3 332 914	270	107 3 7 3 8 482 1,343 2	2 	13 820 13 820 2 2,859 4	3 2 378 6, 715 2	397 17 17 38 7 1 15 864 11 4,128 3	1 1 7 292 5,797	1 150 15 16 51 23 2 22 680 4 3, 776 14 68	10 10 8 145 3, 230	58 2 8 36 51 20 514 3 2, 512 4 36	8 5 73	1 16 5 20 43 80 33 304 1 1, 321 4 17	10 1 36 532	3 1 6 13 59 16 110 474 1	1 2 9	1 11 5 14 63	1 15	4 14	1
553	513	627	440	1, 485	814	2, 403 32 81 84	1, 179	2, 288 75 150 157	1, 051 1 2 12	2, 006 108 147 110	675	1, 225 	284 2 1 5	556 25 23 21	65	79 4 1 2	4	37	4
8	1 2	7 9	10 9	16 1 3 47 28 1 5 3 16 2 3	27 13 	5 18 6 58 36 9 2 1 7 8 20 2 2 2	1 34 13 	36 28 30 28 3 1 16 12 16	26 7	6 9 3 32 17 4 1 16 6 14	1 12 2 2 2 1 3	2 6 2 13 12 6 	2	1 1 4 9 3	2	2		1	
8 1 1		1 9 1		1 14 24 10 1 50 4	1	8 4 3 22 77 21 8 52 20 13		2 12 4 6 36 82 23 6 24	324	6 16 2 1 445 13 6 4 23 6 657		3 6 8 2 19 21 4 4		1 6 5 13 3 2		2 2 2			
271 254 2 851	178 329 2 141	352 217 2 1, 680	135 271 1 479	771 459 8 6, 761	285 432 	1, 084 711 10 14, 414	359 717 1 1,455	812 712 5 14, 793	324 056 1 699	678 657 9 12, 078	189 457 2 381	408 438 6 7,944	83 188 1	176 207 6 3, 623	19 48 27 6	800 44	3	23 10  48	5
2 1 32	8	6 9 10 12 2 	2 68 1 73	33 108 67 101 6 2 2 65 7 30 321 2 396 1	8 1 202	255 735 336 165 8 10 10 8 142 27 105 437 1 446	10 15 376	550 1, 136 441 77 7 4 12 1 125 14 128 272 6 341 3 519	22 7 1 1 2 5 3 2 13 2 103 4	960 314 20 2 8 13 2 76 3 62 168 3	13 3 6 	588 188 4 2 3 6 2 25 4 24 78 2 92	7 7 1 1	229 54 221 1 1 2 5 6 33	4	40 4	2	1	1

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

		[In this tab	le, the occu	pations of	each indus	try are pr	esented in	n most ca	ses in five	groups: Pi	oprietary	, official
		(D-4-1	Male	Female	NATIVE '	WHITE	FOREIGE WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Maie	remate	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	FOOD AND ALLIED INDUSTRIES—Contd.  Flour and grain mills—Continued.									,		
1 2 3 4	Credit men_ Messenger, errand, and office boys and girls Office appliance operators Purchasing agents	72 85 89 211	66 74 7 209	6 11 82 2	62 68 7 199	6 10 80 2	4 2 10	2	3	1	1	
5 6 7 8	Sales agents Salesmen and saleswomen Shipping clerks Stenographers and typists Weighers	2.019	11 1, 988 441 105 174	31 8 1, 800	11 1,874 383 100 141	29 8 1,743 4	107 51 2 17	56	1 4 1 16	1	6 3 2	1 1
9 10 11 12	Blacksmiths	25 165	25 165 25	5	18 132 23		7 32	1	1			
13 14 15 16	Compositors, linotypers, and typesatters Coopers Cranemen, derrickmen, hoistmen, etc. Electricians Engineers (stationary)	49 19 151 795	49 19 151 796		43 14 132 676		2 5 4 19 107		1 1 12			
17 18 19 20	Machinists  Mechanics (not otherwise specified)  Millers  Millers	487 247 15, 512	487 247 15, 473 1, 108	39	378 203 13, 892 904	28	77 32 1, 266 200	4	25 5 236 4	2	7 7 79	5
21 22 23 24	Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Tinsmiths and sheet metal workers Other skilled trades	11 38 93 26	11 38 93 26		9 27 80 20		1 10 13 6		1 1			
25 26 27 28 29 30	Chauffeurs and truck and tractor drivers Draymen and teamstersElevator tenders	116	2, 979 245 116	1	2, 507 169 94		160 25 14		285 51 7	1	27 1	
31	Firemen Guards, watchmen, and doorkeepers Janitors Laborers Oilers of machinery	492 122	336 492 111 15,839	11 158	235 383 60 11, 286	3 107	42 96 27 1,934	5 12	58 13 24 2, 417	3 25	202	14
32 33 34 35 36	Ollers of machinery Operatives Painters, glaziers, and varnishers (factory) Porters All other occupations	566 6, 872 26 63 37	565 6, 320 26 63 32	552  5	461 4,895 21 1 28	479	90 911 5 1	39	10 453 61	15	4 61	1 19
37	Fruit and vegetable canning, etc	56, 235	35, 133	21, 102	25, 866	14, 808	6,073	4,089	1, 558	1, 145	1, 636	1, 080
38 39 40	Owners, operators, and proprietors Managers and officials Foremen and overseers	990 2, 966 2, 333	951 2,896 1,726	39 70 608	758 2, 668 1, 446	34 62 513	185 213 222	5 8 86	4 10	5	8 11 47	4
41 42 43	Chemists	122 21 48	113 20 48	9 1	102 12 39	9 <u>2</u> 7	9 8 9	1	. 1			
44 45 46	Mechanical engineers Trained nurses Other professional pursuits Accountants and auditors	269	22 257	34 1 12	19 224	1 11	3 32	1				
47 48 49 50	Advertising agents. Agents (not elsewhere classified) Bookkeepers and cashiers Canyassers	16 338 1, 209 17	15 333 590 15	$\begin{array}{c} 1 \\ 5 \\ 619 \\ 2 \end{array}$	14 305 537 13	5 585 2	27 38 2	31	1		14	3
51 52 53 54	Commercial travelers Credit men Messenger, errand, and office boys and girls	1, 596 341 17 54	1, 073 337 16 42	523 4 1 12	948 311 15 38	492 4 1 11	98 26 1 3	27	6	2	21	2
55 56 57 58	Office-appliance operators	28 169 451 506	3 169 436 490	25 15 16	1 146 384 412	24 13 16	2 23 52 67	1 2	9			
59 60 61	Weighers Other clerical pursuits	929 81 4	27 51 4	902 30	25 47 4	874 28	3	28 1		1		
62 63 64 65	Blacksmiths Garpenters Compositors, linotypers, and typesetters Coopers	45 252 37 138	45 252 32 138		26 212 28 56	5	19 40 4 78				1	
66 67 68 69	Cranemen, derrickmen, hoistmen, etc	13 110 433 1, 145	13 110 483 1,145 758		8 101 352 916		5 8 72 209 77 16		1 6 11		3	
70 71 72 78 74	Mechanics (not otherwise specified)	756 130 69 48	130 69 48 28 31		668 114 59 27 18		9		3		8 1 2	
75 76 77	Other skilled trades  Chauffeurs and truck and tractor drivers  Draymen and teamsters	28 31 839 114	838 114	1	708 80		9 7 71 21		1 46 10	1	1 13 3	
78 79 80 81	Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Housekeepers and stewards!	35 296 584 26	33 296 531 3	2 3 23	22 233 414	2 3 17	8 32 114 1	6	3 30 1 2		1 2	
82 83 84 85	Janitors Laborers Operatives Painters, glaziers, and varnishers (factory)	167 19, 544 18, 748 44	152 14, 987 5, 196 42	15 4, 557 13, 552 2	61 9, 690 3, 527 30	3, 204 8, 854 1	3, 103 1, 049 12 8 5	6 698 3, 155	35 1, 052 284	2 436 695	1, 142 336	219 848
86 87	Porters	44 47	44 34	13	26	2	8 5	5	36 1	3	2	3

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

10 TO 1 0	7 YEARS LD	18 AT YEAR	ND 19 S OLD	20 TO 24	YEARS	25 TO 34 OL	YEARS D	35 TO 4	4 YEARS LD	45 TO 54	4 YEARS LD	55 TO 64 OL		65 TO 74	4 YEARS LD	75 YI	EARS OVER	UNEN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
31 6 2 2	1 2 1 1 48	28 	1 8 	77 111 5 8 1 144 49 56 20	3 26 3 2 687 4	24 1 54 2 533 116 24 31	1 4 40 5 2 594	22 1 63 8 603 97 5 49	2 2 6 2 	9 1 48 390 102 1 30	10 10 53	27 21 224 42 1 30	1 4 1	8 1 57 9	2	1 13 1 2		1	4
		2 2 1 1 2 18 2 182 2 132 2 1	2	10 9 2 13 16 45 25 852 37 1 2	4	32 9 8 8 50 114 127 60 2, 576 127 3 10 27 5	8	8 41 2 13 7 48 185 128 63 3,412 239 4 12 300	5	5 48 11 128 213 103 48 337 2 8 112 6	14	7 18 1 8 1 9 9 180 50 38 2,905 218 6 11 1	6	3 10 1 5 2 2 72 14 11 1,089 125	2	11 2 323 22		2	
28 4 2 400 4 128 2 7	14	117 9 2 3 1 768 27 222 1 1 4	24	802 23 7 21 4 8 2,581 99 854 3	38	1,176 49. 32. 83. 25. 10. 4,070. 100. 1,749. 5. 16. 3.	2 38 1 115	646 57 26 74 50 21 3, 518 115 1, 575 6 20 1	23 777	297 60 24 70 111 23 2,551 96 1,119 6	5 11 37	99 24 18 50 150 28 1,372 44 483 4 5	3 9	12 18 7 14 124 15 497 10 168 1	7	1 1 26 5 69 1 10	1	1 13 8	
1,071	1, 819	1, 955	2, 639	5, 120 17 71 114	4, 216	8,189 121 612	4, 250 3 16 134	7, 274 243 891	3, 990 8	5, 986 277 760	2,767 17	3,767 189 408	1, 087 8 14	1, 564 85 139 57	293 3 3 7	178 18 13	26	29 1 1	15
2	4	1 13 1	8	114 18 3 1	2 2	508 42 9 12	134 5 	483 29 2 10	17 208 1 1 7	369 17 3 17	166 166 1	5 1 5	44	57 1 3	7	4		1	
2 29 20 1	7 32 4 2	1 4 2 30 75 1	44   62   5   7	19 2 15 145 2 302 31 2 6	2 1 167 166	8 09 5 67 194 3 307 100 4 2 2 41	5 1 2 229 145 2	6 72 6 90 112 3 180 93 5	105 76 2	5 46 1 76 60 4 99 68 4	1 2 52 52 1 32	2 14 60 35 2 62 31 1 2	12 1 8	2 22 11 17 10	3 2	1 1 2 3		1	
2 6 4 1	23 2	6 24 4 5	1 2 123 6	44 88 7 13	2 2 348 6	140 144 7 6	2 3 297 3	127 95 4 10	2 4 86 6	69 88 8	4 4 19 4	21 36 28 1 7	5 3	12 11 15	2 1	1 2		1	1
	1	3 2 1 6 19 16 1 1 2		1 11 4 6 2 12 15 100 82 2 3 11 2 6		1 26 12 10 7 45 54 354 227 20 25 7 11	1	15 59 5 39 2 24 88 313 237 35 10 14 7	1	8 81 6 32 1 16 113 282 119 48 11 2 7	2	13 40 3 38 1 6 109 96 60 19 9 8		10 10 144 30 12 4 1 1 4		1 1 2 2 9 1 3 3		1	
11 2 1 1 2 675 298 1	411 1, 332	39 2 3 1 1,217 449	2 2 556 1,816	208 11 2 17 6 2 2,785 916 5	1 846 2,620	332 29 7 65 14 19 3, 284 1, 184 10	1 3 2 834 2, 539 2	178 23 65 65 50 2 23 2,568 956 11	1 6 3 838 2,607	.44 23 4 72 108 1 38 2,248 737 8 8	3 1 634 1,798	23 18 7 47 192 42 1,459 475 2 4 4	1 1 7 6 311 658	5 6 4 27 133 26 669 158 2	2 111 158	1 25 25 67 18	12 14	15 5	4 10

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

		[In this tab	io, the occu		NATIVE		FOREIGN WHI	-BORN	NEG	<del></del>	OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	FOOD AND ALLIED INDUSTRIES—Contd.  Slaughter and packing houses!	164, 882	143, 972	20, 910	91, 253	15, 985	32, 214	3, 170	17, 028	1, 398	3, 477	357
2 3 4 5 6 7 8 9	Owners, operators, and proprietors  Managers and officials Foremen and overseers Chemical engineers 2 Clemists Civil engineers and surveyors Draftsmen Electrical engineers	1, 146 5, 359 5, 288 14 289 31 43 57	1, 130 5, 303 5, 098 14 277 31 43 57	16 56 190	720 4, 726 4, 009 12 253 28 36 47	13 50 154	401 571 1,020 2 23 3 7	3 6 33	4 4 44 1	3		1
10 11 12 13 14 15	Lawyers  Mechanical engineers <sup>3</sup> Social and welfare workers  Trained nurses Other professional pursuits	37 237 12 24 3	37 237 5 3 3 1,351	7 21 32 5	36 208 5 2 1 1, 216 81	8 19 29 5	1 29 1 2 135 3	1 2				
17 18 19 20 21 22 23 24 25	Accountants and auditors. Advertising agents. Agents (not elsewhere classified) Bookkeepers and cashiers. Canvassers. Clerks. Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls.	313 4, 949 42 10, 396 74 3, 137 401 454 634	307 3,581 40 8,821 71 3,124 309 433 27	1, 368 2 1, 575 3 13 2 21 607	268 3, 318 35 8, 007 60 2, 940 406 408	1, 293 2 1, 471 12 12 2 20 583	37 252 4 717 9 180 29 19	69 94 1 1 24	3 1 70 1 1	7	2 8 27 1 3	3
20 27 28 29 30 31 32 33	Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Blacksmiths.	1, 249 7 6, 938 2, 813 3, 272 934 191 92	1, 242 7 6, 879 2, 776 304 788 191	59 37 2,968 146	1, 111 7 6, 253 2, 376 290 642 84 59	55 32 2,843 133	593 311 12 107 104 27	1 4 3 121 9	1 11 73 31 2 5	1 2 4	22 16 2 8 1	1 2
34 35 35 36 37 38 39 41 42 44 44 46 47 48	Boilermakers Brick and stone masons and the layers Cabinetmakers Carpenters Compositors, linotypers, and typesetters Coopers Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Tinsmiths and sheet metal workers Other skilled trades	50 13 905 76 698 22 594 1,731 1,064 780 489 35 800 223	50 13 965 71 698 22 594 1,731 1,064 780 489 35 809 223	5	37 37 3545 58 355 16 493 1,306 731 615 369 26 648 1600	4	11 10 396 13 273 3 93 390 278 134 114 8 146 62 5	I			0 4 7 12 5 1	
49 50 51 52 53 54 55 56 57 68 50 61 62 63	Apprentices. Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Flremen. Guards, watchmen, and doorkeepers. Housekeepers and stewards 4. Janitors. Laborers. Oilers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Policemen. Porters. All other occupations.	58 6, 238 523 481 905 1, 355 34 787 43, 045 347 53, 059 201 139 267 17	58 6, 237 523 478 905 1, 353 710 39, 384 43, 052 197 139 206 3	3 2 31 27 3,661 1 10,007 4	355 4,994 305 256 481 858 2 204 18, 183 249 22, 398 137 104 19	1 20 5 2, 285 6, 909 1	9, 981 88	7 12 808 1, 962 1	56 65 166 33 1 273 8,854 8	1 4 9 478 881 2	94 1 7 4 6 2,366 1 820	
64	Sugar factories and refineries	23, 503	21,727	1,776	11, 933	1, 370	5, 758	217	3, 148	132	888	57
65 66 67 68 69 70 71 72 73 74 75 76 77	Owners, operators, and proprletors.  Managers and officials. Foremen and overseers.  Chemical engineers? Chemists.  Civil engineers and surveyors.  Draftsmen.  Electrical engineers.  Mechanical engineers? Other professional pursuits  Accountants and auditors.  Advertising agents.  Agents (not elsewhere classified)	46 834 1, 254 28 502 37 38 29 101 11 213 7	45 821 1, 234 28 490 37 29 101 9 208 7 300	13 20 	399 721 948 20 448 30 31 27 82 9 176 7 267 328	13 15 10 10 1 5 2 109	8 41 6 6 2 16 32 30 84	1				
78 79 80 81 82 83 84 85 86 87	Bookkeepers and cashiers. Clerks Clerks Commercial travelers. Credit men Messenger, errand, and office boys and girls Office appliance operators. Furchasing agents Salesman and saleswomen. Shipping clerks. Stenographers and typists.	483 1, 239 64 16 48 22 54 83 150 305 227	364 1,030 64 16 48 3 54 80 148 37	2 19 3 2 358 30	909 60 15 36 3 46 78 112	199 2 19 3 2 342	116 4 1 9 8 6 29 1 33	10	1 1 7 18	i	1	

<sup>&</sup>lt;sup>1</sup> Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in stockyards and workers in slaughter and packing houses. <sup>2</sup> Included, in other occupation tables, in the group "Mining engineers."

# GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

0 TO 17 OI	YEARS	18 AN YEARS	D 19	20 TO 24 OL:	YEARS	25 TO 34 COLU		35 TO 44 OLI	YEARS	45 TO 54 OL		55 TO 64 OLI	YEARS	65 TO 74 OL	YEARS D	75 YE AND C		UNKN	OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe male	Male	Fe- male	Male	Fe- male
2, 831	1, 770	5, 894	2, 882	20, 823	5, 225	41,289	5, 575	38, 028	3, 598	22, 839	1,394	10, 632	361	3, 244	71	295	11	97	23
4	3	4 5 31	3 11	16 150 372	1 25	$155 \\ 1,210 \\ 1,452$	1 16 60	344 1,864 1,531	6 20 50	321 1, 343 992	11 28	202 581 560	2 4 10	76 136 <b>1</b> 48	1 2 3	11 10 8	1	1 4	
		16		$\begin{smallmatrix}2\\60\\2\end{smallmatrix}$	<u>-</u> 5	8 120 8	5	3 46 10	<u>2</u>	26 8		5 2		4		 1			
		4		10 5 2		20 11		7 15 10		19 7		2 5		4				1	
				25	<u>-</u>	104	2 10	49 4 1	1 5	29 1	1 2	23	3 2	6		1			
		21	4	2 155	6	489	15	1 391	5	196	1	81	1	15		1		2	
5 35	27	21 2 1 180	3	155 21 14 1,019	1 1 408	30 83 1,402	1 1 530	9 106 522 11 1,421	2 225 2	11 67 254	61	6 28 121	11	7 38	ī	1 8		2	2
299 299	90	180 3 775 1 14 3	221	2, 367	469	2, 878 17	490 1	l in	213	644 10	65 1 2	314 11	20	105	4	12 1 2	1	6	2
270	8	14 3 107	12	258 24 37 14	3 <u>8</u>	1,136 155 4	2 2 3	968 130 4	Б	510 61 5		196 24 3		40 2 3					
4	8 22	107 7 9	76	14 103 1	248 1	362	203 1	376 2	54	209 1	3	128	2		2	8			-
12 33	4	65 160	5 9 452	712 647 139	7 13 1, 178	2, 738 937 64	16 8 911	1, 946 598 17	16 5 248	978 280 9	7 1 78	338 101	3 1 12	76 18 2	1	1		i	ī
33 8 11	87 26	65 48 1	25	191	40	64 265 20 15	911 27	17 137 44	19	84 57 21	7	33 42 12	1	17 21 3		2	1		
				3		5 2		39 12 5		17 3		8 2 131		5 5 50		5			
3 2		10 2 5		40 19 40	3	154 14 143	2	320 17 216		252 8 152		89		49		<u>ā</u>		-	
		17		93 74		228 354		10 147 460		69 456		32 279 84		8 97 30		3			
		17 11 2		92 68 27		264 219 120		817 253 167		259 143 109		- 68 51		20 13		2	-	- - -	
 		1 6		7 91 33		6 240 67		12 270 51		133 37		- 60 - 23		8 5		i		- i	-
27		10		2		4		5		6		1 123		- 1					-
27 50 3		260 13 11	1	1,492 63 56	<u>i</u>	2, 664 129 97	1	1, 183 123 114	1	433 106 91		64 59 103		18 19 38 26 226		$\frac{1}{3}$		- 2	
2		3		53 20	2	193 104	3	279 203 2	1 5	246 336	14	- 437	1	226	-	22	. ī		-
1, 082 3	358	2, 188 8	502	20 6, 251 52	725	10, 442 93	891	159 9,667 84	14 798	168 6, 243 66 7, 225	289	2, 622	81 81	1 7			-	_ 1	
946 3	1, 144	1,777	1, 462	5, 788 27	2, 073 1	11, 817 45 11	2, 360 2	11,140 66 43	1,900	7, 225 32 36 54	810	3, 287 16 35 23	196	- 8 13					-
6	1	6	1	25	2	_ 64	1 4	74		. 54 1		28		11	-	-		-	-
394	158	724	211	2, 482	508	5, 372	504	5,802	238	4, 249	=		_	= ====	= =====	70		23	1
				8 55		107 310	5	- 11 278 423	4 4	10 274 283	1 . 4	123 123 126			H	3		i	
		16		2 83		_ 10 198	6	- 11 117	2	3 47		- 18 - 18		9		-		2	
		i		- 1 8		- 14 11 10	1	_ 7		3		3 5 12		10		i			
						- 16 1 52	1			32 2 51		19	. 1		-	1			
				18	-	- 3 44		- 2		- 91 - 46	<u>-</u>	48 26		14 2 9 2 29		1		1	
28		61	3 7 1 12	195	50	298	89	_ 23	29	133 - 12	13	2		1					-
28	ī		7	7		:   1		1	-	]i		3		4				-	
	i.		-	1		- 16 22 48			1			7	'	3				-	
	12		1 29 1 5	20 14 3 28	128 10	;   10	138	5 57	31	4	1	7 24		3	)-	_l 1		[ ا	 :

<sup>Includes, also, all technical engineers not elsewhere classified.
Includes hostesses and matrons.</sup> 

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIG: WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
123456789101121341561718992223428993012333553340423444444444444444444444444444	FOOD AND ALLIED INDUSTRIES—Continued.  Sugar factories and refinerics—Continued.  Blacksmiths. Boilermakers. Brick and stone masons and tile layers Carpenters. Coopers. Coopers. Coppersmiths. Cranemen, derickmen, hoistmen, etc. Electricians. Engineers (stationary). Machinists. Mechanics (not other wise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Tinsmiths and sheet metal workers. Other skilled trades. Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers Laborers. Laborers. All other occupations. Other food factories. Owners, operators, and proprietors. Managers and officials. Foremen and overseers. Chemical engineers them. Civil engineers and surveyors. Draftsmen Electrical engineers Mechanical engineers Mechanical engineers Mechanical engineers Mechanical engineers Advertising agents. Advertising agents. Advertising agents. Adents (not elsewhere classified). Bookkeepers and cashiers. Clerks. Collectors.	890 890 353 320 1003 200 577 2722 524 7777 4188 4236 424 7777 4188 4236 4236 4239 383 700 9, 208 3, 778 31 31 33 31 31 31 31 31 31 31	89 35 32 196 103 20 57 272 524 777 418 33 42 41 335 41 335 41 335 41 335 41 335 41 36 239 9, 038 3, 070 5, 492 1, 1965 3, 492 1, 1965 1, 1965 1	33 260 708 24, 371 172 234 410 44 13 2 37 36 41 1, 612 61 1, 954 1, 954	568 24 8 142 47 8 48 242 391 522 328 40 112 187 28 31 1, 656 20 3 1, 656 20 1, 672 1, 672 1, 672 1, 672 26 5528 131 13 44, 870 1, 572 26 5528 123 34 125 528 24 25 528 26 27 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	72 539 4 15, 723 145 216 363 37 41 1, 524 41 1, 524 1, 524 1, 524 1, 816 1, 816	27 10 16 50 38 12 9 29 115 226 70 12 14 4 4 19 115 127 37 2, 897 59 8 11, 189 987 599 370 6 108 4 6 114 115 115 115 115 115 115 115 115 115	1 30 133 133 1,671 20 17 41 3 1 1 85 2 124	0 7 4 18 117 28 16 11 5 5 4 40 21 2, 553 10 280 138 2 4, 001 13, 5 16	109 20 5,598 1 13	1 1 3 4 4 1 1 1 2 2 1 1 1 2 2 7 3 3 1 1 5 1 1 1 3 7 7 1 3 3 1 2 6 6 8 8	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
478490552555555555555666266667777777777777777	Collectors. Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators. Purchasing agents Sales agents Sales agents Salesmen and saleswomen Shipping clerks. Stenographers and typists Weighers Blacksmiths Boilermakers. Brick and stone masons and tile layers. Cabinelmakers. Carpenters. Compositors, linotypers, and typesetters Coopers. Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary). Machinists Mechanics (not elsewhere classified) Millers. Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Tinsmiths and sheet-metal workers Toolmakers and die setters and sinkers Other skilled trades. Apprentices. Chanfeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders.	35 2,588 112 152 152 113 124 54 54 2,899 1,455 230 911 917 175 230 917 1,043 444 180 118 15 13 40 4,907 4,90	34 2, 551 105 119 48 2, 736 1, 423 10 25 230 70 73 24 296 927 1, 043 664 433 334 44 180 118 15 16 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19		288 2, 859 98 116 45 2, 385 1, 178 89 72 18 18 7 152 152 71 44 21 255 717 756 509 351 268 33 148 42 4, 098 251 68 297	1 35 7 23 94 4 5 139 2, 280 68	8 183 7 7 7 7 15 15 15 15 15 15 15 15 15 15 15 15 15	8 1 17 5 107 12	6 1 1 2 14 24 14 2 2 1 1 2 283 33 19 81	1 3	19 2 1 1 2 2 5 3 1 1 28 8 2 1 1 1	4
82 83 84 85 86 87 88 89	Guards, Watenmen, and doorkeepers	469 492 221 16, 968 125 25, 898 106 161 35	490 492 206 13, 281 125 12, 743 106 101	15 3, 687 13, 155	297 337 70 7, 734 107 8, 511 82 25	7, 520 1, 199	139 60 2,779 15 3,069 24 26 2	5 147 1,065	2, 441 3 768	2, 196 3, 359	395	1, 2

<sup>1</sup> Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 17 YEARS OLD	18 AND 19 YEARS OLD	20 TO 24 YEARS OLD	25 TO 34 YEARS OLD	35 TO 44 YEARS OLD	45 TO 54 YEARS OLD	55 TO 64 YEARS OLD	65 TO 74 YEARS OLD	75 YEARS AND OVER	AGE UNKNOWN
Male Fe-male	Male Fe-	Male Fe-	Male Fe-male	Male Fe-	Male Fe-male	Male Fe-	Male Fe-	Male Fe-	Male Fe-
Mole Fe-	Male Fe-	Male Female  2 1	Male Fe-male    12	Male Fermale    22   12   11   14   14   18   18   17   16   19   10   10   10   10   10   10   10	Male Female    Temple	Male Fermale    Male   Fermale	Male Female  4 1 1 19 7 7 3 1 1 2 3 4 4 1 7 7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AND OVER	Wale   Female
2 2		18 2	22 3 6	16 2	5 2 5 61 13 22	3 1 3 42 4 1 15	13	7 4 2 8 1	1 6 1 6
21 56 7 4 2 2 578 487 617 1,834 2 2	8 16 3 1 4 4 940 469 2 767 1,842 5	1, 175 68 5 25 6 4 2, 345 12 2, 333 12 2, 966 12 2, 966	2, 120 108 22 86 21 27 3, 218 42 3, 380 20 40 40 40 40 4	884	281 36 28 130 115 64 2,000 319 26 1,142 26 21 3	69 27 25 71 168	115 7 7 13 25 103 26 388 36 1 1 1 9 93 2 8 2 2	1 1 2 2 10 3 1 28 5 5 48 12 1	4 8 8 3 8 7 19 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		[In this can			NATIVE		FOREIG WH	N-BORN	NEG		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	FOOD AND ALLIED INDUSTRIES—Contd.  Liquor and beverage industries	50, 403	46, 799	3, 604	83, 378	3, 199	9, 999	245	3, 045	140	387	20
2 3 4	Owners, operators, and proprietors Managers and officials Foremen and overseers	4, 458 3, 851 997	4, 369 3, 769 976	89 82 21	2, 971 3, 274 745	74 76 19	1, 371 484 213	15 6 2	8 7 11		19 4 7	
5 6 7 8 9	Chemists. Civil engineers and surveyors. Draftsmen. Electrical engineers. Mechanical engineers. Other professional pursuits	232 10 17 12 29 21	230 10 17 12 29 19	2,	171 6 15 10 25 16	2	56 4 2 2 4 3		1			
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	Accountants and auditors Advertising agents Adgents (not elsewhere classified) Bookkeepers and cash.ers Canvassers Clerks Collectors Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Sales agents Sales agents Salesmen and saleswomen Shipping clerks Stenographers and typists Weighers	296 102 248 1, 829 50 1, 435 1, 242 28 57 23 29 17 3, 273 398 904 15	282 98 242 885 46 942 52 1, 237 27 50 2 27 17 3, 247 393 48 12	14 4 6 944 4 493 2 5 1 7 21 2 856 3	248 93 184 793 40 815 42 1, 111 24 32 25 13 2, 876 313 44 10	13 3 6 882 3 469 2 5 21 22 22 5 818 2	29 4 56 84 4 117 10 119 3 5 2 2 4 3 45 76 4 2	56 1 19 2 3 36	1 5 2 11 7 1	1	5 2 8 8 2 5 5	i
28 29 30 31 32 33 35 36 37 38 39 41 42	Blacksmiths Boilermakers Cabinetmakers Capenters Coopers Coopers Coppersmiths Electricians Engineers (stationary) Machinists Mechanies (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Pumbers and gas and steam fitters Trismiths and sheet motal workers. Other skilled trades.	32 12 13 163 170 10 94 758 498 382 44 21 131 39 26	32 123 163 170 10 94 758 498 382 44 21 131 39 25	1	9 8 6 95 6 74 481 341 331 16 107 28 20	1	23 3 7 68 106 4 20 271 140 55 11 5 24 11		5 17 12		1 2	
43 44 45 46 47 48 49 50 51 53 55 55	Apprentices Chauffeurs and truck and tractor drivers Draymen and teamsters Elevator tenders. Firemen Guards, watchmen, and doorkeepers. Laborers Oilers of machinery Operatives Painters, glaziers, and varnishers (factory) Porters All other occupations.  IRON AND STEEL MACHINERY AND	26 6, 902 433 24 509 451 85 8, 515 77 11, 187 55 104 15	26 6, 902 433 23 509 450 77 8, 293 77 10, 413 53 104 9	1 8 222 774 2	23 5, 447 282 15 250 272 28 4, 937 51 6, 525 39 13	1 1 141 614 1	2 866 114 7 227 171 27 1, 677 24 3, 078 14 20 4	1 1 18 81 1	1 533 35 1 31 6 21 1,542 2 708		56 2 1 1 1 1 137 102	7
56	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES  Agricultural implement factories	53, 244	50, 140	3, 104	38, 471	2, 884	10, 452	208	1, 080	12	137	
57 58 59	Owners, operators, and proprietors.  Managers and officials.  Foremen and overseers.	387 1,685 1,798	385 1,665 1,791	20 7	351 1, 543 1, 474	2 20 4	34 122 310	3				
60 61 62 63 64 65 66 67	Chemists Civil engineers and surveyors Designers. Draftsmen Electrical engineers Lawyers. Mechanical engineers. Photographers Other professional pursuits.	53 34 14 406 19 11 222 12	53 34 14 404 19 11 222 12	2	48 32 9 350 13 10 182 11	2	3 2 5 54 6 1 40					
69 70 71 72 73 75 76 77 78 80 81 82 83 84 85	Accountants and auditors.  Advertising agents. Agents (not elsewhere classified). Bookkeepers and cashiers. Canvassers. Clerks. Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents. Sales agents. Sales men and saleswomen. Shipping elerks. Stenographers and typists. Weighers. Other clerical pursuits.	395 117 194 1, 135 16 8, 249 161 67 89 112 1, 616 1, 464 26 5	384 112 191 756 16 2, 735 1, 629 159 60 7 112 1, 614 749 83 25	11 5 3 370 514 	354 107 177 722 13 2, 516 1, 561 1, 561 1, 561 1, 561 1, 542 1, 542 062 76 16	11 5 3 378 501 2 7 81 2 4 1,334 5	30	6	9 1 1 1	1	2 1	

## GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

O TO 17 OL		18 AN YEARS	D 19 I OLD	20 TO 24 OL	YEARS D	25 TO 34 OLE	YEARS	35 TO 44 OLI	YEARS	45 TO 54 OL		55 TO 64 OL		65 TO 74 OL	YEARS D	75 YI AND C	EARS VER	UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1, 785	184	2, 366	396	6, 395	995	11, 511	1, 069	10, 265	547	7, 993	286	4, 711	98	1, 572	23	174	1	27	5
i		7 13 9	1	73 165 68	4 1	746 963 253	12 18 8	1, 370 1, 166 278	27 28 8	1, 160 860 221	29 21 3	752 433 114	16 8 1	236 142 27	2 	24 24 5		3	
		7		31		72 2 4		53 3 1	1	39 3 1	1	21 1		6 1 1		1			
		3		1 2		7 11		4   1	2	4 3 1		4 3 1		1 1					
		1 1		25 23 15	2	86 40	7	83	4 1	42 14	1 1	30 2	<u>ī</u>	11		3 1		. 1	
3	21	30	1 78	142	278	51 253 15	336	173 7	$\begin{array}{c} 1 \\ 147 \\ 2 \\ 72 \end{array}$	60 145 10	61 2 43	39 105 7 83	21	10 31 1	1	3 1			i
37	13	71 14	50	190 3 124	145	251 6 443	160	161 4 351	1 1	111 8 195 5	1 2	16 82 2		29 13 21 1	i	6		1	
29	2 1	10	2 2	1 2	2 9	8 ' 3 ' 7	1 8 1	10 2 11	1	 5	1	2 2 3		1				-	
15	i	1 67	2	435 71 16	1 1	1, 260 90	7 2	8 851	7	404 62 2 3	4 1 13	171 50	4			5		2	
7 3	29	16 14	127 1	16 2	328 1	8 2	287	86 3	69		13	2 4	2	7		1	-		-
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		1		1		21 10 2		35 26 3 34		36 50 3 17		56 1 5		23 25 1		2			
		<u>18</u>		22 46		31 83 132 146		166 141 113		226 104 48		190 48 20		65 7 4		. 5 1		1	
<u>î</u>		7 1 3		43 1 4 16		12 6 34		11 3 29		13 3 32		5 3 12		- 2 - 5					
		1 2		4 4	i	9		6 7		12 1		6 2		. i		- -			
193 9		10 444 27		1, 621 75 2		2, 515 121		1, 292 82		613 62 6		184 42 3		33		1			5
1		6 2		11 2		88 19		129 42	1 2	147 105 19 1, 173	2	95 165 19		. 30	ī	18		-	
868	28	841 1	30	.  `2	1 34 186	1, 602 9 2, 032	53	1, 228 20 2, 123	36 132	1, 173 23 1, 895	70	704 19 1, 122	12	1 354	.   9				5 1
597 1 10	88	718 2 10	I	1, 540	1	2, 03 <u>0</u> 9 21	1	6 16 3	1 2	1, 895 15 13 3		- 16 16		3 5 1					
														1, 474	. 4	161		1 2	2
714	102	1, 955	413	. 4	1,052	12, 903 25 302	939	11, 990 99 578	412	8, 856 105 441	142	- 84	. 1	59	)		)	i	=   i
		7		32 84		351 17	5 2	573	2	475	3	-		61		-			1
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	-,	10	\ I	133 175		187 187 14	i.j I	439 136					,  :	i i	7	1 :	1		2

## OCCUPATIONS—GENERAL REPORT

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

-	Male	
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3	1	1
	i	
	1	
	297	1 1 0 83 4 166 6 6 83 4 166 6 6 83 4 166 6 6 83 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

<sup>1</sup> Most of these were returned as metal "annealers," "hardeners," "temperers," "testers," or "treaters." Included, in other occupation tables, in the group "Mining engineers."

## GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

10 TO 17 OL	YEARS D	18 AN YEARS	D 19 I OLD	20 TO 24 OLI	YEARS	25 TO 34 OLI	YEARS	35 TO 44 OLI	YEARS	45 TO 54 OL		55 TO 84 OLI		65 TO 74 OL	YEARS D	75 YE AND C		UNKN	OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
55 49 1 6 29 1 1297 1171	16	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25	95	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	197 8 1 2 54 77 34 98 77 69 1, 837 758 65 106 37 82 212 2 1 6 49 181 9 2, 463 13 18 19 2, 463 18 15 2, 257 145	4 28 107 3	253 9 1 2 2 86 5 19 62 81 85 1,543 600 80 526 23 33 4 11 18 18 18 18 19 10 20 21 21 21 21 21 21 21 21 21 21	2 1 1 1 8 18	219 111 5 4 81 110 40 58 42 909 3333 81 420 20 22 25 4 6 18 58 98 2 2 46 46 8 9 14 40 1,803 111 1,205	18	630 77	1 	. 30	1	1 1 20 4 2 2 2 1 1 1 3 3 1 1 1 7 7 2 4 3 5 5 1 1 7 2 2		1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
				3	1	4	2	7		6 2	1			1	-			072	25
4, 888	1, 531	19,002 2 15 61	5, 950	93, 086 32 316	15,482 1 14	199, 816	2	621 4, 169 7, 496	5, 934 4 26 89	78, 725 557 1, 851	3	281	3			12 11			3
1 2 15 416 174 155 100	49 191	22 273 3 3 47 2 1 118 1, 640 2 6 1 1199 36 4 4	12 12 255 646 	10 93 16 34 1,001 47 7 2022 105 834 4 6,342 4 1 1 249 882 2330	1 6 50 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1, 878 140 31 1, 268 10 9 1, 791 107 642 1, 213 5, 762 182 182 183 27 453 10 771 1, 288	14 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	18 172 6 83 882 167 20 1, 417 12 2 6 6 1, 183 67 605 549 6 4, 652 16 684 788 15 4 4 4 22 501 897 41 897 41	2 33 31 0 5 402 686 17 75 4	69 188 7711 8 4 4 4 362 272 243 5 2, 146 9 9 7 7 115 9 234 5	11 28 11 137 165 1 1 1 1 28 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 100 - 71 - 73 - 1900 - 2 - 2 - 5 - 116 - 2 - 2 - 6 - 9 - 8 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9 - 9	1 2 2 6 6 3 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6	28 - 30 - 30 - 11 - 20 - 11 - 23 - 23 - 34 - 11 - 21 - 21 - 32 - 34 - 11 - 21 - 16 - 60	ii	1 1 1 6 27 2 2 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1			1 1 5 5

<sup>&</sup>lt;sup>3</sup> Includes, also, all technical engineers not elsewhere classified.

# Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

		lin this tab			NATIVE		FOREIGI WEI	I-BORN	NEG		OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 12 22	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES—Continued  Automobile factories—Continued.  Blacksmiths	2, 391 179 262 802 4, 081 39 124 12 1, 308 7, 069 2, 566 68, 207 33, 338 4, 000		26 	1, 042 102 77 349 2, 347 10 808 5, 552 1, 937 23 4, 202 40, 407 240, 407 3, 049 8 85 85 87 1, 338	33	1, 318 71 177 462 1, 671 28 44 11 1, 431 599 115 1, 854 20, 573 1, 441 5 649 23 23 23 23 23 23 23 23 23 24 24 24 24 24 24 24 24 24 24 24 24 24	3	29 6 8 1 55 9 1 1 56 75 21 175 958 811 102 27 6 5		8 3 31 10 25 267 128 7	
20 21 22 23 24 25 26 27 28 29 30	Plumbers and gas and steam fitters. Rollors and roll hands Sawyers Skilled occupations (not elsewhere classified) Tinsmiths and sheet metal workers Toolmakers and die setters and sinkers Upholsterers. Other skilled trades	1, 960 120 641 875 4, 608 23, 907 15, 980	1,960 120 641 875 4,607 23,904 15,097	1 3 883	1, 383 86 494 594 3, 252 13, 544 12, 238	1 3 709	557 29 96 205 1, 338 10, 255 2, 770	167	19 5 51 14 10 62 54	6	1	1
31 33 33 35 36 37 38 39 41 42 44 45 46 47 49	Apprentices:  Designers' and draftsmen's apprentices.  Electricians' apprentices.  Machinists' apprentices.  Tinsmiths' and coppersmiths' apprentices.  Other apprentices.  Buffers and polishers (metal).  Charwomen and cleaners.  Chauffeurs and truck and tractor drivers.  Draymen and teamsters.  Elevator tenders.  Enamelers, lacquerers, and japanners.  Filers (metal).  Firemen.  Furnaco men, smelter men, and pourers.  Grinders (metal).  Guards, watchmen, and doorkeepers.  Heaters.  Housekeepers and stewards 1.	102 62 023 26 1, 337 7, 927 96 5, 844 530 610 5, 632 1, 440 6, 545 3, 004 448 69 2, 507	101 52 923 26 1,300 7,771 53 5,841 806 516 563 5,603 1,440 6,510 2,909 448 14 2,441	1 37 156 43 8 8 	86 43 767 24 1,095 5,227 21 4,667 241 303 436 3,107 870 186 4,337 2,106 200 9	38 117 24 3 9 45 24 	15 7 7 143 2 2 176 2, 442 21 849 48 119 2, 456 450 237 1, 912 8174 5 6998	39 16 2 5 10 3 3 11 28	1 9 15 74 11 315 16 6 20 114 71 223 74 78	1 15	14 28 10 1 1 1 2 10 6 6 5 88 1 1	1
50 51 52 53 54 55 56	Laborers Ollers of machinery Operatives Painters, glaziers, and varnishers (factory) Policemen Porters All other occupations Automobile repair shops	123, 717 634 161, 957 23, 776 198 491 21	120, 150 632 142, 925 23, 319 198 491 21	3, 567 2 19, 032 467	59, 192 394 99, 081 16, 929 104 60 10	2,708 1 15,658 357	42,639 203 39,829 5,699 33 54 11	687 1 3, 270 93	16, 289 28 3, 154 520 1 375	161 91 6	2, 030 7 861 171 2	11 13 1
58 59	Owners, operators, and proprietors.  Managers and officials Foremen and overseers	16, 713 6, 365 2, 135	16, 631 6, 330 2, 130	82 35 5	14, 268 5, 877 1, 925	73 31 5	2, 160 433 190	9 3	156 14 13		47	12
60 61 62 63	Electrical engineers.  Mechanical engineers. Other professional pursuits	2, 135 48 90 17	2, 130 48 90 17	0	1, 925 44 70 16		190 4 20 1		10			
64 65 66 67 68 69 70 71 72 73 74 75 76	Accountants and auditors Agonts (not elsowhere classified) Bookkeepers and cashiers. Canvassers. Clerks Collectors. Credit men Messenger, orrand, and office boys and girls Office appliance operators. Purchasing agents. Purchasing agents. Salesmen and saleswomen. Shipping elerks. Stenographers and typists. Other elerical pursuits	150 40 2, 341 19 1, 642 40 25 68 15 14 641 29 1, 018	139 38 839 19 1,219 34 20 58 2 14 627 28 40 34	17 2 1,502 423 6 5 10 13 14 1 978	121 35 787 16 1,120 51 1 13 574 220 20 20 32	17 2 1, 421 395 6 5 10 13 12	18 3 49 3 88 3 2 1 1 41 5	67 28 	7	2	8	4

<sup>&#</sup>x27;Most of these were returned as metal "annealers," "hardeners," "temperers," "testers," or "treaters."

## GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 1'	7 YEARS .D	18 AN YEAR:	ID 19 S OLD	20 TO 24	YEARS D	25 TO 34 OL	YEARS D	35 TO 4-	YEARS	45 TO 5-	4 YEARS LD	55 TO 64 OL	YEARS D	65 TO 74	YEARS LD	75 YE	EARS OVER	UNK	E OWN
Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
										ļ									
		22 2 10		101 10 20		357 41 61		749 62 77		654 43 65		381 14 26		134 7 3		13			
8		11 46		65 282 3		138 825 6		1, 186 16 16		217 1,035 10 10		26 90 529 3		39 156		1 12		2	
4	1	8	6	18 2 1	11	38 5 11	4	9	3	1 14	1	5 7		1 3 1					
3		17 162 17		195 915 141 7		513 8,063 736	1	391 2, 038 835		150 694 500	1	36 167 250		5 23 81		4 3		3	
		1 123 1,438 974	1	966 9, 139 5, 640	1 1	2, 523 24, 127 18, 472 1, 146	1 1	11 1, 964 20, 633 8, 821 1, 536		573 9, 121 3, 314		90 3, 064 888		1 16 617 194		1 35 10		31 23	
		27		211		1, 146				1,100	1	481		88		10			
2		19 2 4		151 23 15		416 38 30		2 508 49 39		289 22 10 407		84 9 7		14				9	
		42 14		188 131 21 96		614 578 58		508 49 39 671 693 36 152 295		407 405 16 86		186 126 4		54 10		10 1		2	
		22 6 105		87 605	<u>2</u>	222 232 1, 585		152 295 1, 382	1	86 159 697 2, 989 1, 455		47 74 192		14 21 36 147 202		1 3		2 8	
		600 575 1	133	2, 490 3, 196 1	236	1,585 8,896 5,609	311	8, 029 3, 320	151	2, 989 1, 455	37	737 615	13	202	2	25 		9	
80 37		14 4	1	7 8		3													
613 24 637	30	162 1 334	4	126 1 257 1, 374	2	20	 1	2 10 2, 191		972				 1 47					
44 65	5 1	21 <sub>1</sub> 3 364	29 4	1, 374 5 1, 626	2 39 8	59 2, 653 16 2, 344 116	52 11 1	12 955	18 12 1	972 6 359 24	9 6 1	272 5 104	2 1	5 17	2	3 1 3		4	
3 2	2 6	364 24 11 10 90 12	10 6	1, 626 78 25 106 814	3 16 6	116 52 177 2, 220 370	4 7 11	49 71 143 1,820	3 4 3	92 97 495	3 2	7 121 23 112	1	5 117 5 30		24			
16 2	1	12 2 152	5	80 39 1,098 57	12	2, 220 379 130 2, 530 220	7	457 173 1,803	7	344 124 674	1	132 26 186		33 3 44		3			 
$\begin{array}{c c} 21 \\ 1 \\ 2 \end{array}$		5 5		47	3	149 I	i 4	435 155	2	763 82 2 561		097	7	538 1	2 4	62		1 2	
3 180 4	174	25 4, 888 27 5, 106	611	181 20, 856 66 25, 808 3, 681	1, 136	428 35, 741 145	15 890	1 474 30, 872 133	16 27 540	17, 582 130	21 17 162	12 3 483 6, 843	7 3 40	259 1,919 35	7	25 170	4	99 	3
184 161	802 21	5, 106 590	2, 609 78	- 6	5, 771 169	428 35, 741 145 48, 448 7, 903	5, 583 103	36, 593 5, 987 43	3, 030 56	17, 644 3, 244 56	972 24	92 6,363 1,381 44	218 4	1,610 325 10 17	38 1	119 30	2	50 17	7 1
3		14		68 2		154		123 . 8		73 2		37 1		17 1		2			
686	109	10, 484	381	42, 882 744	995	99, 910 5, 539	1,055	63, 969	482	23, 477	171	7, 101	43	1, 794	6 3	212	2 1	159 18	7
		82 7		429 154	2 1	2, 587 980	10 4	6, 042 2, 274 712	11	757 208	6	203 56		42 12		3 1		3	
				3 10 3		23 26 7		13 29 4		5 16 3		4 8		i					
;2-		1	2	23 8	5	48 16	5 1 554	40 8 148	4 1 266	19 2 74	1 83	$\begin{array}{c} 6 \\ 2 \\ 42 \end{array}$	15	$\begin{array}{c}1\\2\\15\end{array}$		12	i		<u>-</u> -
12 59	24 21	50 1 121	136 53	219 5 361	419	277 6 393 11	138 2 1	159 5	78 3	3 59 8	23	2 49 4	1	15 15		3			2
24	·   ·	9	1 4 1	4 3 5	2 1 4	6 9	1 3 6	10 8	2	2	1 1	1 1		i	1				
13		1 29 3		138	3	7 235 9	3	$\begin{array}{c}5\\141\\4\end{array}$	5	48	2	1 18		5	1				
2	50	7 2	168	12 4	421	11 11	265	5 9	56	5	15	3 2	2	ī					<u>-</u> -

<sup>&</sup>lt;sup>2</sup> Includes hostesses and matrons.

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		[In this tab			NATIVE		FOREIGH WHI	I-BORN	NEG		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES—Continued  Automobile repair shops—Continued.  Blacksmiths. Cabinotmakers. Carpenters. Electricians. Engineers (stationary). Forgemen and hammermen. Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and stoam fitters. Trinsmiths and sheet metal workers. Toolmakers and die setters and sinkers. Upholsterers. Other skilled trades.  Apprentices:	553 21 216 3, 663 74 161 17, 934 164, 511 21 122 25 272 70 1, 427 45	553 21 216 3, 663 74 151 17, 984 164, 506 21 122 25 272 79 1, 407 44	5 	301 124 3, 322 65 14, 050 187, 422 10 108 18 176 67 1, 185	5	234 5 89 299 23 2,126 18,109 5 7 7 98 8 22 106 14	2 1	7, 677		0 1 2 27 4 147 1, 238 2 2 3	
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Appendices:  Electricians' apprentices.  Machinists' apprentices.  Other apprentices.  Buffers and polishers (metal).  Chauffeurs and truck and tractor drivers.  Filers (metal).  Guards, watchmen, and doorkeepers.  Janitors.  Laborers.  Oilers of machinery.  Operatives.  Painters, glaziers, and varnishers (factory).  Porters.  All other occupations.	35 275 2, 914 85 1, 200 47 20 44 182 110 12, 653 50 0, 452 10, 012	35 275 2, 906 84 1, 259 47 20 44 181 113 12, 617 50 9, 407 160 54	1 3 36 45 35	35 249 2, 610 61 918 41 16 32 133 42 8, 583 7, 378 7, 378 15 41	2 2 21 34 27	7 115 22 72 8 8 12 32 21 1, 201 7 7, 300 1, 750 9	1 3 4	133 117 198 	15 5 4		1
32 33 34	Blast furnares and steel rolling mills 1 Owners, operators, and proprietors Managers and officials	620, 894 1, 433 9, 011	602, 358 1, 424 8, 920	18, 536 9 91	349, 975 1, 021 7, 929	18,752 9 84	188, 735 402 986	1,426	52, 625	331	11,023	27
35 36 37 38 39 40 41 42 43 44 45 40	Chemists, assayers, and metallurgists.  Civil engineers and surveyors.  Designers.  Draftsmen  Electrical engineers.  Lawyers.  Mechanical ongineers <sup>1</sup> .  Mining engineers <sup>8</sup> .  Photographers.  Soctal and welfare workers.  Trained nurses.	3, 002 1, 580 1, 580 91 5, 017 564 45 1, 795 185 41 27 233	20, 196 2, 994 1, 580 90 4, 990 564 44 1, 795 185 38 18	91 8 8 1 27 1 1 3 9	15, 670 2, 731 1, 403 65 4, 270 486 43 1, 471 161 33 12 40	87 7 1 27 / 1	4, 321 252 172 25 712 78 1 317 34 5		3	l	21 2 2 6	
47 48 49 51 52 53 54 55 57 58 60 61 62 63	Accountants and auditors	2, 769 85 707 4, 753 20, 555 16 1, 386 179 1, 086 542 657 73 2, 406 4, 173 8, 219 1, 339	2, 669 77 700 3, 250 25, 581 1, 386 172 1, 223 102 652 2, 394 4, 138 4, 138 1, 322	100 8 7 1,503 3,974 1 7 43 440 5 1 12 35 7,478 17 4	2, 460 75 645 3,004 23, 433 141 1, 308 96 617 68 2, 234 3, 709 1, 117 9	97 8 5 1, 399 3, 780 7 41 418 5 1 11 33 7, 161 4	209 242 242 2, 041 77 12 64 5 35 4 158 789 32 172 2	3 2 103 192 1 1 	3 85 1 41 1 1 120	1 1		1
64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80	Blacksmiths Boilermakers Brick and stone masons and tile layers Cabinetmakers Carpenters Compositors, linotypers, and typesetters Coopers Coopers Coppersmiths Cranemen, derrickmen, hoistmen, etc Blectriclans Engineers (stationary) Engravers Forgemen and hammermen Machinists Mechanics (not otherwise specified) Millwrights Includes tin-plate mills. Sometimes it was impossible	3, 793 2, 590 3, 280 4, 470 19 152 108 31 14, 902 9, 196 7, 144 51 2, 044 30, 417 5, 727 4, 982	3, 703 2, 598 3, 260 4, 470 199 138 103 31 14, 902 9, 196 6, 143 51 2, 044 80, 417 5, 727 4, 982	16	1,702 1,621 1,677 32 2,826 4 122 74 18 9,633 7,769 5,477 36 1,444 21,466 4,105 2,968	15	1, 938 921 1, 375 53 1, 599 7 13 23 13 4, 731 1, 384 1, 545 14 553 8, 562 1, 478 1, 967	1	73 40 195 1 39 8 6 454 38 110 1 43 803 111 50		11   4   86   33   7	

<sup>&</sup>lt;sup>1</sup> Includes tin-plate mills. Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in blast furnaces and steel rolling mills and workers in iron manufacturing establishments.

<sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 1 O	7 YEARS LD	18 AN YEAR	ID 19 S OLD	20 TO 24	YEARS	25 TO 34 OL		35 TO 44	YEARS D	45 TO 54	YEARS	55 TO 64 OL	YEARS	65 TO 74 OI		75 YE AND (	EARS OVER	UNEN	E IOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
4		7 3 110 4 593 6,579 5 6 2 42	1	25 1 16 586 4 2, 3,076 29,510 2 20 22 22 27 143 5	3	65 4 48 1, 605 24 59 7, 080 69, 943 6 39 6 83 29 391 20	2	146 3 50 1,019 23 4,593 41,463 10 97 21 368 9	8	171 6 57 273 16 14 1,871 13,124 3 18 4 4 43 13 247 5	2	104 6 30 54 54 1 3,004 2 9 1 20 5 146 5	3	28 10 13 2 140 624 3 2 2 1 1 54		7 1 14 60		3 15 100	
30 246 2,603 1 35 1 2 3 852 1 658 126 4	4 4 8	103 107 2 103 103 1 1, 327 2 818 369 4 1	4 2	1 113 115 273 9 1 8 13 7 3, 370 1, 524 1, 524 13	3 1 7 6 2	4 19 32 450 20 10 12 14 32 3,819 14 2,741 3,000 62 18	13	1 10 229 14 3 11 17 14 1, 871 12 1, 851 2, 376 42 10	2 5	1 10 108 3 4 9 36 23 889 4 889 1,518	1 2 8 6	6 50 1 2 52 17 350 2 424 724 73 3	1 1 4	2 10 1 35 11 121 105 244 2 4	1	1 9 5 12 16 32		2 6 5 4 2	
6,441 6 	728	22, 245  2 10	2, 380 3 2 1 1 1 1 125 443 14 63 1 7 951 1	84, 251  11 156 889  707 155 5 9 1, 127 44 1 123 22 7 22 279 17 27 762 5, 789 2 8 11 120 28 48 48 244 738 287	6, 111   8   17   3   19   9   1   1   18   19   3   2   435   1, 217   16   162   2, 908   7   7   18   18   19   10   10   10   10   10   10   10	164, 897  163 1, 445 4, 747 1, 186 519 176 175 498 70 6 5 9 832 30 170 1,044 7,895 62 62 14 205 9 1,352 200 400	5, 448  3, 25 23 1 10 10 1 1 51 2, 274 2, 35 2, 35 2 4 1 2, 35 2 4 2, 35 2 4 2 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	386 387 387 388 387 387 387 387 387 387 387	2, 585  2 23 28 3 3 61 25 31 274 641 2 2 41 2 2 1 6 3 3 815	103, 478  454 2, 607 4, 997 235 287 111 100 97 438 29 4424 12 144 364 2, 718 3 30 8 120 120 130 231 301 505 24 162	943  23 12  1  1  24 34 10  3 102 225 1 1 1 214 1	43, 892  288 1,188 2,321  \$5 107 8 153 44 42 20 6 166  170 1,341 2 2 100 8 8 38 13 164 225 3 119	255 2 7 11 1 4 1 25 48 3 1 1	11, 803  108 2877 517 18 15 31 81 135 22 11 140	2 2 1 1 2 2 7 7 1 1 4 4	988 11 49 20 3 1 1 2 1 45 45	11	1 1 1 1 3 3 3 3 3 3 3 3	11 3 2 2 6 6
3 5 2 36 6		48 20 63 46 18 5 5 	3	1 179 188 472 10 320 2 41 14 3 3 2,415 1,202 420 7 285 3,385 674	5	1 612 - 675 - 894 - 7 - 953 - 4 4 8 28 - 7 5,550 - 3,651 - 1,548 - 10 - 601 - 8,590 - 1,724 - 72	5	2 1,062 887 848 25 1,190 4 13 29 4,582 2,640 1,986 18 598 8,775 1,979 17 77 77 77 77 77 77 77 77 77 77 77 77	2	997 570 - 635 - 27 1, 124 - 9 13 - 13 9 - 13 1, 567 - 1, 093 1, 097 - 8		3   616   210   268   12   596   12   596   2   276   1,047   4   102   2,561   391   391   1	1	250 43 76 218 218 3 2 1 49 52 360 3 19 658		27 2 4 18 1 1 2 3 27	1	2 1 1 2 5 9 8	

<sup>&</sup>lt;sup>3</sup> Includes, also, chemical and metallurgical engineers.

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

=				- Partional	r each indus	ary are pr				вгоиры. т	opiiotai,	, omeran
	INDUSTRY AND OCCUPATION	Total	3/501-	Female	NATIVE	WHITE	FOREIG: WH	N-BORN ITE	NEC	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	remate	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES-Continued		-									
1 2 3 4 5 6 7 8 9 10	Blast furnaces and steel rolling mills—Con.  Molders, founders, and casters (metal): Brass molders, founders, and casters. Iron molders, founders, and casters. Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Rollers and roll hands. Sawyers. Skilled occupations (not elsewhere classified) 1. Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	4, 860 91 2, 278 4, 458 27, 958 225 1, 521 2, 256 9	9 4, 860 91 2, 278 4, 458 27, 958 225 1, 520 811 2, 256 0	1	6 2, 594 53 1, 843 3, 181 10, 771 149 1, 005 644 1, 450		1, 680 26 431 1, 208 6, 890 415 157 795		1 518 10 3 61 1,080 13 38 9 7		68 2 1 8 217 4 2 1 4	
12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	Apprentices:  Designers' and draftsmen's apprentices.  Electricians' apprentices.  Machinists' apprentices.  Machinists' apprentices.  Other apprentices.  Buffers and polishers (metal). Charwomen and cleaners. Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Enamelers, lacquerors, and japanners. Filers (metal). Firemen. Furnace men, smelter men, and pourers. Grinders (metal). Guards, watchmen, and doorkeepers. Heators. Heators. Housekeepers and stewards <sup>2</sup> Janitors. Laborers. Oilers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Policemen Portors. Puddlers. All other occupations.	81 59 390 835 599 57 3, 301 133 166 168 1, 855 3, 331 11, 937 1, 652 235, 720 2, 017 106, 664 1, 174 1, 174 137 1, 277 7	81 59 390 833 590 23 3, 361 128 166 4, 087 8, 561 1, 684 3, 331 11, 937 1, 883 234, 524 2, 017 103, 575 1, 775 1, 174 137 1, 174 137 1, 327	2 9 3 34 5 2 2 1 1 202 3,080 15 7	80 56 362 756 363 4 2,556 154 154 154 187 197 1,949 887 100 7,965 11,25 62,906 1,125 62,906 1,035 1035 105 11,25	2 5 13 4 2 2 7 727 722 2, 552 13	2 27 27 68 206 144 468 47 47 467 2,008 3,627 33 3,035 633 221 21 30 50 50 50 50 50 50 50 50 50 50 50 50 50	4 18 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 7 7 20 5 326 44 8 8 1 4 625 5 927 208 70 320 2 517 38,709 70 6,763 70 0 2 90 76	1 1 206 98	1 2 1 11 11 10 46 107 18 3 25 10 9, 106 40, 400 781 17	21
38	Car and railroad shops 3	225, 638	223, 511	2, 127	159, 379	1, 765	44, 903	226	16, 148	131	3, 081	5
39 40 41	Owners, operators, and proprietors. Managers and officials. Foremen and overseers	26 782 7, 296	776 7, 269	6 27	23 688 6,148	8 20	3 88 1,048	8	55	1	18	
42 44 45 46 47 48	Chemists, assayers, and metallurgists.  Civil engineers and surveyors.  Designers.  Draftsmen  Electrical engineers.  Mechanical engineers.  Trained nurses  Other professional pursuits	48 33 12 701 94 166 16	47 33 12 695 94 166	6	41 28 12 582 83 139 3	5	111 10 26	1	1		2	
50 51 52 53 54 55 56 57 58 59 60 61 62	Accountants and auditors	296 79 525 5, 542 27 251 111 60 51 170 793 23	283 79 423 5,096 27 245 44 60 109 115 23 9	13 102 446 6 67 2 1 678	261 78 386 4, 505 26 207 41 55 44 136 108 17	13 90 434 4 63 1 1 680	22 5 35 378 1 7 2 5 4 26 6		1 93 29 1 7 7 1 4	1	1 1 30 2	
63 64 65 66 67 68 69 70 71 72 73 74 75 76 77	Blacksmiths. Boilermakers Brick and stone masons and tile layers. Cabinetmakers Carpenters. Compositors, linotypers, and typesetters. Coopers Coopersmiths Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary). Forgemen and hammermen Machinists. Mechanics (not otherwise specified) Millwrights. Modders founders and content (receiv).	5, 685 12, 477 107 929 18, 003 22 51 270 1, 069 2, 392 727 2, 668 35, 835 4, 215 428	5, 685 - 12, 477 - 107 -	2	3, 860 9, 638 427 12, 380 28 28 230 2, 136 2, 136 2, 170 29, 746 3, 181 3, 181 25		5, 195 621 100	2			61 189 1 123 3 3 5 2 9 293 125	
79 80 81	Brass molders, founders, and easters.  Iron molders, founders, and easters.  Other molders, founders, and easters.  Painters, glaziers, and varnishers (building)  Most of these were returned as metal "annealers," "h	1, 205 30 92 ardeners.'' "	1, 205 30 92 temperers.''	'testers	756 23 77		351 4 9		91 2 4		7   1   2	

<sup>2</sup> Includes hostesses and matrons.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

TO 17	YEARS D	18 AN YEAR	D 19	20 TO 24 OL		25 TO 34 OLI	YEARS	35 TO 44 OL	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OLI	YEARS	65 TO 74 OI	YEARS D	75 YE AND C	OVER	UNKN	OWN
Male	Fo- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
		<del></del> .				• •	· ·						. 10,1	i.					
		79		450		1 1, 168		2 1. 575		1 1, 070		5 421		94		8		1	
 		73 6 81 84 1,064 8 98 21 52		450 13 346 536		34 613		1, 575 18 546 1, 359 7, 734		386 834		7 225 297		76 51		5 2 11		4 12	
		1, 064 8	1	4,718 28 284		1, 291 8, 913 62 376		369		3, 986 45 246		1, 331 27 121		189 9 24		2		1	
		21 52		110 254 2		231 640 2		233 684 1		122 394 4		66 183		24 26 44		4 		1	
53 28 217 251		13 11		13 14		2 5 9		<u>î</u>								: 			
217 251 3		13 11 83 248 30 1	1	13 14 80 264 97	2 2 3	56 157 4	3	11 145	2 11	3 95 8	1 10	47	5	15	<u>1</u>	1		-	
1 21 5		166	1	726 45 10	 	1, 402 71 13		648 41 12 27 37		306 42	<u>1</u>	80 25 36 1		15 3 12 8 27		1 1			
1 4 4		166 7 5 14 7 87 246 58	1	20 20	2	68 39 908		27 37 1, 223		23 9 22 1,035 1,514 263 730 2,515		1 16 471 474		.1 6		11		- 2	
78 12		246 58		1, 081 257 35 956 2		2, 526 491 192		1, 223 2, 553 469 357		1, 514 263 730	i	1 101		103 79 31 758 112 2 293 4,385 58 1,421 37		101		2	
39		193		956 2	1	3, 152 3	10	357 4, 076 2 255	6 21 210	2, 515 3 344	10 16 108	435	2 18 38	112 2 293	1 2 15	35		- 8	-
3, 146 18 1, 462 33	79	10 10, 454 126 4, 243 72	185	34,832 329	289 957	156 59, 848 441	10 271	255 63, 569 405 27, 688	210 387 3	344 40, 993 413 16, 170 248 334 37	108	16, 704		4, 385 58 1, 421	15	336 3 102	1	62	
1, 462 33	286 1		569 2	15, 955 294 13	6	30, 285 463 170	660	495 260 36 334	3	248 334 37		0, 187 119 253 18 309		_l 6		3 11 1		2	
2		8		11 61		24 156	2	334	3	356	1	309	-	98	. i	6	-	. 1	
1, 540	79	5, 305	184	22, 910	522	55,965	672	60, 994	390	45,981	193	7	68	<del></del>	13	545	4	= ====	-
2		2 4		9 9 95	3	1,000		213 2, 271	8	247 2,194	9	178 1,315	3	363	1	23		2	
	-	3		7 2 1		16 12 4	1	17 10 4		8 1		- 1 2		9					-
 	-	41		139 6 4	1	240 29 31	4	164 25 66	1	75 16 45		26 13 15		5 5				-	
 				1		4	1	4	5	3	1 _	- 1		6	-	2			-
		19	5	22 3 65 907	30 111	90 20 138 1,634	34	91 21 99	I	45 18 68 625 7		- 14 25	3 7	1 6 152	2	2 10		ii	-
64 84		224	38	907 1 44	<u>2</u>	24	1	1, 067 11 12	10	7 9 2		- 10		- 3		i			
2	2 2		. 9	$-\frac{1}{4}$		10 16 15	27	5 24 19		12	1	_ 5		1					
4	16	_ 4		_  35		54 28 4		25 10 8	78	30 7 5	17	3	- 6						
	-	34		243		979		1,620 4,180		1,468	1 .	960		350 261 9		28 10		3 2	
		109		748 8 69		3, 207 16 159 3, 271		32 215		1, 468 2, 755 34 222		1,205 7 154 2,677		9 95 868		7 65			-
33		162		1,069		3, 271		5,095 5		4,754 1 15		- }		5 7		1			
2		28		25 126 367 25	2	79 385 904		93 334 654		138 323		13 21 54 88		14 14 47				1	-
		- 42 - 37	,	25 344 3,234		127 1,002 10,705		209 807 9,945		190 347 7, 137		124 98 3,422 343		. 19		62		21 21 3	
		398		- 3, 254 - 452 - 8		1, 201		1,233		809		46		911 93 21		i			-
				67		238		_ 12 355		16 299 7		183 183 7		3 44		2		2	
				14		15 nerators' r				28		7	l	_ 2	 workers	on stea	n and :	street 1	ailro

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

					NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES—Continued  Car and railroad shops—Continued.  Pattern and model makers	522 4,352 27 36 1,812 288 953 29	522 4, 352 27 36 1, 812 288 946 29	7	417 3,718 10 23 1,460 209 638 17		105 545 3 12 326 76 267 11	5	68 8 1 23 2 38 1		21 3 1 3	
9 10 11 12 13 14 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 33 34 34 34 34 36 36 36 36 36 36 36 36 36 36 36 36 36	Apprentices: Blacksmiths' apprentices. Bollermakers' apprentices. Carpenters' apprentices. Electricians' apprentices. Machinists' apprentices. Plumhers' apprentices. Plumhers' apprentices. Tinsmiths' and coppersmiths' apprentices. Other apprentices. Buffers and polishers (metal) Charwomen and cleaners Chauffeurs and truck and tractor drivers. Draymen and teamsters. Filers (metal) Firemen (except locomotive). Furnace men, smelter men, and pourers. Grinders (metal) Guards, watchmen, and doorkeepers. Heaters. Janitors Laborers. Oilers of machinery. Operatives. Paliters, glaziers, and varnishers (factory). Policemen. Porters. All other occupations.	240 1111 560 1,138 555 1,002 1004 30 337 24 143 9008 142 114 714 251 382 37,789 790 65,008 4,716 59	240 111 56 1,137 55 1,000 102 14 337 24 142 906 142 114 714 251 363 37,542 799 64,573 4,695 59	1 2 2 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	555 219 98 52 1,088 54 44 938 63 7 209 14 98 511 82 65 508 173 98 19,019 490 45,423 3,203 47 10 34	1 1 2 10 4 99 322 13 3	4 17 8 4 30 2 30 33 8 40 5 41 115 22 8, 105 122 22 8, 105 11, 115 12 14 17	1 5 50 84 8 8	1 1 2 1 1 3 6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 3 1 8 8 3 0 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 20 20	2 4 4 4 4 1 10 6 1 1 1 8 1 1 8 1 7 7 7 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	2
35 36 37	Ship and boat building	93, 487 054 922	92,094 650 916	1, 848 4 6	59, 109 500 780	1, 2.8 3 6 3	24,751 149 136	100	7,605	23	629	2
38 39 40 41 42 43 44 45 46	Managers and officials Foremen and overseers Chemists, assayers, and metallurgists Civil engineers and surveyors Dosigners Draftsmen Electrical engineers Mechanical engineers Trained nurses Other professional pursuits	1, 500 26 102 37 1, 331 97 219 15	1,563 26 102 37 1,321 97 219 3 19	10	1, 137 23 83 28 1, 020 79 163 3 15	8	401 3 19 9 292 18 56	2	21		3	
47 48 49 50 51 52 53 54 55 56 57 58	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Clarvassers Clerks Commercial travelers Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Salesmen and saleswomen Salesmen and saleswomen Stepping clerks Stenographers and typists Weighers Other olerical pursuits	235 45 644 15 2, 845 23 113 58 110 86 146 672 50	230 45 485 15 2,490 33 99 25 110 85 145 60 50	159 355 14 33 1 1 1 612	212 41 411 9 2, 227 27 27 27 102 96 102 54 30 9	152 333 14 31 1 575	18 4 72 6 229 5 4 3 14 10 38 6 7	22 2 37			2	
61 62 63 64 65 67 68 69 70 71 72 73 74	Blacksmiths Boilermakers Brick and stone masons and tile layers Cabinetmakers Carpenters Coment finishers Compositors, linotypers, and typesetters Coppers Coppersmiths Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary)	1, 076 2, 387 50 321 14, 793 17 18 50 395 555 2, 040 967 161 8, 510	1, 076 2, 387 50 321 14, 792 17 18 50 395 555 2, 049 957 101 8, 510	1	528 1, 723 22 136 8, 555 7 271 271 450 1, 796 678 120 5, 849 2, 554		480 620 22 185 5, 849 2 2 15 120 86 249 262 32 2, 596 818		65 38 6 1 349 8 2 2 19 2 15 4 51 67		2 2 2 5 14	
75 76 77 78 79 80 81 82 83 84 85 86	Forgemen and hammermen.  Machinists.  Mechanics (not otherwise specified)  Millwrights  Modets, founders, and easters (metal):  Iron molders, founders, and easters:  All other molders, founders, and casters.  Painters, glaziers, and varnishers (building)  Pattern and model makers.  Plumbers and gas and steam fitters.  Sawyers.  Tinsmiths and sheet-metal workers.  Toolmakers and die setters and sinkers.  Upholsteres.  Other skilled trades.	3, 445 101 294 30 188 676 2, 746 52 949 204 41	3, 445 101 294 30 188 676 2, 746 52 949 204 40	1	2, 554 71 210 20 130 531 2, 274 43 757 145 20	1	818 29 65 7 38 141 439 6 187 58 20		19 3 13 4 29 2 2		1 4 1	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES-Continued

0 TO 17	YEARS	18 AN YEAR	D 19 S OLD	20 TO 24 OI		25 TO 34 OLI		35 TO 44 OL	YEARS D	45 TO 54 OL	YEARS	55 TO 64 OLI		65 TO 74 OI.		75 YE AND (	ARS OVER	UNKN	OWN
VI ale	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- niale	Male	Fo- male	Male	Fe- male	Male	Fe- male
		10		76		113 1, 372		106 1, 259		89 865		77 338		41 59		10 3		1	
		56 2		399 4 3		8		10		2 5		1 7 198		1 5 60		5		3	
		35 7		163 19		491 66 229		504 88 224	2	347 53 171	2	42 122		11 34	<u>i</u> -	2 5			
8		24		131	1	9		9		- 3		3		5		<del>-</del>			
17 49		18 62		18 92		7 27		3 7		2		1							
21 16		62 35 17		39 22		16 1				4									
171 12		336 15	1	521 17 16		101 11 5													
9 141	2	15 333 4		428 8		82 23		18 25 2	1	27 27 2	5	11 3	1	2		2 1			
4		4 2 14		1 88	3	123	3	62	4	32 5		10		4	!	2			
<del>-</del> 7		2 8		4 14		$\begin{array}{c} 2\\24\\227\end{array}$		3 23 262	1	28 203		22 112		13 32		3 2		4	
3		5 3		56 10		32 31		23 262 41 33		31 21		17 13 206		7 5 181		18		2	
		2 3 23		13 58		48 61		- 52		154 28 79	7	7 103	3	67		8		1 1	
17 4 483	15	1, 539	21	5, 480	35	39 9, 274	3 53	9, 100 188	6 61	6, 840 160	40	1 2 414	17	1,262 33	2	124	$\begin{vmatrix} 1 \\ - \frac{1}{2} \end{vmatrix}$	26	2
3 353	2 <sub>1</sub>	14 1, 292 120	36	6, 405	78	222 16, 342 1, 099	117	18, 471 1, 240	100 6	13, 691 969	51 5	6, 228 581	24 2	1,660 163	6	105 14		26	
31	2	120	1	478 1 12		8 30		11 27 10		22 23 12	3	85 6, 228 581 11 12	<u>î</u>	6 4	i	1			
		1		3	393	10 22, 305	466	23, 206	192	17, 836	68	9, 934	34	3,437	8	469	4	70	1
1, 342	44	3, 110	133	10, 385	1	72 143	1 1	145	1 3	184 262	1 2 3	162 152 262	1 1	71 38 70		10 6 12	1	1	
		4 5		25 43		229		286 482 4	3	458 5	3							-	
		1		8 2		13 18 12		38 11 367		5 23 6		12	i	. 3 1 17				i	
	-	36		173	1	440 20	4	367 38 63	2	6 208 23 59	2	79 7 28		1 4		2		-	
	-			20		43	3	53 2 7	8	1 5	1	1	-	ii	-				
		. 1		1	1	63	1	ì	1	47 7	2	26		. 3		. 1			
	-	1	17	15 1 63		10 147	56	74 21 115	19	85	12	5 51 2	8	6	2	i			
2 54	10	.		380		680	142	508 11	60	395 5	24		6	86	1	4	2		
54	_		8			10 3 5		2 4		5 2		_ 1					-	-	
3	4			6 3		.] 36		33 22		18		- 4		-	<u>i</u>				
2	20	- 2 - 8 5		27	`   <u>-</u>	16	224	40 5	68	1 ,2	11		_ 2						
	-			- 12		1 1	i	10		. 2		-		70	. 8 5	7	-	1	
		. 5		_ 56 145				276 794		508				47	ļ	7		2	
		- 28 1 5		2		7 67		15	1	1 69		42		31				6	
30			5	- 997		2,677		. 9	1	2		$\frac{1}{2}$						-	
		- 2		- 8		9		13		79		49		. 16		2			
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2		- 79	ļ ]	47	7	194 60		269		- 17		- 12		1 211		15		- 4	
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		] 19		[ _8:	3   1   4	- 198 - 844		170 758	)	114	5	214		37		3 2		2	
		6	8	, ,	4	10 283		23	Z	_ 138	3	- 84 22		21 10			-		-
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		· 1		31	7	_1 11		-1 '	- 1	,	,	-							

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIGI WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES—Continued  Ship and boat building—Continued.  Apprentices: Designers' and draftsmen's apprentices	35	35		32		2		1			
2 3 4 5 6	Carpenters' apprentices  Electricians' apprentices  Machinists' apprentices  Plumbers' apprentices  Tinswiths' apprentices	43 53 134 44 33	43 53 134 44 33		41 50 128 42 32		2 6 2		2		1	
7 8 9 0 1	Other apprentices.  Buffers and polishers (metal). Chauffeurs and truck and tractor drivers. Draymon and teamsters. Filers (metal)	45 50	323 32 397 45 50	.1	299 25 305 23 36	1	18 6 41 7 14		6 1 51 15			
2 3 4 5	Furnace men, smelter men, and pourers	352 39 23 806 157	352 39 23 806 157		196 23 13 566 115		93 15 8 219 23		57 1 2 19 19		2	
7 8 9 0 1 2	Janitors. Laborers Oilers of machinery Operatives Painters, glaziers, and varnishers (factory) Policemen	145 17, 352 80 19, 969 3, 025 63	138 17, 325 80 19, 904 3, 018	7 27 65 7	57 8, 047 58 12, 714 2, 027 55	50 4	25 4, 351 15 5, 236 804 7	$\begin{array}{c} 1\\3\\1\\1\\2\end{array}$	53 4, 549 7 1, 855 154	17 2 1	378 378 99 33	
3	All other occupations	33 47	33 32	15	6 14	7	8 12	6	19 5	2	1	
5	Wagon and carriage factories	9,144	8, 541	603	5,991	480	2,249	121	286	2	15	-
6 7 8	Owners, operators, and proprietors	318 252 266 20	316 247 261 20	2 5 5	222 225 211 17	1 4 5	94 21 49 3					
1 2 3 4	Accountants and auditors.  Bookkeepers and cashiers.  Clerks.  Commercial travelers.	17	15 15 75 132	2 65 43	11 14 70 123 24	2 63 39	4 1 5 6		2			
5 6 7 8	Furchasing agents. Salesmen and saleswomen. Shipping clerks. Staeographers and typists. Other clerical pursuits.	18	25 17 44 93 10 20	3 121	15 43 81 10	1 2 116	1 1 12	1 5				
	Other derical pursuits.  Blacksmiths. Cabinetmakers. Carpenters. Engineers (stationary). Forgemen and hummermen.	865 37	865 37 278 43	2	20 479 20 187 37	2	349 17 85 6		35 4		2	
5 3 7	Forgemen and hammermen.  Machinists.  Mechanics (not otherwise specified).  Millwrights.  Molders, founders, and casters (matal).	11 280 514 51	11 280 514 51		6 230 381 33		5 48		2			
3	Machinists Mechanics (not otherwise specified) Millwrights. Molders, founders, and casters (metal): Iron molders, founders, and casters Other molders, founders, and casters. Painters, glaziers, and varnishers (building) Pattern and model makers. Sawyers.	38 5 16 17 39	38 5 16 17 39		18 3 14 13 31		17 2 1 4 6		1			
3	Tinsmiths and sheet metal workers.  Toolmakers and die setters and sinkers.  Upholsterers.  Other skilled trades.	16 27 166 24	16 27 98 24	68	11 16 72 18	47	5 11 26 5	21	1			
3	Apprentices. Chauffeurs and truck and tractor drivers Draymen and teamsters. Firomen Guards, watchmen, and doorkeepers.	31 68 22 55 66	24 68 22 55 66	7	21 53 12 38 48	4	3 8 2 13 14	3	7 8 4 4			
3	Laborers. Operatives. Paintors, glaziers, and varnishers (factory). All other occupations.	1, 419 2, 766 689 62	1, 406 2, 517 672 62	13 249 17	996 1,621 511 36	172 13	253 869 152 17	4 75 4	153 25 7 9	2	4 2 2	
3	Other iron and steel and machinery factories 1.	1, 213, 548	1, 118, 796	94, 752	794, 314	83, 633	279, 156	10, 281	40, 833	785	4, 493	58
	Owners, operators, and proprietors.  Managers and officials.  Foremen and overseers.  Chemists, assayers, and metallurgists.	14, 400 34, 563 35, 933 1, 273	14, 283 33, 927 35, 113 1, 249	117 636 820 24	11, 200 30, 106 28, 085 1, 133	96 591 711 22	3, 056 3, 811 6, 823	21 45 107 2	14 6 180	2	13 4 25 1	
	Civil engineers and surveyors.  Designers  Draftsmen  Electrical engineers  Lawyers.	1, 529 337 17, 125 1, 347 128	1, 529 332 16, 961 1, 347 127	5 164	1, 304 250 14, 262 1, 168 119	5 138	220 82 2,663 177	26	16		20 2	
	Lawyers.  Mechanical engineers <sup>1</sup> Mining engineers <sup>3</sup> Photographers.  Social and welfare workers.  Trained nurses	9, 384 216 104 27 162	9, 384 216 95 19 20	9 8 142	7,622 195 85 16 19	8 7 120	1,749 21 10 1	1 21	6	1	7	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 1	7 YEARS	18 AT YEAR	ND 19 S OLD	20 TO 24	YEARS	25 TO 34 OL	YEARS .	35 TO 44	YEARS	45 TO 54 OI	YEARS D	55 TO 64 OL	YEARS D	85 TO 74	YEARS	75 YE AND C	EARS OVER	UNKI	GE NOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
			<del></del>										-		<sup>-</sup>				-
	( (				1					<u> </u>									
14		13 8		6		2 2	 						 						
22 30 52		12 34 13		10 45		3		i											
21 24 119		13 4 97		9 5 100		1													
<del>-</del> 4		13		4 69		153		100		5 46		6 12		1					
		5		0 2 23		13 4 80		12 10 90		7 11 77		13 53		3 10 17					
1				4		6 4		13 6		9		6 3		2		1			
26		20 20		18 51		49 47 10		98 8		183 3		253 1 34		168 1 24		35			
497 2		1,060	2	2, 825 14	4	4.440	1 10	3, 907 18	3 6	36 2, 756 10	3 1	1, 247 9	3	419	1	62		22	
343 32	8	764 93	9	2, 415 388	16 1	23 5, 165 771	8	18 5, 185 737 20	11 2	3, 598 537 22 10	4	1, 793 335 13	7	560 113 5	1	69 11	1	17	1
· · · · · · · ·		2	ī	2 2	2	3 10 2	2	8	3	10 6	2	9	4	3	1	1			
208	43	281	78	768	165	1, 560	159	1,735	94	1, 665	48	1, 846	12	785	3	187	1	11	
				1 6 5		19 36 42	1 1	47 65 77	1 1 3	85 67 76	1 2	86 52 48	i	56 17 10		21 3 3		1	
	 	1		6 2		10		2 2		1 2		2		i					
<u>1</u>	1	3 7	4	2 11	13	4 34	1 22	6 14 24	<sub>11</sub> -	2 9	10	2 10	3	1 1			<u>i</u>		
6	1	7	6	36	17	33 5 3	12	24 6 9	6	14 6	1 	10		2					
		2 8	1	8 11	i	12		7 21		7 15	1	13		4 3					
4	2 1	1	19	3 2	47 1	22 3 2	40	5	10	3	2 	3	1		·	 			
		2 * 4		21 3 15		98 9 48		219 7 54		236 10 67		177 6 40		92 2 37		19 10		1	
		i		1		4 1		9		12		9		37		1			
		9		29 30 4		63 68 8		80 96 4		42 84 15		37 103 10		18 87 10		2 36		1	
						4		14		16 2		2		2					
		1		3 2		3		2 7		4		4 2				1			
		1 2		2 3 2		12 3 8		6 3 9		5 3 3		9		3 2 2		1 			
3		2 1	5	9 5	20	22 7	14	22 6	16	12 3	9	$\begin{smallmatrix} &&1\\&&9\\&&1\end{smallmatrix}$	3	16 1	1	4		1	
20 2	7	1 3		2 12		28		11		10		1 2							
				$\begin{array}{c} 1 \\ 1 \\ 2 \end{array}$		4 6 2		2   14 9		10 18 8		1 2 10 24 157 372		3 6 19		<u>2</u>			
58 96	28 3	99 104	3 34	196 263	4 58	303 505	63	254 470	3 42	242 413	3 18	157 372	4	84 226	2	10 67		3	
11	3	18 1	6	64 4	3	105 17	5	129 10		148		127 13		63 10		7			
9,465	6, 085			140, 998	30, 067	292, 687	26, 095	284, 261	12, 420	197, 730	5, 080	101, 520	1, 533	34, 781	317	4, 218	38	845	55
14	4	13 34 92	1 6 28	170 786 <b>1,</b> 251	68 138	1, 788 7, 056 7, 938	156 261	4, 018 11, 982 11, 533	36 183 218	4, 145 8, 571 8, 907	32 151 117	2,704 4,039 4,180	26 53 40	1, 223 1, 260 1, 081	9 17 11	210 174 87	2 2 2	12 25 30	<u>i</u>
		60		249 106	7	478 467	12	295 468	4	122 304		34 146	1	9 34		1 4		1	
		1,023	2 11	39 3, 985	43	0, 549 452	2 59	96 3,326 417	35	1, 443 247	1 11	14 463 76	4	10 140 24	1	1 25 2		7	 
				129 6 610	i	47 2, 984		2 000		20		721		4 (		21		8	
2	i	3		22 14	1 2	85 21	5 2	72 23 9 8	2 1 40	30 8 5 7		5 16 2 2	i	210 2 7 2		·i			
				i		1 2	62	8	40	ř	2 20	2	4		1				

<sup>&</sup>lt;sup>3</sup> Includes, also, chemical and metallurgical engineers.

# Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

					NATIVE	WHITE	FOREIGI WH	N-BORN ITE	NEG	ro	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES—Continued  Other iron and steel and machinery factories—Continued.							0.00				
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	tories—Continued. Accountants and auditors Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Clerks Collectors Commercial travelers Credit men. Messenger, errand, and office boys and girls Office appliance operators Purchasing agents. Saless agents. Saless agents. Salesnen and saleswomen. Shipping elerks Stenographers and typists Weighers	6, 128 3, 396 16, 500 311 55, 332 432 12, 883 1, 717 1, 924 1, 444 2, 196 14, 422 10, 717 26, 512	5, 604 614 8, 320 7, 623 276 40, 174 413 12, 828 306 2, 120 363 14, 269 16, 269 17, 487 1, 375	464 42 76 8,877 35 15,158 16,158 102 1,138 76 3 153 230 25,137	5, 180 2, 991 6, 996 263 30, 213 30, 213 30, 213 12, 021 1, 684 277 1, 990 13, 244 8, 702 1, 302	437 41 69 8, 347 34 14, 304 17 47 1, 066 73 3 148 200 23, 926	483 45 312 615 22 3,796 52 701 42 90 24 128 39 1,002 1,601	27 1 5 522 1 847 2 8 2 4 72 3 3 	1 7 6 1 137 8 47 5 1 1 4 171 3	2 3 5 	1 10 6 28 13 1 1 2 19 13 5	5
167 189 201 223 245 226 728 290 331 233 345 6 738 90 441 243 445 467 45:	Blacksmiths.  Boilermakers. Brick and stone masons and tile layers Cabinetmakers. Carpenters. Cament finishers. Compositors, linotypers, and typesetters Coppers Coppers Coppersmiths. Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary). Engravers. Forgemen and hammermen. Goldsmiths and silversmiths Loom fivers. Machinists. Mechanics (not otherwise specified). Millwrights. Molders, founders, and casters: Brass molders, founders, and casters. Iron molders, founders, and casters. Iron molders, founders, and easters. Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Rollers and roll hands. Sawyers. Skilled occupations (not elsewhere classified). Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Upholsterers. Other skilled trades.	28, 012 12, 931 1, 931 1, 087 5, 870 27 6, 870 289 100 289 17, 504 9, 261 14 110 208, 181 47, 992 5, 339 116 52, 411 18, 877 6, 385 612 364 2, 572 7, 021 27, 490 27, 490	362 26, 012 12, 081 1, 087 5, 870 27 600 289 9, 260 9, 260 428 9, 471 109 208, 181 47, 070 5, 330 116 52, 400 218 8, 872 6, 355 612 2364 2, 564 7, 920 27, 486 612 27, 486	50 50 50 174 1 13 22 55	267 15, 839 9, 242 288 608 4, 013 14 538 166 68 166 6, 440 7, 275 7 7 800 0, 941 148, 486 30, 477 3, 832 70 29, 865 196 6, 199 118, 467 7, 707 118, 467 1199 118, 467 18, 467	51 65 05 1 11 2 2 8 1 4 8	73 8, 473 3, 373 214 476 1, 797 7 59 35 1, 218 1, 033 1, 809 1, 218 1, 058 1, 476 40 17, 940 11, 777 1, 047 20, 75 20, 76	88	22 1, 409 232 31 3 50 6 2 2 3 1 230 25 74 111		201 84 2 10 11 6 12 40 388 246 3 304 1	
501233455678906634566777777777777777777777777777777777	Apprentices:  Designers' and draftsmen's apprentices Blacksmiths' apprentices Boiler makers' apprentices Belier makers' apprentices Electricians' apprentices Machinists' apprentices Tinsmiths' and coppersmiths' apprentices Other apprentices Buffers and polishers Charwomen and cleaners Chautleurs and truck and tractor drivers Draymen and teamsters Elevation tenders Enamelers, lacquerers, and japanners Filers Firemen Furnace men, smelter men, and pourers Grinders Guards, watchmen, and doorkeepers Heaters Housekeepers and stewards ' Janitors Laborers Oilers of machinery Operatives Painters, glaziers, and varnishers (factory) Policemen Porters Puddlers	28 387 227 188 44 6, 852 50 98 2, 845 10, 013 118 7, 108 507 709 1, 774 2, 875 4, 284 2, 885 13, 092 5, 806 1, 422 5, 806 1, 428 1, 112 248, 911 7, 384 1, 112 248, 911 7, 384 1, 112 1, 112 1, 112 1, 112 1, 114 1,	28  381 227 188 84 6, 851 50 98 2, 826 9, 586 7, 108 677 1, 575 2, 561 4, 284 2, 895 12, 727 5, 703 1, 421 22 2, 720 167, 534 1, 107 213, 952 7, 040 667 7, 149	305 11 22 32 199 114 365 13 1 1 64 91 4, 280 34, 959 354 1 1	21 367 174 81 6, 310 48 91 2, 578 5, 688 360 1, 164 1, 819 2, 273 3, 461 8, 016 3, 884 90, 882 17 1, 194 90, 882 181 191 191 191 191 191 191 191	10 329 30 11 25 167 100 265 11 51 63 3, 241 4 28, 306 287 1	7 14 15 11 3 508 2 7 209 3, 685 10 803 93 280 392 716 1, 533 401 1, 533 401 55, 746 1, 787 37 171 38	2 3 95 28 32 14 95 2 1 11 17 709 6,227 62 1	3			13

<sup>1</sup> Most of these were returned as metal "annealers," "hardeners," "temperers," "testers," or "treaters."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 17 YEAR OLD	S 18 AI YEAR	ND 19 B OLD	20 TO 24	YEARS	25 TO 34 OLI	YEARS D	35 TO 44 OI	YEARS	45 TO 54 OL	YEARS	55 TO 64 OL:	YEARS D	65 TO 74 OI	YEARS D	75 YE AND C	ARS OVER	UNKN	e own
Male Fe-	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1	2 3, 340, 8 62 3, 340, 8 62 3, 340, 8 62 3, 340, 9 7, 120, 120, 120, 120, 120, 120, 120, 120	39 1 1792 1,803 	674 104 181 1,815 1,825 9,394 52 751 137 76 187 9 1,290 492 492 492 492 492 494 1,180 849 1,180 606 606 606 1,317 2 2 4,307 1,902 1,	888 100 2,530 4,962 2 3 6 35 456 113 10,328 23 23 20 44 4 4 1 22 2	2, 087 251 2, 584 2, 584 3, 833 256 35 57 730 83 4, 604 2, 833 358 87 3, 472 2, 981 100 243 950 243 950 181 2, 843 2, 473 3, 331 1 27 59, 096 15, 070 1, 065 23 12, 382 48 27 2, 190 1, 835 145 78 667 2, 269 8, 464 27 10	167 20 22 3, 047 8 4, 685 8 8 14 16 6 9 422 32 2 61 5. 8 9 13 13 17 7 7 1 1 1 2 2 2	1, 644 1, 73 1, 750 1, 383 6, 827 2, 4, 046 2, 034 1, 105 1, 383 1, 105 1, 383 1, 105 1, 383 1, 105 1, 383 1, 105 1, 385 1, 567 2, 000 2, 472 1, 100 1, 312 1, 586 1, 586 1, 586 2, 115 1, 586 2, 115 1, 896 2, 115	1066 6 24 1, 499 116 1, 977 2 37 2, 025 9 10 11 11 11 11 11 11 11 11 11 11	816 64 730 767 4, 172 2, 678 119 30 25 343 96 2, 412 4, 601 401 1, 401 1, 401 1, 401 1, 401 1, 401 1, 401 1, 401 1, 401 1, 401 1, 602 1, 247 37, 850 1, 350 1, 350	51 3 15 6009 740 3 10 4 2 7 7 11 1 24 24 503 1	255 27 384 446 40 1, 133 80 1, 131 17 10 18 87 10 1, 450 76 139 1, 131 21 34 23 34 1, 187 16 10, 098 3, 655 709 1, 138 1, 139 1,	11 2 191 188 5 2 10 2 114	98 6 113 110 856 21 290 4 17 117 28 12 297 7 7 21 2, 222 61 545 45 45 45 45 45 45 45 45 45 45 45 45	2 3 25 3 25 1 2 	18 18 36 21 29 57 12 13 3 41 22 2 341 31 5 8 63 1 2 3 60 0 2 13 65 215 19 71 4 11 41 57	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	21 11 6 19 9 	13
100	271 1 320 13 13 74 64 36 78 455 10 78 11 20 9,445 38 11,656 328	1 5 55 3 1 37 22 59 	11 10 22 1, 494 7 7 18 628 ( 1, 035 9 1, 547 81 1 32 2 32 1 1, 820 46 6 23 3, 782 1 1, 996 9 6 9	7 5 97 3 3 7 58 33 1 2 4 1, 158 3 9, 616 118	5 3 21 2 2 180 2 1 106 2, 058 158 2, 821 138 66 469 476 704 225 400 225 38, 698 1, 753 17 20 153 17	108 122 100 411 119 119 118 880 118 880 118 8,202 82 11	26	777 200 2 7 28 18 18 20 20 593 5,181 42	3 2 15 16 1 1, 982 7 674 80 100 217 513 1, 246 244 244 32, 017 1, 188 2, 017 1, 188 2, 017 1, 188 31 1, 18	21 13 13 11 36 31 26 25 271 2, 237	2 1, 091 9 228 73 177 97 886 605 270 91.5 1, 976 63 4 4 745 16, 181 130 15, 764 733 54 120 23	10 7 1 4 8 3 5 110 692 3	2 1 283 2 27 1611 222 206 198 64 278 1,453 18 539 5, 265 5	1 1 1 2 4 4 24 153 2	13 1 3 3 3 7 4 79 15 5 31 214	3 6	6 .	1 6 6 14

<sup>&</sup>lt;sup>2</sup> Includes hostesses and matrons.

## Table 2.—Persons 10 years old and over in each industry or service group, by

MANUFACTURING AND

-		(III this tab	10, 110 000		NATIVE		FOREIGI WHI		NEG	·	OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	IRON AND STEEL, MACHINERY, AND VEHICLE INDUSTRIES—Continued											
1	Not specified metal industries	168, 899	161, 962	6, 937	91, 035	5, 936	50, 102	891	17, 882	182	2, 943	28
. 2 3 4	Owners, operators, and proprietors	1, 534 3, 560 4, 895	1, 521 3, 512 4, 831	13 48 64	1, 074 2, 971 3, 651	11 43 54	447 535 1, 107	2 5 10	2 58		4 15	
5 6 7 8 9 10 11 12 13	Chemical engineers <sup>1</sup> Chemists, assayers, and metallurgists. Civil engineers and surveyors. Designers. Draftsmen. Electrical ougineers. Mechanical engineers <sup>2</sup> Trained nurses. Other professional pursuits.	82 643 79 36 771 63 353 19	82 638 79 34 763 63 353 7 5	2 8	68 545 68 29 630 53 277 6	2 8	14 85 10 5 132 10 75 1				1	
14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	Accountants and auditors. Advertising agents. Agents (not eisewhere classified). Bookkeepers and cashiers. Canyassers. Clerks. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits.	575 17 107 1,690 13 4,222 207 30 122 75 225 473 1,283 1,834 117	538 16 105 987 13 8, 255 266 29 113 24 221 467 1, 264 110	37 22 759 967 1 1 9 51 4 6 19 1,724	477 14 840 840 10 2, 928 242 28 100 22 108 411 956 103 85	35 2 2 696 908 1 8 47 4 5 19 1,640	61 16 96 3 296 24 1 9 2 23 54 267 5	61 56 1 4 1 83	18 4 1 39	2 1	1 13 13 2 2 1	1
30 31 32 33 33 33 33 33 33 34 44 45 45 45 45 55 55 55 55 55 55 55	Blacksmiths Boilermakers Brick and stone masons and tile layers Cabinetmakers Canpenters Compositors, linotypers, and typesetters Coopers Coopers Coppersmiths Cranomen, derrickmen, heistmen, etc Electricians Engineers (stationary) Engravers Forgemen and hammermen Goldsmiths and silversmiths Machinists Machanics (not otherwise specified) Millverights Molders, founders, and casters Brass molders, founders, and casters Iron molders, founders, and casters Other molders, founders, and casters Painters, glaziers, and varnishers (building) Pattern and model makers Plumbers and gas and steam fitters Rollers and roll hands Sawyers Skilled occupations (not elsewhere classified) Tinsmiths and sheet-metal workers Toolmakers and die setters and sinkers Upholsterers Other skilled trades	909 525 139 46 887 75 1, 217 690 808 148 772 10 7, 873 1, 603 611 35 541 31, 697 27 2, 558 379 121 1, 217 1, 217 2, 554 1, 217 2, 556 3, 79 1, 217 1, 217 1, 217 2, 556 1, 217 1, 217 2, 556 2, 79 1, 217 1, 217 1, 217 2, 556 1, 207 1, 217 1, 217 1, 217 2, 556 1, 217 1, 21	099 525 139 48 867 36 18 87 1, 217 690 808 140 77 2, 573 1, 503 611 31, 689 27 2, 556 379 121 34 265 1, 705 1, 068	2 	522 365 61 22 540 28 11 33 772 567 601 101 514 7 5, 433 1, 033 436 26 345 16, 248 9 1, 947 286 68 1, 231 688 9 1, 331 688 9 1, 331	5	597 75 34 5 79	3	100 26 100 56 13 36 2, 621 8 8 16 19	1	9 2 3 2 2 2 24 18	
60 61 62 63 64 65 66 67 70 71 72 73 74 76 77 78 80 81 82	Apprentices:  Designers' and draftsmen's apprentices.  Machinists' apprentices.  Tinsmiths' and coppersmiths' apprentices. Other apprentices.  Buffers and polishers. Chauffeurs and truck and tractor drivers. Draymen and teamsters Elevator tenders. Enamelers, lacquerers, and japanners. Filers. Firemen. Furnace men, smelter men, and pourers. Grinders. Guards, watchmen, and doorkeepers. Heaters. Jaultors Laborers. Ollors of machinery. Operatives Painters, glazlers, and varnishers (factory). Porters. Potters. Puddlers. All other occupations.	20 107 28 664 3, 178 1, 231 107 43 233 310 942 2, 021 1, 710 998 130 296 50, 783 96 27, 889 553 71 59 35	20 107 28 650 3, 124 1, 231 107 43 194 288 942 2, 021 1, 682 997 50, 194 96 25, 501 59 25	55 54 30 22 28 1 9 594 2,388 41	18 97 27 596 1, 964 885 09 16 104 203 369 968 875 627 93 19, 479 65 16, 130 329 11 22 18	31 19 17 1 1,821 3,5	2 8 1 42 1, 135 148 23 21 86 81 87 710 759 144 103 16, 599 28 7, 654 164 12 10 6	7 8 3 6 116 512 5	12 22 189 15 5	5 119 43 1	0 1 3 14 54 16 3 1 2,089 1 270 6	14

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers."
<sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

10 TO 17 OI	7 YEARS LD	18 AN YEAR	ND 19 S OLD	20 TO 24	YEARS	25 TO 34 OL	YEARS D	35 TO 44 OI	YEARS LD	45 TO 59	YEARS LD	55 TO 64 OL		65 TO 74 OI	YEARS LD	75 YE AND (	ARS	UNK	E
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fo- male	Male	Fe- male
2, 287	429	5, 517	951	19, 069	2, 133	40, 840	1, 901	44, 772	997	30, 892	379	14, 017	121	4, 195	17	447	4	126	5
1	1	2 7 11	2 4	19 79 196	7 7	185 620 1,068	5 9 25	475 1, 212 1, 594	5 14 17	447 927 1, 212	2 8 6	277 503 586	1 5 3	94 148 150	8	22 15 11	1	1 2	
		27		5 117 8 4	1	37 253 26	4	27 133 22 9		11 69 19 7		$\begin{array}{c} 2\\ 31\\ 1\\ 4 \end{array}$		6 2		<u>2</u>			
		58	1	179 3 22	2	26 10 269 21 92	1 4	145 16 112 3	1	73 13 76 3	1	29 8 44		8 2 6		1		1	
		6		1 51	3 4	192	13	1	3 10	3 2 76	2  10	28		8		2		1	
6	22	35 1	64	1 6 225 1	211	8 21 296	1 247	174 5 39 185	2 1 139	17 92 1	60	16 69 2	14	5 21 1 60 8	2	8			
113	31	281 2 1	100	779 10 2 15	324	6 901 79 12	308	580 83 3	137 1	317 62 6	37	210 21 4	16	60 8 1 2	3	11 1		3	2
64	1	26 7 1 2	6	5 20	$\begin{smallmatrix}2\\26\\1\end{smallmatrix}$	4 6 67 157	16 1	1 78 141	1 1 2 1	39 82	2 2 1 27	1 15 27 101		1 1 11		2		1	
27 1 2	59 	1 2 59 21 10	268	221 41 21 1	732	157 361 28 27 2	513	249 13 14	116	39 82 204 3 22 2	27	101 3 14 1	8	41 6 1	1 	1			
		4 6		39 28 14		126 130 44		250 163 22		275 131   35		214 55 16		85 11 7		6			
2 1		3 10 5		7 41 9		9 126 10		13 210 7		7 237 4		7 135		99		7			
6		1 29 20 1		2 7 173 74		13 411 290		6 15 364 189		23 173   83 201		4 11 47 28		5 11 6		3			
		1 3 14		36 15 103		168 33 278	1	207 39 231	i	201 31 103 3		140 17 35		6 52 7 7		3 1 1			
		200 42 5		831 186 39		2, 070 441 118		2, 046 421 200		1, 344 258 154		636 122 82		213 25 12		30 6		3 2 1	
		1 7 460		1 60 2, 600	1	6 121 7, 329	<u>4</u>	157 10, 721	2	7 122 7, 206		56 2, 660	i	8 16 638		2 49		26	
		64 6 2		277 34 17		629 108 42		664 116 29		496 75 20		298 35 8		114 5 3		11		3	
		4 6 57		4 44 239		6 71 489	1	8 64 463	1,	6 49 273   173		6 26 133		5 46 14		3 2		2 1	
		28 1		114		5 1		1		1 4				*******					
13 72 25 279 33 11		4 19 2		2 13 1		1 2		1											
279 33 11	3	189 73 48 3	5 10	148 253 237 9	15	39 686 521 27 3	10	920 257 21	9	693 120 21	4	396 30 19 14	1	63 7 7	1 	6	1	1	
1 7 1 5	5 2	4 9	6 3	3 25 38 32	7 5	3 60 99	12 9 8 	920 257 21 4 56 72 313 540	6 3	5 33 27 239	3 1 53 181 3	14 8 31 111	1			2 1 1 5		1	
11 17 1	8	59 1	4	249 8	5	515 447 42	8	546 414 115	3 4 	473 312 214	3 1	226 133 335	1 1 2 19 47 1	38 49 248		7 2 33		ī	3
916	49 241	2, 149 1	76	17 8 6, 643 13	1 147	44 31 12, 555 26 7, 024 140	5 138	39 13, 096 19	107	9, 429 20	1 53	77 4, 050 12	19 19	248 1 63 1, 162 4 486 21 7	3	126 47	2	68	3
648 17 3	241 5	1, 347 28 5	76 385 4	6, 643 13 4, 010 89	147 612 11	7, 024 140 14 17	547 6	6,485 109 17	399 11	3, 849 59 17	151 3	1,648 47 4 4	47 1		8	47 2 1 1		7 1	8

<sup>1</sup> Most of these were returned as metal "refiners," "testers," or "treaters."

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		in this tab	ie, the occu	parions o	f each indus		FOREIGN WH	N-BORN	NEG			RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	METAL INDUSTRIES (EXCEPT IRON AND STEEL)		***************************************	·								
1	Brass mills	69, 964	63, 034	6, 930	37,038	5,788	23, 458	1, 095	2, 348	40	190	7
$\frac{2}{3}$	Owners, operators, and proprietors	1, 796 2, 807	1,760 2,746	5 36 61	535 1, 525 2, 068	33 55	148 235 669	3 6	9			
5 6	Chemists, assayers, and metallurgists Civil engineers and surveyors	202 28 36	191 28 33	11	167 25	10	24 3	1				<b></b>
7 8	Designers Draftsmen	468	463	3 5	26 389	3	6 73	<u>1</u>	1		1	
9 10 11	Electrical engineers Mechanical engineers Mining engineers 2	49 239	49 239 19		42 204 19		7 35			l		
12 13	Michanical engineers ' Mining engineers ' Trained nurses Other professional pursuits	19 18 8	1 8	17	1 7	14	ī	3				
14	Associations and puditors	303	279	24	244	23 2	35	1				
15 16 17	Advertising agents. Advertising agents. Agents (not elsewhere classified) Bookkeepers and oashiers. Clerks. Commercial travelers.	19 104 876	17 104 433	443	17 98 386	418	6 46	74	1			
18 19	ClerksCommercial travelers	3,695	2,651 312	1, 044	2, 306 289	978 1	327	66	15		3 ,	
20 21	Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasing agonts Salesmen and saleswomen Shipping clerks Stenographers and typists Weighers Other clerical pursuits	28 116	27 112	1 4	26 105	1 4	1 6		1			
22 23 24	Office appliance operators	58 116 411	11 114 406	47 2 5	9 103 380	42 2 5	111				1	
25 26	Shipping clerks. Stenographers and typists	947 1, 418	917 61	30 1, 357	745 55	26 1, 287	164	3 70	7	1	i	
27 28	Weighers Other clerical pursuits	76 12	70 11	6 1	39 10	6	28 1		2		1	
29 30	Blacksmiths	145 16	145 16		50 10		95					
31 32	Bollermakers Briek and stone masons and tile layers Cabinetmakers	30 12	30 12		11 2		19					
33 34	Corportors	290   41	290 34	7	161 28	7	5		1 1			
35 36	Compositors, linotypers, and typesetters	48 378	48 378 356		24 206		163		9			
37 38 39	Electricians Engineers (stationary) Engravers Forgomen and hammermen	356 367 181	367 180		287 282 106	i	83	 	2			
40 41	Forgemen and hammermen	59   5, 548	59 5, 548		39 3, 683		20 1,835	i	24			
42 43	Forgomen and hammermen.  Machinists.  Mechanics (not otherwise specified).  Millwrights.  Molders, founders, and easters.  Pattern and model makers.  Plumbers and gas and steam fitters.  Rollers and roll hands	820 373	818 373	2	510 240		296 132		i		3	
44 45 46	Pattern and model makers	6,004 616 223	6, 001 615 223	3	3, 075 457 146	3	158		273		32	
47 48	Rollers and roll hands	839 50	839 50		384		407				i	
49 50	Sawyers Skilled occupations (not elsewhere classified) <sup>2</sup> Tinsmiths and sheet metal workers Toolmakers and die setters and sinkers Other skilled trades	118 100	118		61 64		57		<u>-</u>			
51 52	Toolmakers and die setters and sinkers Other skilled trades	1, 404 24	1,464 24		1,061 17		402 7				1	
53	Apprentices: Machinists' apprentices Other apprentices	118	113		103		9		1.			
54 55 56	Buffers and polishers Chauffeurs and truck and tractor drivers	186 2,961 472	186 2,868	93	171 1,651	66	15 1, 195 84	25	13 32	2	9	
57 58	Draymen and teamsters Elevator tenders	50 49	472   . 50   . 48	i	355 31 17		1, 130 14 17 29		1 2		i	
59 60	Enamelers, lacquerers, and japannersFilers	50 958	32 940	18 18	$\begin{array}{c} 15 \\ 632 \end{array}$	13 16	16 297	5 1	1 11			
61 62 63	Firemen. Furnace men, smelter men, and pourers. Grinders.	363 488 627	363 488		139 197 362		107 217		27 73		·····i	
64	Guards, watchmen, and doorkeepers Tleaters	484 35	613 482 35	14 2	272 19		224 202 10	3 2	26 7		1 .	
66 67	Laborers	184 14,809	179 14, 411	5 398	5, 354	3 269	81 7, 545	112	31 1, 419	16	93	i
68 69	Oilers of machinery	14, 834	59 11,606	3, 228	31 6, 734	2, 452	26 4, 588	753	252	18	32	5
70 71 72	Painters, glaziers, and varnishers (factory)	194 63 30	172 63 20	22	107 16 10	19 <u>5</u>	63 18 8	3 	2 29 2		· • • • • • • • • • • • • • • • • • • •	
73	Clock and watch factories	25, 096	15, 907	9, 189	11,799	7, 873	4, 052	1, <b>3</b> 01	45	1 15	11	
74	Owners, operators, and proprietors	265	203	2	148	1	115	1				
75 76	Managers and officials Foremen and overseers	391 744	376 689	15 55	317 555	12 49	59 134	3 6.				
77 78	Chemists	32 33	31 29 84	1 4	29 16	1 4	13					
79 80 81	Draftsmen. Electrical engineers. Mechanical engineers.	84 20 27	84 20 27		77   17		3					
82 83	Trained nurses Other professional pursuits	10	8	10	22	9 -	5	- 1		-		
	Includes, also, all technical engineers not elsewhere of	- 0	81	T	D I	1	2  -					

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.
<sup>1</sup> Includes, also, chemical and metallurgical engineers.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

10 TO 17 OI	7 YEARS LD	18 AN YEAR	ID 19 3 OLD	20 TO 24 OL		25 TO 34 OLI		35 TO 44 OI	YEARS	45 TO 54 OL		55 TO 64 OL		65 TO 74 OL		75 YI AND (	EARS OVER	AG UNKN	e own
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1, 102	497	2, 433	1, 033	7,807	1, 998	14, 658	1, 923	16, 582	971	12, 275	416	6, 253	121	2, 191	23	199	5	34	8
1		3 3	2	5 47 118	5 10	59 811 558	2 12 17	191 574 864	9 20	238 493 718	2 3 9	120 248 384	1 5 3	62 72 90	2	9 12 9		1	
		12 4 30	1	38 3 115 4	5 1	70 7 7 183 15	6   1 1	43 13 13 86 19	3	19 6 4 34 6	1	8 1 11 5		1 2 4		1			
î				18 2	3	77 5	11	19 72 8	i	44 3	1	24 1 2	1	1		1			
i		7	1 47	25 1 6	2	99 3 25 141	13 2 146	82 11 28 82 453	4	42 1 28 52	33	18 17 20 182	1	5		1			1
93 74	11 33 33	28 190 1 23 3	114	105 593 23 2 7 5	137 324	815 91 7 2	356 1	453 96 10 2	147 1	259 59 4 2	50	162 35 4 1	10	8 82 7	1	4			
19 2	1 42	3 2 4 75 7	7 4 206	13 37 180 26 12	18 1 8 487	1 27 164 267 19	16 1 11 454 2 1	40 120 154 4 12	3 2 2 6 129	21 49 118 1	1 1 28	10 26 60 2 3	10	1 6 35	1	2		1	
1	1	 	1	5	1	28 1 16 5	1	2 34 4	1	4 44 6		34 1		12					
i		5 3 2	2	19 6 3	4	5 2 58 13 15	1	9 2 64 6 11		6 5 66 3 12		7 2 40		1 35 2 1		3			
3		1 <u>1</u> 11 4 1		78 41 14 28	1	135		11 99 108 90 49 19 1,567 206 118		41 36 104 28 6		10 12 59 20		1 3 21 4		1		i	
		143 32 1 55 24		652 95 21 392	í 1 1	78 40 26 1, 582 233 70 1, 181	2	2.019		986 130 93 1, 531	1	3 444 81 55 652		162 37 15 164		9 2 13		3 2	
		24 5 19 3 5		52 25 78 7	1	123 69 251 12 17		181 63 251 10 33		115 42 138 11 32		77 15 76 3 14		40 4 22 4 6		4			
		1 45 3		14 163 3		28 414 5		25 418 2		16 269 4		113 113 6		5 37 1		4		i	
69 90 33 10	14	27 47 99 12	13	15 33 370 97	20	1 14 628 188	25	1 806 100	13	581 48	7	276 15		68	i	5		2	
1 6	1	2  18	1 5 2	6 1 5 49 10	2	16 5 6 141 60	9 5	9 13 7 205 118	3 3	13 3 8 229 100	1 4	1 13 3 204 54	i	11 2 78 12		9		1	
6 10	3	6 34	2	36 88 3 6	2	105 140 17 11	5	159 137 54 5 31	1 i	109 104 115 5 38	1	60 71 162 6	1 <u>2</u>	7 27 119 1 37	1	2 10		2	
301 1 370 6	42 281 3	722 	82 539 4	1,777 6 1,671 23	93 860 8	3, 100 7 2, 647 35	77 2 740 3	3, 777 19 2, 717 47	54 504 1	2, 880 9 2, 035 24	35 219 2	1, 337 13 1, 050 19	8 68 1	461 4 373 10	12	44	3	12 8	2
700		798	1, 329	2, 207	2, 600	3, 828	2, 337	3, 371	1, 126	20 4 2, 521	639	9 3 1,663	252	709	45	99	6	11	9
		4	3	3 11 38	4 8	41 78 133	6 18	75 109 187	1 15	78 85 189	1 3 7	47 69 93	1 1 4	14 20 42		5 3 3		i	
		1 8	2	11 1 22 2	i	11 9 23 12	1	3 9 18 3		2 3 7 2		2 3 4	1	1 1 1		I			
				1		5 3		11	. 3	3		3	1						

<sup>3</sup> Most of these were returned as metal "annealers," "hardeners," "temperers," "testers," or "treaters."

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		fru cuis eat	ole, the occu	tharions of	each indus	try are pr	esented 11	i most ci	ases in live	groups: r	ropriesary	, omem,
					NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	METAL INDUSTRIES (EXCEPT IRON AND STEEL)—Continued	***************************************										
	Clock and watch factories—Continued.											
$_{2}^{\mathrm{I}}$	Accountants and auditorsAdvertising agents	80 22	69 20	11 2	61 20	11	8					
3 4	Agents (not elsewhere classified)	38 348	34 75	273	29 66	246	4 9				1	
5 6	Agents (not elsewhere classified) Bookkeepers and cashiers Clerks Commercial travelers	1, 410	544 96	866	491 89	800	52 7	64	1	2		
7 8 9	Commercial travelers. Credit men. Messenger, orrand, and office boys and girls. Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits.	11 136	9 126	2 10	8 120	2 8	1 5	<u>-</u> -	1			
10	Office appliance operators	17   25	23	17	20	17	3		1	1		I
$\frac{11}{12}$	Salesmen and saleswomenShipping clerks	88   173	85 150	3 23	74 111	20	11 36	2 3	3			
$\frac{13}{14}$	Stenographers and typists	514 11	9	505 2	9	484						
15	Other clerical pursuits	8	6	2	5	2	1					
16 17	Carpenters	65 66 51	65 66 37		35 37	12	30 20		[	[		[
18 19	Carpenters. Compositors, Enotypers, and typesetters Electricians Engineers (stationary) Engravors Goldsmiths and silversmiths Jewelers and lapiduries (factory)	94 70	94 70	14	34 84 56	12	3 10					
20 21	Engravors	178 28	167 28	11	139 19	8	13 28 8	3	1			
23	Jewelers and lapidaries (factory)	127 849	100 849	27	64 657	20	36 191	7			<b></b>	
24 25	Mechanics (not otherwise specified)	224 43	224 43		152 30		68 13		3		1	
20 21 22 23 24 25 26 27 28 29 30	Machinists. Mechanics (not otherwise specified) Millwrights Molders, founders, and easters Pattern and model makers Plumbers and gas and steam fitters. Rollers and roll hands.	61	60 24	i	43 11	i	17 13					
29 30	Plumbers and gas and steam fitters.	24 34 12	34 12		27		7			[		
31 32 33		24 30	24 30		20 10		4 11					
33 34	Skilled occupations (not elsewhere classified) 1	20 591	20 591		17 476		3 115					
35		15	15		Ť		8					
36	Apprentices: Jewelers', watchmakers', goldsmiths', and silversmiths' apprentices Machinists' apprentices Other apprentices Buffers and polishers. Chauffours and truck and tractor drivers	130	125	5	108	2	16	2		1	1	
37 38 39	Machinists' apprenticesOther apprentices	23 35	23 30	5	20 1 28	ā	3 2					~ • ~ -
40		500 42	345 42	155	244 30	126	101	29	1		ī	
$\frac{41}{42}$	Elevator tenders. Enamelers, lacquerers, and japanners. Filers.	20 35	20 24	11	10 21	11	10 3					
48 44	Firemen	47 49	42 49	Б	35 22	4	7 26		1	[]		
45 46	Grinders Guards, watchmen, and doorkeepers Junitors	21 138	21 137	<u>1</u>	15 93	1	6 43		įi			
47 48	Laborers	1, 546	58 1,018	528	27 712	6 483 5, 464	27 295 2, 372	45 1,068	4 11 16	12		
49 50 51	Operatives Painters, glaziers, and varnishers (factory) All other occupations	15, 036 161 51	8,492 102 44	6, 544 59	6, 099 70 31	5, 404 47 5	32 11	1,000	2	12	5 	
52	Copper factories	21, 199	20, 520	679	11, 220	617	5, 801	59	1, 106	2	2, 393	1
53	Owners, operators, and proprietors.	84	84		47		37					
54 55	Managers and officials	318 1,023	316 1,020	2 3	278 749	2 2	38 245	1	4		22	
56 57	Chemists, assayers, and metallurgists	51 334	51 331	3	43 295	2	8 29				7	
58 59	Civil engineers and surveyors	30 102	30 99 38	3	28 74	3	2 25		***********			
60 61	Electrical engineers Mechanical engineers Other professional pursuits	38 64	64		29 58		6					
62	<b>!</b>	13	100	5	119	-4	2 13	1	*			
63 64	Accountants and auditors. Agents (not elsewhere classified)	129 36 182	126 35 136	3 1 46	113 34 120	3 1 41	13 1 14	5				
66	Bookkeepers and eashiers.	813 29	136 657 29	156	583 29	148	53	8	10		2 11	
67 68 69 70	Commercial travelers Messenger, errand, and office boys and girls Purchase generate	39 35	39 34	i	33 28	1	3		2		1	
70 71	Purchasing agents Salesmen and saleswomen	45   97	45 95	2	41 76	2	4 19					
72	Shipping clerks. Stenographers and typists.	292 86	42 84	250	40	233	10	17			1 2	
78 74	Weighers Other clerical pursuits	17	13	2 4	72 13	4						

Most of these were returned as metal "annealers," "hardeners," or "temperers." Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

10 TO 17 OL	YEARS D	18 AN YEARS	D 10	20 TO 24 OL	YĘARS D	25 TO 34 OLL	YEARS	35 TO 44 OL	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OLI	YEARS )	65 TO 74 OL	YEARS D	75 YE AND C	ARS OVER	AG UNEN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
														•.					
i		1	1	9	5 1	21 8 7	3 1	19 7		16	2	2		1					
30	13 46	6 59	37 111	1 16 147 0	85 259	7 20 123 36	3 1 1 77 252	19 7 10 11 92 25 2	2 31 114	6 11 45 13	23 50	8 5 37 12	6 25	6 8 1	5	3	2		2
102	9 2	18	1 3	4	6	5	3 2	1	2	i	i	2							
8	2	1 8 2 2	<u>1</u> 5	1 13 26 2	8 208	5 36 45 1 2	2 4 137	11 15 21 3	3 33	5 8 18 1	2 1 8	10 16		17		1		1	
2	30	2	89 1	1 1	208	2 3	107		1	1		1		2					
<u>-</u>	2	1 1 1		6 2 7	2	9 15 11 39 11	5	15 11 11 23	<u>-</u> -	15 14 4 9	2	13 15 1 3	ī	8 1					
1		3 5		17 2 16 2	3	11 40 8 24	5	14 47	2	14 18 5		14 29 2	1	12 12 1		2		-	
		2 42 10	3	12 107 28	9	24 244 55 6	8	10 22 190 50	4	23 121 48 14	2	104 104 22 10		36 11 2		5			
		1 2		10 3	1	18 7		13 5 12		7 4 4		6 3 7		3		1 2		-	
				1 2 3		. 5 . 5		8 2		2 4 4 3		4 8 8		8					
		18		56 3		175		167		103		60 5		9 2		- 2		1	
69	2		1	19	2	5	1				-						-		
11 24 7 3	2 15	8 1 18 3	18		40	1 81 13	44	- 7	15	59	10	20	ā	12	-	i			
1	1 3	-		4 7	2	7 8 5	1	1 6 9 14	2	2 7 11		3 5 11		37					
		2	-	- 4 - 5 7	1 1	- 6		- 3 14 6	4	30 11		48 10	]	27 27 11 1 38 3 359	} 				
120 320 1	106 611 2	423	132 903 11	194 1,279 18	1 172 1, 755 15	198 2,127 30	78 1,667 18	162 1,778 21 9	855	116 1,334 9	507 507	48 10 82 812 10	198	359	) 37 3	5	3	4 7	
227	88	658	114				215		= =====	3, 632	=	=======	=	3 496			3	1 16	
1		1 1 5		1 5 36		- 9 56 - 201		18 112 352	: ] 1	- 75 260		16 55 120	3	•~! .:	3		i		
				60		22 131 8		] 10		ع ا	2	- 1	2		3				
		4		16	1 2	2 47 15 20		·-l _{5		- 15 - 18	3		5		1				
				14		41		2 35	3	_ 2:	2	10	} 		2	 1	1		
19		3 5	2	3 150	)   48 	1 38 3 201	1 1	8   10	5 18	3 7		0 4	4 3 4	3 1.			i   2		
28			1	1		2 2	}	2	1   0	,	7		6   8		2		1		
:	1	2	3 3	4 1	5   90		7	2			9		9		2				

Includes, also, all technical engineers not elsewhere classified.

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

==		(III this tai	lie, the occi	lpations (	f each indus		FOREIG		NEG		T.	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Mala	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 0 1 1 1 2 1 3 4 1 5 6 1 7 1 8 9 2 1	METAL INDUSTRIES (EXCEPT IRON AND STEEL)—Continued  Copper factories—Continued.  Blacksmiths. Bollermakers. Brick and stone masons and tile layers. Carpenters. Coppersmiths. Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary) Engravers. Forgemen and hammermen. Machinists Mechanics (not otherwise specified). Millwrights. Molders, founders, and casters: Iron molders, founders, and casters. All other molders, founders, and casters. Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Rollers and roll hands. Skilled occupations (not elsewhere classified) 1 Tinsmiths and sheat motal workers. Toolmakers and die setters and sinkers. Other skilled trades.	233 103 435 16 521 310 402 208 41 17 788	137 283 103 435 16 521 310 402 208 41 17 788 222 43 16 185 25 16 25 251		711 193 566 302 8 249 220 355 216 228 12 554 152 34 11 777 3 20 196 140		58 31 37 107 8 267 78 40 46 12 3 108 43 8 8		2 5 5 5 1 1 1 1 1 3 15 1		8 8 9 10 24 4	maie
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	Apprentices Bufters and polishers Chauffeurs and truck and tractor drivers. Draymen and teamsters. Firemen Furnace men, smelter men, and pourers. Grinders. Guards, watchmen, and doorkeepers. Janitors. Laborers. Oilers of machinery. Operatives Painters, glaziers, and varnishers (factory) All other occupations.	59 59 150 48 269 725 29 188 61 8,013 127 2,950 129 55	71 77 37 26 50 50 150 148 48 28 188 56 7, 950 127 2, 824 128 53	1 5 63 126 1	399 411 20 18 538 36 105 40 117 327 20 1083 14 2, 642 75 1, 788 72 30	2 53 112 2	26 32 8 4 1 20 20 5 107 75 23 2,860 10 684 13	1 2 9 13 1	3 4 1 1 1 1 9 27 7 1 3 7 7 808 8 2 1 7	1	3 5 10 2 165 165 2 1,580 36 30 42 6	1
30 40	Gold and silver factories		15, 409	3, 917	10, 124	3, 352	4,988	545	74	12	223	8
40 41 42 43 44 45 46	Owners, operators, and proprietors Managers and officials Foremen and overseers Chemists, assayers, and metallurgists. Designers. Draftsmon. Mechanical ongineers. Other professional pursuits.	250 455 678 99 106 24 30	248 440 626 98 96 24 30	1 10	162 369 491 79 61 20 27	2 15 48 1 9	86 71 135 17 35 4 3	4 1			1	
48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	Other professional pursuits  Accountants and auditors  Advertising agents.  Agents (not elsewhere classified)  Bookkeepers and cashiers.  Clerks.  Commercial travelers.  Credit man.  Messenger, errand, and office boys and girls.  Office appliance operators.  Purchasing agents.  Salesmen and saleswomen  Shipping clerks.  Stenographers and typists.  Weighers.  Other elerical pursuits.	30 107 25 25 347 1, 370 111 78 13 39 112 207 448 13 5	23 94 24 22 106 690 108 11 73 2 35 106 196 6 11	7 13 1 3 241 671 1 5 11 4 6 11 442 2	85 21 16 97 610 94 9 63 2 2 34 93 167 6	5 13 1 3 222 620 1 1 4 10 2 4 10 419 2	6 9 88 14 2 6 1 13 28	2	1 4	1		
63 64 65 66 67 68 69 70 71 72 73 74 75 77 78 79	Blacksmiths. Carpenters. Campositors, linotypers, and typesetters. Electricians. Englaeers (stationary). Engravers. Forgemen and hammermen. Goldsmiths and silversmiths. Jewelers and lapidaries (factory). Machinists. Mechanics (not otherwise specified). Millwrights. Pattern and model makers. Plumbers and gas and steam fitters. Plumbers and gas and steam fitters. Skilled occupations (not elsewhere classified)? Tinsmiths and sheet metal workers. Toolmakers and die sotters and sinkers. Other skilled trades.  Most of these were returned as metal "annealers" or	14 44 15 45 63 240 47 2,793 29 328 75 60 24 24 29 32 31 29 32 31 29	14 44 11 45 63 245 2, 734 27 323 75 69 24 24 32 32 32 32 32 31 29 37 29	4 1 59 4	7 17 9 38 45 172 1, 639 12 228 50 45 13 25 26 18 278	41 41 4	7 27 27 7 18 72 6 907 13 94 24 11 7 5 11 98 10		1 18 18 1		175	7

<sup>1</sup> Most of these were returned as metal "annealers" or "refiners."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

O TO 17 YEARS	18 ANI YEARS	D 19 S OLD	20 TO 24	YEARS LD	25 TO 34 OL	YEARS D	35 TO 44 OI	YEARS D	45 TO 54	YEARS D	55 TO 64 OL:	YEARS	65 TO 74	YEARS D	75 YI AND (	EARS OVER	UNEN	E IOWN
Male Fe-male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
2	1 3		5 23 11 126 2 47 45 55 8 2 2 73		24 71 28 90 2 103 119 172 55 1.1 4 239 78		45 65 27 133 2 125 79 103 88 12 7 210 53		37 50 24 4 123 40 46 59 7 5		15 19 12 60 3 3 13 17 40 7 7 61 22 7		10 4 1 15 8 20 11 3 11 1		1 3 1		1	
21	5 1 3 3 2 1 1 1 8 8 3		3 1 21 1 2 36 34 4 11 2 23 11		7 59 6 9 73 74 13 20 12 8		12 3 50 2 4 74 72 21 20 11 9		11 4 34 1 4 45 47 18 14 9 8		7 14 3 5 15 19 11 9 2		5 3 4 1		1			
1 105 5 1 37 13 2	308 5 121 3 3 1	26	26 7 21 109 6 1 2 1, 182 19 472 24 8	17	63 7 61 177 9 7 4 2, 135 37 828 44 13	1 7 29	16 28 9 75 196 5 196 6 2, 104 27 706 31 9	4 5	16 10 69 152 3 35 10 1, 353 25 417 14	3 7	5 7 30 61 2 74 14 580 12 180 9	2	2 2 3 13 2 42 18 155 1 57		1 9 1 20 5	1	1 8	
441 316	605	453	1, 512	1,049	2, 775	944	8, 727	551	8, 219	391	2,092	164	920	39	115	7	3	3
33 28	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1 26 74	8 14 8 14 3 3 2 8 10 3 3	3 2 76 203	14 61 99 25 14 8 0 8 38 7 3 28 148 26 2	1 3 12 4 4 3 3 3 79 182	84 132 165 29 19 4 9 5 26 7 6 17 112 28 2	1 5 17 2 2 2 2 2 2 90	67 119 164 20 18 5 0 4 11 3 8 11 101 80 5	1 4 1 1 17 72 1	44 88 134 8 27 1 4 3 7 2 2 2 2 8 56 15	1 1 5 18	31 26 41 2 3 2 2 3 1 1 1 2 2 2 5 5	1 3	1			
3 19 1	16 2 1 1	1 13	2 1 1 1 2 1 5 1 1 3 9 263 26 7	1 15 2	6 - 36 - 15 - 467 - 6 - 54 -	2 1 2 5 131	5 . 32 . 30 . 1 . 6 . 2	1 3 41	72 22 25 1 1 2 2 2 14 1 9 16 58 4 628 77 20 23	1 1 12 	43   - 3   - 445   - 50   -	3	23	1	1 2 2 1 2 2 2 2 3 3 1 1 1 1 1 1 1 1 1 1		2	

<sup>&</sup>lt;sup>2</sup> Most of these were returned as metal "annealers," "temperers," or "treaters."

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

	INDUSTRY AND OCCUPATION	Total	Mole	T	NATIVE	WHITE	FOREIG WH	N-BORN ITE	NEC	3RO	OTHER	BACES
		1 0181	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 23 4 5 6 7 8 9 9 10 11 12 13 14 15 16	METAL INDUSTRIES (EXCEPT IRON AND STEEL)—Continued  Gold and silver factories—Continued.  Apprentices:     Jewelors', watchmakers', goldsmiths', and silversmiths' apprentices.     Other apprentices.     Buffers and polishers.     Chauffeurs and truck and tractor drivers.     Elevator tenders.     Filers.     Firemen.     Furnace men, smelter men, and pourers.     Guards, watchmen, and doorkeepers.     Heators.     Janitors.     Laborers.     Operatives.     Painters, glaziers, and varnishers (factory). All other occupations.	107 54 2, 564 49 23 28 77 36 112 98 74 58 1, 199 5, 902 35 69	95 53 2, 397 49 23 23 77 36 103 96 74 55 1, 098 3, 877 26 42	12 167 	82 48 1, 284 36 16 14 33 24 71 55 55 81 540 2, 615 21	11 136 4 1 1 82 1,651 7 12	10 5 1, 125 11 7 7 9 48 48 48 12 31 30 18 23 511 1, 237 11 15	29 	2 1 1 8 24	3 6	30 1	1
17 18 19	Jewelry factories  Owners, operators, and proprietors	39,458	27,998	11,482	18, 248	9,724	9, 470	1,676	148	53	135	9
20 21 22 23 24	Owners, operators, and proprietors  Managers and oilicials Foremen and overseers  Chemists  Designers  Draftsmen  Other professional pursuits	731 807 28 386 13 13	693 606 25 313 12 12	38 201 3 73 1	548 430 18 188	33 173 3 62 1	142 175 7 123	5 28	1 1			
25 28 27 28 29 30 31 32 33 35 37 38 39	Accountants and anditors	104 25 91 980 2, 202 23 372 48 321 54 251 401 917	91 21 85 129 721 23 365 40 312 49 232 300 5	1 13 4 6 851 1,481 7 8 9 5 10 101 912 7	73 19 60 104 615 19 301 35 266 42 183 248	1 13 4 6 750 1,334 7 7 8 5 17 82 849	18 2 25 24 101 4 60 5 20 7 47 37	95 146 1 1 1 1 2 18 62	2 3 17 2 16	2	1 3	1
40 41 42 43 44 45 46 47 48 49 51 52 53	Carpenters Compositors, linotypers, and typesetters Electricians. Engineers (stationary) Engravers Goldsmiths and silversmiths Jeweiers and lapidaries (factory) Machanics (not otherwise specified) Milwrights. Pattern and model makers. Rollers and roll hands. Skilled occupations (not elsewhere classified) 1 Toolmakers and die setters and sinkers Other skilled trades	22 23 19 70 1,863 754 7,111 218 197 15 37 14 47 1,370	22 20 19 70 1, 817 735 6, 541 218 107 15 35 14 46 1, 378	3 40 19 570	5   12   18   11   39   1, 252   3, 729   39   27   11   29   981   16   16   16   16   16   16   16	39 12 443 	1 10 2 8 31 550 278 2,793 79 97 6 8 3 17 446	7 4 117	4 8 14	9		3 (
55 56 57 58 59 60 61 62 63 64 65 66 67 68	Apprentices:  Jewelers', watchmakers', goldsmiths', and silversmiths' apprentices.  Machinists' apprentices.  Other apprentices.  Buffers and polishers.  Chauffeurs and truck and tractor drivers.  Enamelers, lacquerers, and japanners.  Filers.  Firemen  Guards, watchmen, and doorkeepers.  Heaters.  Janitors.  Laborers.  Operatives.  Operatives.  Porters.  All other occupations.	769 57 100 1, 839 50 528 22 37 123 54 83 897 13, 979 103 61 53	661 57 94 1, 536 50 235 18 37 122 54 83 7, 766 54 54 54 54	108 303 293 4 1 69 6, 213 49	592 50 74 971 39 158 12 16 57 -38 46 -184 5, 148 41 8 33	94 6 230 252 2 50 5, 154 43 4	12 85 7 20 558 77 6 20 62 15 37 135 2,586 12 12	13 69 38 2 1 1,022 6	1 2	35	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
71 72	Lead and zinc factories.	18, 615	17,836	779	12, 436	704	4, 126	87	936	8	338	
73 74	Managers and officials Foremen and overseers	415 857	409 850	67	378 721	6 7	31 125		3		Ĭ	
77	Chemical engineers 2. Chemists, assayers, and metallurgists. Civil engineers and surveyors.  Most of these were returned as metal "annealers."	327 17	322 17	5	302 16	4	20	1			1	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 17 OI	7 YEARS LD	18 AT YEAR	ND 19 SOLD	20 TO 24 OI	YEARS D	25 TO 34 OL:		35 TO 44			YEARS	55 TO 64 OL	YEARS D	65 TO 74 OI	YEARS	75 YE AND (	EARS	AG	EOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
76 35 29 2 1 1 3	12 13 1 1	12 10 82 1 1 1 5 2 1 79 170	19 	6 6 185 4 1 6 15 2 2 140 480	43 1 1 30 478	1 2 457 17 2 2 9 3 27 1 4 192 734	2 5 	767 12 1 8 16 5 28 6 21 7 241 870	27 	529 5 2 1 25 5 5 15 25 24 12 103 762	15 	236 5 4 1 17 12 7 37 21 16 123 487	3 	107 3 12 3 9 4 3 21 2 17 61 61	1	1 1 1 5 30	1 6	1	2
2 2 1, 575	2 1 1, 593	2 1, 624	1,743	3, 851	2, 938	6, 117	2 6 2, 501	6, 475	1, 489	7 6 4, 550	860	2 6 2, 563	265	7 1,094	56	140	8	7	9
ĩ	4	1 2 6	14	21 27 47	5 47	239 151 131	1 15 46	531 200 203	6 11 45	456 185 135	7 6 35	243 89 60	6 1 9	98 31 20	1	11 8 3			
		9 2	3	2 37 3 1	21	12 79 3 4	27 1 1	5 68 1 5	15	80 2 1	5	30 1 1	2	6		4			
1 1 4 74 1 215	24 101 6	1 8 124 4 46 7 43	1 94 197 1 2 21 170	9 30 186 4 27 5 14 10 28 84	1 284 437 1 1 1 1 2 19 372	29 9 14 41 146 11 102 11 6 15 58 50	5 1 2 242 391 2 2 2 1 3 6 13 241	21 5 21 25 81 4 87 17 9 10 63 30	2 3 1 116 218 2 4 1 1 14 53	18 1 25 9 56 2 83 6 10 10 41 26	1 61 97 2 2 5 14 13	12 2 13 6 36 36 1 8 2 24 22	24 35 	7 5 15 1 17 3 2 5 10	1 3 3	1 2 1	1	1	2 2
1	63	1 1 1 63 27 272 6 10 2 2 2 2 2 2 2 10	3 8 95	8 1 1 221 68 1,079 24 25 2 1 1 6 1,06 2	17 3 164	5 4 4 7 431 131 1,793 00 57 2 10 1 7 379 5	15 5 143	3 3 3 5 10 511 198 1,679 65 41 4 7 3 7 378 6	7 3 92	2 4 13 299 156 928 32 37 7 241 10	2 2 54	1 2 5 1 4 204 201 204 107 544 16 23 4 5 1 101	1 16	4 1 15 77 44 216 8 6 2 1 5 46 8	1 6	1 8 8		5	
396	105	144	1	104		13	1	. 3		1								 	<b></b>
46 77 47 2 6 1 1 35 619 4	5 20 34 2 18 1, 187 8	12  1 34	20 37 1 1 17 1,044 10	5 8 183 10 30 1 2 3 3 55 1,265 19 7 7 3	1 58 56 1 13 1,420 12	1 289 15 57 3 4 10 6 5 61 1,609 12 5	82 96 1 13 1, 126 7	396 9 62 5 6 14 16 8 59 1,562 6 12 7	78 59 4 746 9	313 5 39 3 13 23 11 18 51 1,161 1,161	31 10 	100 1 17 4 10 42 12 28 25 603 1 12 7	140	63 1 12 1 2 26 2 20 7 297 1 6 7	35	4 3 1 1 31 1 2	7		4
282	47	654	83	2, 350	215	4,857	237	4, 663	129	3, 141 17 117	47	1,418	15	431 6	6	30		10	
2		1 1 15	1	5 32 9 60 1	3	64 159 22 137	3 1	121 301 13 73 6	1 4	117 231 3 27 4	1	68 98 2 6	<u>-</u>	30 23 4		3		1	

Included, in other occupation tables, in the group "Mining engineers."

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

				NATIVE	WHITE	FOREIGN WHI	I-BORN TE	NEG	ro	OTHER	RACES
INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
METAL INDUSTRIES (EXCEPT IRON AND STEEL)—Continued  Lead and zinc factories—Continued.											
Draftsmen Electrical engineers Mechanical engineers ! Other professional pursuits		44 22 43 12	4	39 22 38 10	4	5 5 2					
Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Clerks Commercial travelers	197 706 43	110 36 127 533 43	70 173	102 34 122 500 42	65 167	8 2 5 30	1 5 6	3			
Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Salesmen and saleswomen Shipping clerks Stenographers and typists	12 66 13 40 84 137 295 45	12 65 4 39 84 133 16 45	1 9 1 279	12 63 4 38 81 104 15	1 8 1 263	1 3 27 1	16	1			
BlacksmithsBoilermakers	97 21	15 97 21 72 184		65 17 56 152		1 32 4 15 32		1			
Boilermakers Brick and stone masons and tile layers Carpenters Compositors, linotypers, and typesetters Coopers Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary) Engravers Machinists	45 12 108 202 173 13	41 12 108 202 173 13	4	35 11 81 183 138	2	0 1 24 18 30 5		2 1 4		1 1	
Machinists Mechanics (not otherwise specified) Millwrights Molders, founders, and easters Plumbers and gas and steam fitters Rollers and roll hands Skilled occupations (not elsewhere classified) Tinsmiths and sheet metal workers Toolmakers and die setters and sinkers	252 54 222 99 194 39	501 252 54 221 99 194 39 24	1	383 203 38 160 84 148 27 20	1	116 47 16 47 15 45 5 4 10				1 3	
Apprentices	29 167	28 167 23 381	1	28 147 21 202	1	13 2 149		6		1	
Furnace men, smelter men, and pourers	8, 116 42	1, 431 29 162 64 8, 093 42	1 3 23	771 12 113 30 5,010	2 20 140	456 16 48 23 2, 198 10 425	1 30	119 1	3	85 1 225 2 12	
Operatives Painters, glaziers, and varnishers (factory) All other occupations	44	1, 840 44 77	174	1, 339 31 49	2	13 19	4	9			
Tinware, enamelware, etc., factories Owners, operators, and proprietors		83,009	14, 406	63,091	12, 600	17, 500	1,530	1,894	194	524	<u></u>
Owners, operators, and proprietors  Managers and officials  Foremen and overseers  Chemical engineers 3	2, 519 3, 250	2, 640 2, 482 3, 118	28 37 132	2, 005 2, 172 2, 540 21	21 35 116	627 310 557	2 2 14	16	2	5	
Chemical engineers <sup>a</sup> . Chemists, assayers, and metallurgists. Civil engineers and surveyors. Designers. Draftsmen. Electrical engineers.	54 35 466	171 54 30 465 47	5 1	156 50 23 379 43	1 3 1	15 4 7 86 4	1		1		
Lawyers. Mechanical engineers ! Photographers. Trained nurses	253 13	253 13	18	3 214 11 1	16	39 2					
Accountants and auditors. Advertising agents. Agents (not elsewhere classified) Bookkeepers and cashiers.	21 132 1,590	346 18 128 741	29 3 4 840	306 16 123 666	28 3 4 800	40 2 5 75	47		2		
Canvassors. Clerks. Commercial travelers. Credit men. Messenger, errand, and office boys and girls.	3, 984 471 53	26 2, 912 468 51 126	1,072 3 2 9	25 2, 669 436 47 120	1, 016 3 2 8	235 32 4 6	54		1		
Office appliance operators. Purchasing agents. Salesmen and saleswomen Shipping clerks. Stenographers and typists	116 152 532 1,038	9 147 522 1,016 72	106 5 10 22 1,577	8 139 476 881 72 17	101 4 9 19 1, 514	1 8 45 126	5 1 1 3 60	1 7		2	
Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists Weighers Other clerical pursuits	1, 040 19 18	17	2	17 12	1, 514		1				

<sup>1</sup> Includes, also, all technical engineers not elsewhere classified.
2 Most of these were returned as "lead testers" or "zinc testers."

#### OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

10 TO 1 O	7 YEARS LD	18 AT YEAR	ND 19 S OLD	20 TO 24 OI	YEARS	25 TO 34 OLI	YEARS O	85 TO 44	YEARS	45 TO 54	YEARS	55 TO 64 OL	YEARS D	65 TO 74 OI	YEARS	75 YE AND (	EARS OVER	UNKN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
		2 2		13 3 2 7		16 5 9 3   36.	1 2	9 7 11	2 3	2 9 16 3	1	1 1 4 1 7		1 1		1			
23	15	1 46	5 16	1 23 110 4	15 47	14 48 157 10 2	27 57	30 11 31 86 14 4	15 22	6 15 64 10 5	7 13	3 5 30 5	2	1 4 16	1 1	1			
30 1 4 2	15	16 1 2 5 2 2	35	20 7 4 7	3 89	10 18 38 3 8 5	3 1 94	1 17 36 28 2 13	34	1 5 17 23 6 1	1	5 7 11	3	1 2 4		1		1	
1		3 4 2 7 6		2 2 11 15 10 2 13 23 10 2 46 34		10 3 20 31 13 3 38 70 35 5 157		24 7 20 41 7 3 38 65 44 132 72 16	2	30 7 15 49 4 2 13 38 54 1	2	24 2 5 35 3 1 1 4 24 1 45 15 9		7 11 11 3 8 1 11 15		1		2	
18		11 3 5 2 1 1 4 6	1	23 10 31 9 1 3 1 5 20	1	57 27 62 10 3 7 7		63 22 56 6 10 11 9		51 12 26 28 27 5 6 7 5		27 9 11 6 3 2		13 2 1 1 2		1			
1 11 130 48	2	368 390	2	3 20 163 3 2 1, 261 4 284 11 9	1 7 43	72 465 9 6 4 2,304 13 472 12	5	7 130 433 9 19 7 2,032 5 464 10	1 2 5 34	102 255 8 40 13 1,303 11 286 8	2	548 59 52 23 540 4 153 2	8	8 10 44 13 143 2 40 1	3	1 1 8		4	
2, 532	1,741	4,722	2, 603	12, 971	4, 204	21, 568	3, 215	19, 127 814	1, 690	12, 845 783	676 8	6, 635 497	206	2, 275 188	. 59	299	8	35	9
8 1 111 76	22 76 4 1	28 22 28 20 6 31 	1 1 05 1 129 1 3 20 278	100 102 3 41 15 4 497 2 2 16 5 5 16 7 190 2 744 36 31 10 6 6 10 10 6 22 22 28 4 24 24 24 24 24 24 24 24 24 24 24 24 2	\$\frac{3}{25}\$  1  240  365  244  1 7 656 1	12 74 74 20 11 183 16 103 4 131 6 33 235 4 885 163 14 21 179 273 179 273 179 273 179 273	35 37 1 2 1 7 6 33 254 1 303 1 1 34 2 2 2 6 4 20 1	854 1,040 6 23 14 3 81 19 1 80 4 4 1 107 5 35 125 9 452 141	12 36 36 36 36 36 36 36 36 36 36 36 36 36	39 1 30 82 2 269 856 14 1 1 2775 144 1 1 8	3 6 1 36 1 36 1 1 2	287 295 4 5 5 5 20 7 14 17 2 2 17 48 3 3 3 136 5 1 1 3 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 5 6 6 1 1 1 2 1 2 4	70 63 1 0 1 3 8 8 5 24 47 15 1 1 2 1 1 1 3	1 5 2	16 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1	

<sup>3</sup> Included, in other occupation tables, in the group "Mining engineers."

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

	INDUSTRY AND OCCUPATION	Total	Male	Female	NATIVE	WHITE	FORRIGI WH	n-born ite	NEG	RO	OTHER	RACES
		20021	171410	7 023410	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	METAL INDUSTRIES (EXCEPT IRON AND STEEL)—Continued											
	Tinware, enamelware, etc., factories—Con.		!									
$\frac{1}{2}$	Blacksmiths Boilermakers Brick and stone masons and tile layers	147 53	147 53		82 46		65 7				[	
4	Cabinetmakers	20	39 20		23 15		15 5					L
5 6	CarpentersCompositors, linotypers, and typesetters	270 92	270 75	<u>1</u> 7	205 61	18	63 12		$\frac{1}{2}$		1	
7 8 9	Compositors, linotypers, and typesetters	12   75	75 12 75		6		5 32		1 			
10	Electricians	103 349	103 349		86 300		16 49				1 	
11 12	Coppersmite Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary) Engravers Forgemen and hammermen	386 63	386 61	2	300 48	2	13					
13 14	Machinists	4,341	43 4,341	1	35 3, 225	1	7 1, 094 384		11		11	
15 16	Millwrights.	1,846 336	1, 845 336		1, 447 273		60		2		1	
17 18	Iron molders, founders, and casters	38 271	38 271		28 130		9 95		44		1	
19 20	Painters, glaziers, and varnishers (building)	20 182	20 182		15 15 136		5 45		1			
21	Meduanics (not otherwise specined) Millwrights Molders, founders, and casters: Iron molders, founders, and casters All other molders, founders, and casters Painters, glaziors, and varnishers (building) Pattern and model makers Plumbers and gas and steam fitters. Rollers and roll hands	331 277	331 277		282 205		39 60		4		6	
$\frac{22}{23}$	Sawyers Skilled occupations (not elsowhere classified) 1 Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers.	33 43	33 43		24 31		9					
25 26	Tinsmiths and sheet metal workers	17,360 1,296	17, 358 1, 296	2	13, 431 890	2	3, 708 404		132 2		87	
27	Other skilled trades	11	10	1	6	1	3		1			
28	Apprentices: Machinists' apprentices	78 322	78		72		8					
28 29 30	Tinsmiths' and coppersmiths' apprentices	322 219	322 214	5	302 205	4	15 7	<sub>1</sub> -	1		2	
$\frac{31}{32}$	Buffers and polishers   Chauffeurs and truck and tractor drivers	558 848	523 848	35	396 711	27	125 81	8	1 49		1 7	
33 34	Apprentices: Machinists' apprentices Tinsmiths' and coppersmiths' apprentices Other apprentices Buffers and polishers Chauffeurs and truck and tractor drivers Draymen and teamsters Elevator tenders Enamelers, lacquerers, and japanners Filers	50 90	50 89	i	36 53	322	11 35		3 1	1		
35 36	Enamelers, lacquerers, and japannersFilers	1, 429 82	1,060 80	369 2	816 55	322	209 25	45	30	2	5	
37 38	Firemen Furnace men, smelter men, and pourers	265 482	265 482		170 360		71 104		22 18		ſ	
39 40	FireHuld Furnace men, smelter men, and pourers Grinders Guards, watchmen, and doorkeepers Heaters Housekeepers and stewards <sup>2</sup>	120 436	120 434	2	79 298	2	25 130		15		1	
41 42 43	Heaters.  Housekeepers and stewards 2  Janitors.	183 38 217	183 2 208	36	97 2	27	84	9	2			
44 45	Laborers	20, 181	18, 313 75	1, 868 2	96 12, 235 61	1, 553	87 4,761 14	252	1, 073	43	244	20
46 47	Operatives	23, 290 482	15, 250 393	8, 040 89	11, 708 303	6, 839	3, 076 77	1,007	345 10	135 2	121	59
48 49	Operatives. Painters, glaziers, and varnishers (factory). Porters. All other occupations.	84 18	84 10	8	23	4	24 1	3	36	1	1	
50	Other metal factories		34, 140	7, 763	28, 543	6, 818	8, 908	858	1, 579	76	110	11
51 52	Owners, operators, and proprietors	1, 132	778 1,097	19 35	509 947	12 28	268 149	7 6	1 1			1
53	Foremen and overseers	)· · · · ]	1, 442	117	1, 120	102	316	14	4	1	2	
54 55	Chemical engineers 3	53 298	53 296	2	47 264	2	5 30		2		1	
56 57	Civil engineers and surveyors Designers	51 123	51 104	19	50 65	12	39 39	3		2		
58 59	Draftsmen Electrical engineers	100	220 99	5 ) 1	191 84	5	29 15					
30 31	Mechanical engineers 4 Trained nurses	162 10	102	9	135	8	27 1	1				
32	Other professional pursuits	- 1	9	3	9	2		1	(			1
33 34 35	Accountants and auditors	225 34 51	212 30 47	13 4 4	188 29 40	13 4 3	23 1 7		1			
36 37	Bookkeopers and cashiers	632 10	250 9	382	229 8	338	20 1	44			1	
38 39	Glerks Clerks Collectors	2, 229 15	1, 367	862	1, 204	805 1	158 5	57	4		1 1	
70 71	Commercial travelers	215	211	3	187 24	4 3	23 1					
72 73	Credit men Messenger, errand, and office boys and girls Office appliance operators	28 107 39	25 99 2	8 37	93 2	7 35	6	$\frac{1}{2}$				
74 75	Office appliance operators. Purchasing agents. Sales agents.	39 78 6	73 - 6	ő	66 6	5	7					
74 75 76 77 78	I Salesinan and saleswomen	202 1	252 520	10 32	214 430	8 27	37 76	2 4	1 11	1		
78	Shipping clerks	1, 156	56 26	1,100 7	52 22	1,044	4 2	5ố		1		

<sup>1</sup> Most of these were returned as metal "hardeners," "inspectors," or "testers." 2 Includes hostesses and matrons.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

10 TO 17 OI	7 YEARS	18 AN YEAR	ID 19 S OLD	20 TO 24 OI		25 TO 34 OL	YEARS D	35 TO 44	YEARS .D	45 TO 54 OI		55 TO 64 OL		65 TO 74 OI		75 YE AND (	ARS OVER	UNK	e Iown
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
		3	!	4		18		32		47		30		9		4			
		1 2		2 3		18 13 9		32 21 10		10 13		4		2					
				20		ğ		4		3		3 50		18		2			
î	2	3 7	3	20 22 2	5	48 28 1	4	54 11 4	1	74 3 2	2	2		1		2			
		. 2		i a		15 45		4 19 24 87 101 11		20 10		6		7		2			
		9		21 52 28 12 10 487		135 85		87 101		53 88 11		12 59		1 20		3			
		3		12 10	2	19 16		11 10		5		4		1					
		130 49		200	1	1, 270 604		1, 280 467		799 283		299 137		74 34		2 5			
		2		17		72		93		108		33		10				1	
		5		26 26		10 78		8 84		12 59		3 17		2		`1 			
		2 7 7		8 27		3 43		3 43		31 31		25 32		6					
		$\begin{smallmatrix} 7\\23\\1\end{smallmatrix}$		38 56		84 92		100 80		84 19		7		6					
		2		6 7		8 12		7 10		8		3		2				.  <u>-</u>	
		637 15		2, 583 135	1	4, 547 419		4, 399 432		2, 920 202	1	1, 612 69		599 22		104 2		- 7	<u> </u>
						2	1	4		3				1					
48		11		16		2						1							.
48 233 89 7	4	11 46 62 14 37		16 38 59 92	1 5	5 2	;-	1				1							
7 16	4	37	5	199		172 320	4	129 159	7	65 83	5	35 29 2		8		I		. i	
2 34		6 1		10 10	102	320 19 10	1 84	8 5	40	21 100	16	20 40	2	16 17		4		2	
-1	57	71 4 3 27 10	67 2	258 12 12 12 82 19		338 30 52		199 16		100		5 39		1 11				.	
9		27		82 10		166 37 20		100		68		26 5		2 2		1		ì	
1		10 1 3		3 13		20 50		16 78 100 29 47 75	1	68 68 16 121 32		132 10	1	94		15		i	
		<u>2</u>	6 1	4	9 2	11	3		5 4	1	6	77	6	1 37	1				
924	327	1.660	378	3, 407 6	519 1	4, 379	335 1	22 3, 533 10 2, 990 67	190	2, 520 15 1, 725 38	80	1,336 14	30	502 2	9	45		7	
917 13	1, 164 6	1, 318 31	1, 580 18	3, 021 109	2, 174 26	4, 041 114	1, 667 23	2,990	930	1, 725 38	370 4	926 16	111	280 3	36	26 2	1	6	7
1	<u>1</u>	3	13	12		16 3	i	15 3	1	14 1	2	11	<u>î</u>	11	i-	1 2			
974	730	2,032	1,457	5, 628	2, 654	9, 537	1, 805	7,808	738	5, 022	268	2, 297	87	788	21	75	1	29	2
		1 3		11	1 5	145	1	241	5	222	6	126	5	29		2 4	1	1	
2	i	10	10	40 105	30	255 419	1 12 31	241 401 467	5 6 33	222 268 288	6 8 10	1 <b>04</b> 116	5 2 2	29 21 34	2	1		1	
				10		33		8		$\frac{2}{12}$									.[
		11 		88 13 8	1	129 19 30	6	46 6	5	11		2 12							
		6 14	1	64 14	ĭ	82 36	i	24 43 27 54	3	22 11 18		4		2					
				12	<u>-</u> 2	68	i	54	5	20		7	1	1					
				1		1		$\frac{1}{2}$	ž	2	1	2		1					
		5	<u>-</u> -	30 6	4 2	63 19	4	71 4	3	37 1	1 1	5	1	1					
2	2	16	44	65	136	14 84	106	16 37	1 53	8 33	18	5 10	6	2 3	2				
47	46	1   151	128	362	317	434	1 246	1 193	88	92	29	65	7	1 22	,1	<u>i</u>			
i		i		1 18		7 75	1 2	5 59	2	35		19		<u>-</u> -					
60	2	23	i	2 6	1 4	10 4	. 1	8	1	8 1		2 3		2					
		ĩ	2	4	21	30	$12 \ 1$	25	1 2	10	1	3		i					
1		6	i	26	i	3 84	4	73	4	2 39		16		1 6		1			
22	3	40	ē	133	7	172	10	66	4	54	1	25	1	6		` 2			

Included, in other occupation tables, in the group "Mining engineers."
Includes, also, all technical engineers not elsewhere classified.

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

<del></del>	White the contract of				NATIVE	···	FOREIG	N-BORN		GRO	OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 2 3 4 4 5 5 6 7 8 9 100 111 2 2 11 3 14 1 15 16 6 17 7 18 11 19 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	METAL INDUSTRIES (EXCEPT IRON AND STEEL)—Continued  Other metal factories—Continued.  Blacksmiths. Brick and stone masons and tile layers. Cabinetmakers. Carpenters. Compositors, linotypers, and typesetters. Coppersmiths. Cranemen, derickmen, hoistmen, etc. Electricians. Engineers (stationary) Engravers Forgemen and hammermen Machinists. Mechanics (not otherwise specified) Millwrights. Molders, founders, and casters: Iron molders, founders, and casters. All other molders, founders, and casters. Pattern and model makers. Plumbers and gas and steam fitters. Rollers and roll hands. Sawyers. Skilled occupations (not elsewhere classified) !. Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers. Other skilled trades.  Apprentices: Machinists' apprentices. Other apprentices. Buffers and polishers. Chaufleurs and truck and tractor drivers. Elevator tenders. Elevator tenders. Elevator tenders. Elevator tenders. Firemen. Furnace men, smelter men, and pourers. Grinders. Guards, watchmen, and doorkeepers. Heaters. Janitors Laborers. Oilers of machinery. Operatives. Puddlers. All other occupations.  LEATHER INDUSTRIES	76 30 10 178 84 10 140 578 280 59 41 1,471 440 224 23 708 144 148 276 203 445 27 40 203 447 22 2,182 249 30 401 185 204 103 8,137 38 13,847 302 45	76 30 10 178 46 110 140 577 230 58 411 4471 440 224 23 27 45 203 467 20 21 21 30 21 21 30 30 47 88 101 21 21 21 21 21 21 21 21 21 21 21 21 21	88	39 20 1 136 42 3 116 463 184 42 34 1,002 282 183 27 7 352 101 124 184 23 27 158 327 18 327 18 19 20 92 1,481 193 103 104 193 194 195 195 195 195 195 195 195 195 195 195	7 1 1 1 1 1 1 1 25 8 27 3,812 51	37 10 9 41 4 7 21 111 43 16 7 401 152 41 132 43 23 80 9 3 18 44 130 2 2 17 6 35 8 18 4 14 15 2 4 15 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 			1 1 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 6 1
45	Harness and saddle factories	9, 103	8,657	446	6, 470	407	1, 979	26	138	12	70	_1
46 47 48	Owners, operators, and proprietors  Managers and officials  Foremen and overseers  Professional pure state	475 183 115	470 132 110	5 1 5	343 111 94	4 1 5	124 20 16	1	1		2	
50 51 52 53 54 55 56	Professional pursuits  Bookkeepers and cashiers  Clerks  Commercial travelers.  Salesmen and saloswomen  Shipping clerks  Stenographers and typists  Other clerical pursuits.	73 90 48 38 72 68 22	5   - 34 68 48 37 71 4 22   -	39 22 1 1 04	5 - 20 62 44 - 35 66 3 21 -	39 10 1 1 62	4 - 5 4 2 - 5 1 - 1 - 1		1		1	
58 59 60	Engineers (stationary) Machinists Mechanics (not otherwise specified) Other skilled trades	15 61 44 68	15 61 44 68		11 - 55 - 30 - 54 -		4 5 5 12		1		2	
64	Guards, watchmen, and doorkeepers  Laborers	28 501 7, 164 27 56	28 469 6,890 27 54	32 274 2	20 353 5,068 25 32	21 252 2	8 53 1, 704 2	2 18	52 67	9 3	11 51	1
66	Leather belt, leather goods, etc., factories	26, 634	19,012	7, 622	10, 154	5,860	8, 456	1,606	366	135	36	21
67 68 69	Owners, operators, and proprietors  Managers and officials  Foremen and overseers	1, 139 789 789	1, 126 760 645	13 29 144	521 573 417	6 23 115	602 187 225	7 6 27	1 3		2	
72 78 74	Chemists Dasigners Draftsmen Mechanical engineers Other professional pursuits Most of these were returned as metal "annealers," "te	54 101 19 14	51 82 18 14	3 19 1	36 29 16 11 9	3 16 1	14 53 2 3 1	3	1 -			

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

	7 YEARS	18 Al YEAR	S OLD	20 TO 24	YEARS D	25 TO 34 OL	YEARS D	35 TO 4-	4 YEARS LD	45 TO 54	4 YEARS LD	55 TO 64 OL	YEARS D	65 TO 74	YEARS D	75 YI AND (	EARS OVER	UNKN	E IOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- mal
												,							
				6		10		18		21		12	 	. 9 .					
		1 1 1		5		14 2 29		4 3 56		4 2 42		2 31				2			
1		2	2	11 13 1	2	15	3	7	1	6 2		3		2 3					
		5 25		38 94 16		62 230 69	1	27 136 64		6 73 44		1 15 18		1 2 13		1		1	
		25 2 4 3		9		7 16	i	17 13		8 2		9		3		1			
		43 10 2		215 64		493 133		378 110		222 75		89 32		28 10		1		2	
			-4	13		62 3		59 7		59 8		24 4		4		1			
		17 17		78 11		169 <b>34</b>	1	241		140		52 19		9		1			
		6 2 12 3 3 5		19 64		44 84		36 43 66		29 27 40		12 9		1					
		3	1	6 9 31		10 13 46		3 7 57		2 4 35	 	7		$\frac{1}{2}$					
1		7	*******	40		164 11	2	150		66 4		21 25 2		4	*			1	
				,				_											
10 53 33	1 6	5 26 80		4 17 294 55 3	11	2 5 504	14	500	6	208	3	118	<sub>1</sub>	33					
6		14 J	11	55		594 109 2		599 43 1		368 14 4		8		2 11					
	1	1 3	8	11 7	10 3	10 23	3	15 20	3 1	10 19	1	9		i	1	1			
1 5 3		1 3 2 4 8		14 30 16 2 2 9		44 73		52 59		46 22 11		20 8 8		6 1 3		2			
1		l	1	2	1	14 12		20 30 15		54		75		45		1			
273	56	1 2 595	102	1,538	130	10 23 44 73 82 14 12 11 2,043	3 85	7 1,615	$\begin{array}{c} 4 \\ 42 \end{array}$	19 998	2 15	26 471	2 5	20 147	i	2 10		1 14	
433	535 12	787 30	907	1, 538 2 1, 733 72	1,466	2,471	950	1 855	377	10 1,289	158	589	47	207	11	25		5	2
11	12	4	16	5 8		97 9 10	11	50 6 9	5	23 7 3	2	, 14 5	2 	2 4				1	
		2	2	2		10	2	8	4	5	1	5	1	1	2				
					1	ŀ													
90	36	119	52	344	111	822	104	1, 311	78	1,931	42	2, 152 126	20	1, 529	6	364 30	1	5	<u>1</u>
				6 3	3	20 13 12	1	62 25 25	1	128 33 38		38 21		11 9		- 30 6 2			
				2				2		1									- <i></i>
1	2 -		4 3	1 8	9 7	10 13	11 3	6 16	6 2	5 13 15	4 2	5 10	3	6 4					
				1		2 .		10 5		. 10	<u>i</u>	15 8		6 2		1			
2	$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	5 2	<u>6</u>		29	21 1 3	19	15 8	5	12 1 5	3	7 							
						1		3		. 4		8		4					:
		2		4		11 6		13 11		19 10		8 12		3					
				8		15		19		9		13		7	•••••				
21 55	6 23	28 71	36	69 210	9 54	86 582	6 64	101 985	5 53	84 1,531	2 26	15 53 1,802	2 12	24 1, 338		311		5	 
7		1 6	<u>1</u> -	12		5 12		4		4 8	·i	3 9		1		i-			
862	988		1,202	2, 403	2, 265	4, 340	1, 680	4, 448	891	3, 327	411	1,806	135	694	45	83	<b>1</b>	8	4
00%	000	2	1, 202			194	2 7	375	3 7	294	3 7	168	1	62	2	14	=== <u>=</u>		
·i	4	3	15	17 24 39	2 27	170 148	7 35	249 187	7 28	194 142	7 27	81 102	4 8	36 21	2	5 1		ī	
• ,	- 1	- 1	- 1	- 1				,,	(	5		, [	- (			1		1	A (1)
			3-	9 7	1 3	21 27 8	2 6	13 23	6	18	1	7 1							

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIG: WH		NEG	ro .	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9	LEATHER INDUSTRIES—Continued  Leather belt, leather goods, etc., factories— Continued. Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Clerks Commercial travelers Credit men Messenger, orrand, and office boys and girls Office appliance operators Purchasing agents Salesmen and saleswomen	120 37 693 1,079 400 15 117 23 36 351	110 37 172 633 399 14 111 4 31	10 521 446 1 1 6 19 5	96 29 153 587 355 14 98 4 27 294	9 458 386 1 1 4 15 5	14 8 19 93 43 	1 62 59	3			
11 12 13	Shipping clerks Stenographers and typists Other clerical pursuits	546 653 21	526 22 19	20 631 2	396 21 14	15 578 2	107 1 5	1 5 56	23	1		
14 15 16 17 18 19 20 21 22 23 24 25	Carpenters Compositors, linotypers, and typesetters Electricians Engineers (stationary) Engravers Machinists Mechanics (not otherwise specified) Millwrights Pattern and model makers Plumbers and gas and steam fitters Toolmakers and die setters and sinkers Other skilled trades Apprentices Chauffeurs and truck and tractor drivers	27 17 15 70 17 204 145 41 19 13 22 21	27 16 15 70 16 204 145 41 19 13 22 20	1 9	9 44 79	1 1 8	9 3 3 17 1 76 71 12 8 2 10 9		1 2		1	1
28 29 30 31 32 33 34 35 36	Dyers.  Firemen. Guards, watchmen, and doorkeepers Janitors. Laborers. Operatives. Painters, glaziers, and varnishers (factory) Porters. All other occupations.  Shoe factories.	36 46 80 20 1,930 16,533 121 36 39	35 46 80 20 1,701 11,080 81 36 37	229 5,453 40 2	7 781 5, 033 65 3 18	187 3,978 38	10 22 24 741 5,930 10 12 16	26 1, 344 2	3 5 3 6 170 96 21 3	11 117	0 21	5 14
38 39	Owners, operators, and proprietors	271, 451 2, 242 2, 707 7, 849	2, 210 2, 636	32 71	1, 269	87,051	939	12,093	1,938	221	256 1	32
41 42 43 44 45 46 47 48 49 50	Chemists Designers Designers Draftsmen Electrical engineers Lawyers Mediantical engineers Trained nurses Other professional pursuits Accountants and auditors Advertising agents. Agents (not elsewhere classified) Bookkeepers and cashlers	2, 707 7, 840 58 473 28 17 13 40 54 12 429 79	2,030 6,389 57 428 28 17 13 40 349 76 159	1,460 1 45 	12 35 8 8 323 72	67 1, 311 1 42 49 8 75 3	345 1, 236 8 143 5 2 1 5 1 26 4 20	5				
52 53 54 55 56 57 58 59 60 61 62 63	Bookkeepers and cashiers Canvassers Clerks. Colledors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Other clerical pursuits.	3,444 16 8,340 11 1,775 165 482 1,75 228 1,178 2,089 3,095 15	583 14 3,580 1,768 148 392 218 1,132 2,027 50	2,861 2,760 2,7 17 90 168 46 62 3,036	136 540 11 3, 281 9 1, 641 136 347 7 200 954 1, 768 53	1 2, 653 2 4, 552 2 6 16 88 162 8 38 58 2, 894 2	121 121 12 25 18 169 227 6 3	206 204 1 1 1 6 7 4 139		1	1	1
78	Blacksmiths. Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Sawyers. Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	22 199 163 281 421 1,971 475 99 12 401 83 18 30 90 23	116 231	47	1, 581   863   85   10   451   72   17   22   1	48	2 37 10 1 8 26	4	5 12		1	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

	7 YEARS LD	18 Al YEAR		20 TO 24 OI	YEARS D	25 TO 34 OL:		35 TO 44	YEARS D	45 TO 54 OI	YEARS D	55 TO 64 OL		65 TO 74 OI	YEARS D	75 YE AND C	ARS	UNR	e Own
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
2 53 78 1 3 42	29 52 55 5	13 98 2 19 1 10 59 6	83 72 	13 1 40 159 14 3 11 1 4 36 139 6	3 174 136 	35 5 5 58 143 88 6 	3 138 114 6 5 5 157	34 13 21 73 135 5 1 86 62 2	3 64 51 1 1 2 4 5 2 51	14 8 22 54 95 4 59 54	1 22 16	13 8 9 41 47 	7 4	1 8 10 17 1 1 13 14	5 1	1 1 2 1		1 1	1
29 3	7	1 13 2 1 1 1 1 10 2		3 1 3 6 21 17 1 2 2 5 3 10 222 3 3	1	53 65 15 46 49 4 68 6 37 77 73	1	8 5 4 4 4 4 4 4 4 4 2 7 7 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	1	5 1 5 15 2 49 31 12 3 3 5 3 10 10 12 20 2		7 2 1 14 14 18 6 2 1 1 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	13 2 5 5 5 1 1 1 2 2 27 7		1 2 1 1 1 1 1 2 1 1 2 2 2 2 2 2			
120 513 15 1 1 10, 155	40 808 7	1 120 646 8 2 6	42 873 3 12, 428	287 1, 511 14 7	64 1, 554 11 1 24, 033	2 314 2,640 10 8 10	46 1, 142 9 23, 896	385 2, 544 10 3 6	26 630 6	296 1, 852 11 10 7 25, 121	7 306 3 	153 968 4 5 5	3 102 1 1 3,426	55 370 2 2 5, 089	36 829	10 32 1 1 1	72	61	48
5	9	7 46 3 12 2	1 46 8	35 79 288 3 44 6 2 1 3	1 4 200 16	355 563 1,316 19 156 7 5 7 13	5 17 403 1 9	749 848 2, 071 17 111 5 3 1 13	5 20 442 6 	543 653 1,625 6 77 4 3 4 7	15 15 234 3 	365 363 800 8 22 1 4	3 12 94	135 102 217 1 6 3	3 1 15	27 20 20	1 4	1 1	4
1 5 1 288 1 276	97 1 333 37 14	35 1 46 480 1 10 1 88 3 1 29 282	321 728 9 30	30 15 8 177 2 924 83 18 15 3 18 129	22 1 892 1, 547 1 1 28 72 1 10 22 20	132 33 30 176 1 877 356 58 6 1 62 320	27 2 902 1,310 2 3 9 11 47 3 14 17	96 17 50 75 1 453 1 532 43 2 60 313 248	18 398 561 2 4 4 4 2 10 8 194	51 3 28 58 2 313 447 23 3 4179 188 2	180 218 1 2 1 1 1 1 3 2 57	29 98 121	66 47 1	6 1 15 16 2 64 83 	10	3 2 8 8 7 4	3	. 1	
4	165	13 1 15 15 17 1 20 1	592	25 32 22 6 255 64 1 29 7 4 3 16	1, 269 1	10 29 79 45 526 129 12 183 13 4 9 35	739	4 46 22 80 114 490 118 17 4 100 24 2 6	7	6 57 8 36	2	13 95	1	2 1 23 1 49 57 15 9 		3			

Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		[In this tab	o, the occu		NATIVE		FOREIGN WHI	-BORN	NEGI		OTHER 1	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
-	LEATHER INDUSTRIES—Continued											
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Shoe factories—Continued.  Apprentices:     Machinists' apprentices.     Other apprentices. Charwomen and cleaners. Chauffours and truck and tractor drivers. Draymen and teamsters. Dyers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers. Operatives. Operatives. Painters, glaziers, and varnishers (factory). Porters. All other occupations.	27 258 40 403 41 114 329 476 705 492 18, 389 209, 928 244 475 30	27 227 14 403 41 79 326 476 703 480 13, 647 128, 377 117 475 22	31 28 35 35 3 2 12 4,742 81,551 127	25 209 11 322 28 60 240 318 507 239 10, 549 89, 980 94 43 18	27 16 27 2 1 7 4, 394 70, 382 109	2 15 3 54 12 16 71 142 187 162 2,458 37,544 23 41 4	2 6 5 5 312 10,998 17	37 1 13 15 15 9 78 591 678	3 1 3 3 32 167 1	1 1 49 195	4 24
16	Tanneries	58, 420 643	52, 512 641	5,908	30, 108	4, 522	19, 375	1,227	2, 630	135	401	24
17 18 19	Owners, operators, and proprietors	1, 055 2, 004	1, 045 1, 938	10 86	883 1, 381	- 56	161 542	2 7	1 14	3	1	
20 21 22 23	Chemical engineers 1 Chemists Electrical engineers Machanical engineers	12   250   13   30	12 241 13 30	9	11 189 11 26	.9	1 51 2 4				1	
24	Mechanical engineers. Other professional pursuits. Accountants and auditors.	29 165	23 150	6 15	18 132	13	5 18	2 2				
25 26 27 28 29	Accountants and auditors	46 813 1, 259 185	45 345 818 185	468 441	38 310 710 158	418 411	7 29 102 27	50 29	6	i		
30	Commercial travelers Credit men errand, and office boys and girls Messonger, errand, and office boys and girls Office appliance operators Purchasing agents	19 65 30	18 61 2	1 4 28	15 49 2	1 4 27	3 8	1	4			
32 33 34 35 36 37 38	Purchasing agents Salesmen and saleswomen Shipping clerks Stanographers and typists Weighers Other clerical pursuits	83 188 797 655 27	81 185 767 41 27 18	3 30 614	72 151 613 35 22 16	2 3 25 573	9 32 135 5 3 2	5	1 18 2		1 1 1	
39 40 41		40 267 16	40 267 14	2	21 191 10	2	18 76 4		1		l	
42 43 44	Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary)	33 118 376	33 118 370		24 106 274		8 12 99 216		2			
45 46 47 48	Blacksmiths. Carpenters. Compositors, linotypers, and typesetters. Cranemen, derrickmen, holstmen, etc. Electricians. Engineers (stationary) Machinists. Mechanics (not otherwise specified) Millwrights. Plumbers and gas and steam fitters. Other skilled trades.	573 191 198 98 43	573 191 108 98 43		341 137 106 74 22		49 91 24 17		15 5 1			
49 50 51	Apprentices. Chauffeurs and truck and tractor drivers		47 305		41 235		6 57					
52 53 54 55	Draymen and teamsters	98 314 71 596	98 302 69 596	. 2	55 160 36 317	2	34 132 32 235	9	10 1 43		1	
56 57 58	Guards, watchmen, and doorkeepers Janitors Laborers	408 80 16, 809	406 74 16, 296	2 6	252 26 8, 784	3	148 30 5,516	1 3 101	5 18 1,699		297	7
59 60 61	Ollers of machinery Operatives Painters, glaziers, and varnishers (factory)	28,993 $271$	25, 395 205	3, 598 66	13, 452 120	43	11, 122 78 10	952 19	733 6 18	4	88 1 2	17
62 63	PortersAll other occupations	. 9	39 2		9	4		. 3	10			
64 65	Trunk, suitcase, and bag factories Owners, operators, and proprietors	8, 461 269	7,100	3	4,849	1, 150			201	29	80	1
66 67	Managers and officials Foremen and overseers	234 228	228 215	13	185 168	13			2		. 2	
68 69	Designers Other professional pursuits	10 15 26	10 12 26	8	6 11 23	2	1 3	1		-		
70 71 72 73	Accountants and auditors Agents (not elsawhere classified) Bookkeepers and cashiers Clerks	14 151 264	14 55 168	96	13 54 152	89	- 1 1 12	7 5	8	-	1	
71 72 73 74 75 76	Commercial travelers.  Messenger, errand, and office boys and girls.  Salesmen and saleswomen.	100 21 114	100 20 103	111	80 19 79	1 9	17 1 28	1	. 1		2	i
77 78 79	Shipping clerks Stenographers and typists Other clerical pursuits	141 163 32	139 4 27	159	112 4 23	:   149		_ 10	. 6		2	

 $<sup>^{\</sup>rm I}$  Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

10 TO 17 YEA OLD		AND 19 ARS OLD		4 YEARS LD	25 TO 34 OL		35 TO 44		45 TO 54	4 YEARS	55 TO 64 OL		65 TO 74 OI		75 YI AND		UNKN	
Male Remai		e Fe-male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
2 9 1 1 14 7 7 0 1,724 8 7,466 8,5	3 	5 9, 787	34 46 65 316 20 15 5 5 2,913 20,263 21 76 4	10 	6 6 150 8 20 24 53 23 22 2, 898 30, 775 15 127 4	7 1 886 19, 407 26	2 1 87 10 12 39 117 76 60 1,901 28,709 1106 4	1 5 4 1 472 14,000 12	1 	2 2 2 2 235 7, 238 8	1 20 9 2 85 108 225 140 785 9,589 9	3 	58 45 203 100 372 3, 384 4 23	13778	13 3 34 17 44 422 2 3	1 3 57	2 9 44	1 36
1, 317 6	52 2, 26	9 847	6, 119	1,408	10, 971	1, 352	13, 005	1, 029	10, 819	429	5, 918	144	2,284	36	261	4	49	7
<u>i</u>	1	9 2	10 26 87	2 18	91 195 410	1 1 21	183 346 560	2 15	184 271 476	1 1 6	121 139 296	<u>2</u> 3	41 56 90	2	10 11 9		1	
37 30 1 29 1 1 	11 1 27 7 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 42 15 5 16 7 187 7 187 7 197 197 197 197 197 197 197 197 197	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4 88 83 22 5 5 42 2 3 3 8 2 30 8 2 30 8 2 30 3 5 5 2 2 7 207 8 8 2 2 6 6 3 3 4 40 47 7 9 8 3 5 3 5 2 0 9 9 4 118 14 6 6 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 8 144 125 11 11 200 200	7 64 4 9 5 5 66 18 8 73 142 2 1 1 1 3 3 9 9 1 1 1 1 3 3 1 1 1 1 1 1 1	1 1 77 68 2 1 1 2 54	25 1 5 4 20 10 61 78 48 6 6 1 1 23 30 85 3 3 1 74 4 4 5 26 10 150 22 28 12 24 40 40 157 22 24 40 40 157 24 24 24 24 24 24 24 24 25 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	1 3 42 23 1 1 2 14 1 1 1 2 1 1 1 2 1 1 1 1 1 1 1	15 5 8 3 3 10 9 19 21 2 2 2 2 60 1 3 3 7 7 84 4 1 1 2 2 3 4 4 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	1 15 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 1 1 5 5 21 17 1 4 8 8 8 1 3 2 2 3 3 28 1 1 1 5 5 8 3 3 4 7 7 18 8 2 4 1 8 2 2 4 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 8 2 2 1 1 1 8 2 2 1 1 8 2 2 1 1 2 1 1 1 1	1 3	1 1 2 1 1 1 1 2 2 1 2 1 2 1 2 1 7 7 3 63		2	
659 4	1, 02	541	2,777 43 4	732 23	5, 091 44 7	720 13	6,538 39 10	705 6 2	5, 149 32 6 2	284 5	2, 902 18 7	93 1	1, 116 3 2	23	122	1 	19	6
357 16	32 46	216	945	879	1, 516	312	1,578	198	1, 802	82	656	12	244	5	80		7	===
	5 7 18		4 11 11 2 3 1 19 35 4	1 3 3 39 31	41 58 44 2 5 11 13 40 23	1 2 1 28 28 26	85 66 70 3 2 5 3 8 27 28	1 3 4	71 53 57 2 6 3 4 20 26	2 3 4 3	41 26 24 2 2 1 4 2 9 13 13	ī	19 9 6 1 1 1 4 5	1	1			
	0 14	:	14 28 1 2	61	25 34 1 7	45 2	23 81 11	4 2 13 1	22 15 4	1 5	10 12	i	6					

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

-			le, the occu		NATIVE		FOREIGH WH	N-BORN	NEG		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 10 112 13 14 15 17 19 20 21	LEATHER INDUSTRIES—Continued Trunk, suitcase, and bag factories—Contd.  Cabinetmakers. Carpenters. Compositors, linotypers, and typesetters. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Sawyers. Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers. Other skilled trades. Apprentices. Chauffeurs and truck and tractor drivers. Firemen. Guards, watchmen, and doorkeepers. Laborers. Operatives. Painters, glaziers, and varnishers (factory). Porters. All other occupations.	23 69 12 19 82 84 14 28 58 16 15 34 37 82 24 30 972 4,900	23 69 112 19 82 84 14 28 58 16 15 33 82 24 30 890 4,020	4 82 874 3	15 37 6 12 67 46 10 21 50 15 8 8 11 13 27 500 2, 657 90	44	7 28 6 7 14 36 6 6 1 7 7 11 3 5 4 3 100 1, 293 15 25	9 123 1	1 1 2 2 13 7 80 41 2 21	2 25 1	1	
22	LUMBER AND FURNITURE INDUSTRIES Furniture factories	208, 098	246, 610	21, 488	168, 495	18, 544	9 69, 355	2, 262	7, 324	610	1, 486	72
23 24 25	Owners, operators, and proprietors  Managers and officials  Foremen and overseers	4, 807 5, 353 6, 333	4, 759 5, 238 6, 086	48 115 247	3, 017 4, 557 4, 933	35 103 216	1, 714 676 1, 130	11 12 29	22 4 21	2	6. 1 2	
26 27 28 29 30 31 32 33 34	Chemists Civil engineers and surveyors. Designers. Draftsmen. Electrical engineers. Machanien engineers. Photographers. Trained nurses Other professional pursuits.	32 16 711 724 27 145 17 10	30 16 646 718 27 145 14 1	2 65 6 3 9	25 10 485 555 23 121 12	58 4 	5 6 180 163 4 24 2 1	7 2			1	
35 36 37 38 39 40 41 42 43 44 45 46 47 48 50 51	Accountants and auditors Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Canyassers Clerks Collectors Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Sales agents Sales agents Salesmen and saleswomen Shipping clerks Stenographers and typists Weighers	751 157 448 3, 715 52 6, 138 1, 745 204 206 128 241 31 1, 930 3, 112 3, 873	701 140 438 1, 408 37 3, 992 1, 735 250 184 23 229 29 1, 894 3, 071 112	50 17 10 2, 307 15 2, 146 10 10 14 22 105 12 2 36 41 3, 761	625 135 363 1, 295 33 3, 525 1, 609 232 163 19 210 27 1, 698 2, 581 101 8	49 15 8 2, 106 14 2, 006 9 10 13 22 102 11 2 30 32 3, 559 2	76 5 66 111 4 485 48 123 123 13 13 19 2 2 184 437	1 2 1 198 1 136 1 1 3 1 1 6 8 16 1	28	3 3 3 1 6	2 2 2 1	1
522 533 544 555 566 577 588 600 611 622 633 644 655	Blacksmiths Boller makers Boller makers Brick and stone masons and tile layers Cabinetmakers Carpenters Compositors, linotypers, and typesetters. Coopers Cranemen, derrickmen, hoistmen, etc. Electricians Engineers (stationary) Engravers Forgemen and hammermen Machinists Machinists Mechanics (not otherwise specified)	96 29 23 39, 934 7, 934 7, 934 7, 934 7, 934 7, 934 1, 002 49 19 4, 827 1, 574 613	96 - 23 - 23 - 23 - 23 - 24 - 24 - 24 - 24	4 1 8 8	45 45 115 19,983 3,761 60 8 15 258 783 38 14 3,828 1,248 489	4 1 8	46 8 8 19, 451 3, 960 5 3 49 212 8 5 961 288 124	1	390 109 1 1		155 93 1	
73 74 75 78 77	Millwrights Molders, founders, and casters (metal):  Iron molders, founders, and casters All other molders, founders, and casters. Painters, glaziers, and varnishers (building) Pattern and model makers. Plumbers and gas and steam fitters. Sawyers. Skilled occupations (not elsewhere classified)! Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers. Upholsterers. Other skilled trades.	115 79 291 133 2, 315 2, 246 515 325 29, 854 11	10 15 79 291 133 2,307 2,242 515 325 28,046	8 4 1, 208	10 53 221 111 1, 869 1, 290 389 240 17, 893 6	6 4 880	5 20 69 21 413 934 122 85 9, 868 5	1 282	4 1 22 3 1	1 31	2 1 3 15 3	15

<sup>&</sup>lt;sup>1</sup> Most of these were returned as "wood carvers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES-Continued

10 TO 17 O1	7 YEARS	18 AT YEAR	D 19 S OLD	20 TO 24 OI	YEARS	25 TO 34 OL	YEARS D	85 TO 44 01	YEARS	45 TO 54 OI	YEARS	55 TO 64 OL		65 TO 74 OL	YEARS D	75 Y AND (	EARS OVER	UNK	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
12 22 94 201 8 1	1 1 15 121 1	3 4 4 4 1 1 14 5 	2 14 155	3 5 15 14 1 7 3 5 5 12 2 136 508 22 2	1 23 218	8 15 5 12 16 22 1 1 8 8 5 5 12 1 198 8 22 2 5 8 6	18 186	4 13 2 5 24 16 4 4 4 13 5 3 6 8 1 1 150 010 18 18	11 124	4 17 4 6 14 15 8 9 9 23 4 2 5 5 1 1 22 748 12 5 5	3 50	4 13 1 1 7 7 8 1 1 2 3 3 13 63 357 8 4 7	7	1 2 4 2 2 2 2 134 134 5	4	1 3 12 1		1 5 1	
7, 543	1,256	12, 169	2, 626	34, 115	5, 895	58, 767	5, 454	51, 470	8, 317	42, 675	1, 854	27, 752	802	12, 228	281	1,783	34	108	19
2	4	5 22	5	. 209	3 9 28	686 1, 125 1, 497	7 31 78	1, 295 1, 720 1, 889	12 32 62	1, 310 1, 341 1, 446	12 28 50	945 659 759	11 12 14	380 199 191	3 5	70 32 9	1	1 2	
		14 87	6	9 1 84 184 1 11	16 1 1	10 7 193 226 10 52 3	13 3	5 3 145 139 10 45 5	23	4 3 125 74 3 25 2 1	6 2	1 2 67 43 2 10 2	1	1 14 12 1 2 1		3 3	1	1	
118 118 118 1 7 46 6	61 117 9 7	2 90 357 4 5 5 44 7 1 1 24 123 16 1 1	232 274 1 19 1 1 2 2 640	83 26 177 351 3 900 43 777 28 6 6 4 4 23 1 200 461 38	9 4 1 695 722 5 7 43 2 4 10 1,564	262 60 120 464 5 1, 161 122 423 423 79 4 3 74 6 6 879 38 6	13 88 4727 22 845 4 3 3 5 32 3 114 113 1,049	211 30 128 227 11 617 103 514 76 3 5 5 59 7 481 706	14 2 3 363 8 251 4 3 3 3 5 1 12 4 208	83 18 92 135 9 400 63 441 45 31 44 6 326 518	8 2 1 175 5 96 96 1 3 3 3 1 1 1 4 4 64 1 1	34 4 60 90 6 256 35 199 17 5 1 21 6 174 245	2 148 33 1	16 1 16 36 38 85 7 68 5 1 1 7 7 2 59 80	6	3 2 6 10 1 7		1 1 2	2
44 1		1 1 1 896 176 5 	1	6 3 3 3,735 666 14 2 27 7 44 27 7 620 187 32	2 1 3	13 6 7 7,960 1,466 1,466 8 121 137 9 5 1,241 417 89	1 2 2	21 4 2 9, 085 1, 946 15 3 4 76 198 9 7 1, 166 358 160	1 2	28 7 7 8, 728 1, 761 4 3 3 41 295 4 2 877 310 179	1	24 7 3 5,883 1,211 4 2 15 225 9 1 510 185 105		3, 120 558 3 105 3 205 61 39		550 101 18 23 7		22 4 4	
741		4 8 1 116 99 14 4 1,719	2	12 20 14 313 334 77 27 5,303	1 248	5 4 18 70 32 545 407 174 103 7, 915	3 1	5 4 29 64 43 455 422 124 97 5,147	1 2	5 6 7 60 27 430 480 76 67 3, 739	187	1 1 6 48 13 313 362 38 21 2,625	1 97	2 18 3 130 119 10 6 1,130	34	3 5 17 2	4	2	

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIGI WH	N-BORN ITE	NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 10 11 12 13 14	LUMBER AND FURNITURE INDUSTRIES—Continued Furniture factories—Continued.  Apprentices: Designers' and draftsmen's apprentices. Carpenters' apprentices. Machinists' apprentices. Other apprentices. Buffers and polishers (metal) Charwomen and cleaners. Chaufieurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Enamelers, lacquerers, and japanners. Friemen. Grinders (metal) Guards, watchinen, and doorkeepers. Janitors. Laborers. Oliers of machinery.	281 123 1, 110 33 1, 310 467	22 41 69 1,295 126 3,373 330 258 115 1,110 33 1,309 437	1 43 3 21 2 23 8 8	18 37 67 1, 133 83 10 2, 637 230 168 80 720 24 952 203	1 40 8 9 2 14 7	4 2 1 137 42 7 384 54 73 344 242 9 300 145	2 2 2 3 3	2 10 10 1 378 44 17 1 148	7 1	20 2	1
15 16 17 18 19 20 21	Laborers. Ollers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Porters. Saw filers. All other occupations.	39, 802 35 75, 235 10, 100 271 226 30	38, 321 35 66, 131 9, 640 270 224 15	9, 104 460 1 2	28, 952 31 47, 593 5, 955 66 185 7	7, 602 326	5, 978 4 16, 490 3, 256 46 89 7	113 1, 205 63	3, 148 1, 616 236 156	206 262 63 1	243 432 193 2	35 8
22	Piano and organ factories	18, 151	16, 428	1,723	10, 068	1, 556	8, 158	162	195	5	7	=====
23 24 25	Owners, operators, and proprietors	281 584 514	280 567 493	1 17 21	210 447 345	1 14 20	70 120 148	3				
26 27 28 29	Designers. Draftsmen. Mechanical engineers. Other professional pursuits.	10 63 19 11	10 63 19 10	i	9 51 13 9	<u>î</u>	$1 \\ 12 \\ 6 \\ 1$					
30 31 32 33 84 35 36 37	Accountants and auditors	110 14 54 315 530 27 140	101 13 50 133 291 27 135 31	9 1 4 182 245	88 11 39 114 256 22 119	9 1 3 172 228	13 2 9 19 32 3 16	1 10 17	2 3 2			
38 39 40 41 42 43	Messenger, errand, and office boys and girls.  Purchasing agents. Salesmen and saleswomen Shipping clerks. Stenographers and typists. Other clerical pursuits.	31 33 255 120 451 19	30 33 250 127 11 8	5 2 440 11	29 28 27 210 89 11 6	5 2 418 11	6 39 35 2	22	3		1	
44 45 46 47 48 49 50 51 52 53 54 55	Cabinetmakers Carpenters Electricians. Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights. Pattern and model makers. Piano and organ tuners (factory) Plumbers and gas and steam fitters. Sawyers. Skilled occupations (not elsewhere classified) 1	1, 154 268 47 107 302 508 41 21 721 21 83 38	1, 154 208 47 107 302 507 41 21 716 21 82 38	5	388 111 38 73 170 371 29 13 524 18 57	1 4	764 157 8 32 132 133 12 8 190 3 25 22		1 2 2		1	
56 57 58 59	Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades. Apprentices.	11   54   38   63	11 54 34	4	6 35 20 59	4	5 19 12		2			
60 61 62 63 64 65 66 67 68 69 70	Chaufeurs and truck and tractor drivers Draymen and teamsters Elevator tenders Firemen Guards, watchmen, and doorkeepers Janitors Laborers Operatives Painters, glaziers, and varnishers (factory) Porters. All other occupations.	112 61 33 99 138 49 1,664 8,177 594 66 52	112 61 31 99 138 44 1, 566 7, 585 582 66 47	5 98 642 12	69 38 15 58 80 13 944 4,435 306 16 33	1 89 550 9	26 21 14 39 57 19 563 3,036 273 85	4 8 92 2	17 2 2 2 1 12 59 59 3 15	2 1 1	5	
71	Saw and planing mills 2	454, 503	444, 782	9,721	287, 515	7, 734	39, 445	345	112, 264	1,598	5, 558	44
72 73 74	Owners, operators, and proprietors Managers and officials. Foremen and overseers	11, 650 8, 647 11, 434	11, 608 8, 587 11, 380	42 60 54	10, 871 8, 020 10, 019	38 59 50	682 545 1, 122	4 1 3	47 20 197	1	8 2 42	
75 76 77 78 79 80 81 82 83 84	Chemical engineers  Chemists Chemists Civil engineers and surveyors Designers Designers Lactrical engineers Lawyers Mechanical engineers Trained nurses Other professional pursuits Most of these were returned as "wood carvers"	12 31 268 30 502 128 27 131 23	12 31 268 29 499 128 27 131 2 6	1 3 21 3	11 24 237 21 424 116 22 111 2 5	1 2 20 20	1 7 30 8 74 11 3 18	1 1 1	1 1 2 2			

<sup>&</sup>lt;sup>1</sup> Most of these were returned as "wood carvers." <sup>2</sup> Includes box factories (wood).

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

10 TO 17 OI	YEARS D	18 AN YEARS	D 10 S OLD	20 TO 24 OL	YEARS D	25 TO 34 OLI	YEARS D	35 TO 44 OL	YEARS D	45 TO 54 OI	YEARS D	55 TO 64 OLI		65 TO 74 OL		75 YE AND C	ARS OVER	AG UNKN	E OWN
Male	Fe- male	Mulo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
15 37 65		1 2 2	<u>1</u>	5 2 1		1			4										
778 1 2	40 2	272 4	3 1 1	209 13 3	3	30 29 3	1 4 1	6 32 2	1 3	28 4	4	17 1	<u>2</u>	$\frac{1}{2}$	2	1 1			
30 2 11	4	163 10 0		707 30 14	7	1, 343 86 27	6	708 66 33 25 281	1 2 2	298 65 54	3	101 46 44	1	12 21 60 3		1 3 6		1	
1 2	1	9 4	1	15 43 2	1	28 161 14	3		2	20 330 2		14 197		. 86		Ď		i	
2, 603	126	3 9 3, 405	236	17 23 7, 127	358	64 33 8, 447	3 342	150 49 6, 339	10 228	313 70 5, 142	$\begin{array}{c} 1 \\ 6 \\ 126 \end{array}$	422 121 3,478	4 49	304 103 1,590	2 10	33 22 172	5	18	 1
2, 552 312	671 44	3, 648 558	1,039 64	9, 500 1, 694	2, 030 112	5 15, 192 2, 284	2, 007 115	13, 664 2, 110	1, 664 63	5, 142 10 11, 097 1, 467	1, 012 42	7, 104 862	496 15	2, 953	155 5	396 25	23	25 4	7
2 	1	0 ī		33 10 2		73 41 2	6	49 45 3	3	49 56 2	1 1 3	34 39 4	2	18 29 1	<u>i</u>	3 4			
274	100	420	204	1, 391	507	2, 871	483	3, 980	251	3, 582	117	2, 580	51	1, 182	10	160		8	
 		1 3		3 8 5	2	21 85 57	1 8 8	62 170 138	2 7	62 150 155	4 5	73 107 100	1	48 43 33	i	2 2		1	
		2		11		3 25 5		6 12 4 2		6 2		1 4 6		1 1		<u>2</u>			
******	*******			1 10	1	34	1 2		2	3	3	1 4	1	4					
*			19	10 1 4 34	51	3 13 44	66	35 4 7	1 32	13 2 15 16	i ii	3 6 6	3	5 5					
$\begin{array}{c} 1 \\ 12 \\ 1 \end{array}$	13 13	0 27 1	30	69 2 12	65 	78 9 20	76	21 44 4 20	42	28 3 43	12	26 7 26	7	7 4					
20	1	1 6		2	1	13		29 6 2 7		6		2 1	2 1	2 2					
<u>ž</u>	*******	7 6		2 20 12 6	177	58 21 2	2 107	72 25 3 1	1 43	54 29	1 12	27 20	2 1	12 11	1 1	1			
******	23		75 1	2 69	5	196	3		ĭ	3 290		1 208	1	98 26		17			
1		16 7		27 5		49 22 15		260 54 9 23 77 123		53 8 27		45 3 23		26 2 11 30		3		1	
+		1 5 14		18 70		61 124 4		77 123		64 85 12	1	42 60 9		30 19 3		3		1	
		10		1 52 3	i	150 3	2	5 234		151 5	1	88 2	1	28 1		3			
		2 3		7 6		13 1 2	1	5 14 5 2		19 4 1		19 13 3		7 8		1 1			
		3		2 2 7	2	12 6	1	18 10		18 3	1	4 2		3					
45 3	1	8 1		8 14 2		1 31 10		30 22 5		26 14		6 10		1 3					
				3 3	i	2 17 5	1	5 32 11		7 23 25		5 19 46		9 4 44		1 7			
709	10	101	11	3 219	26 167	2 230 1,319	23 176	11 319 1,881	2 14 102	7 292 1, 680	2 13 48	206 1,169	1 29	11 113 524	7	16 72		1 3	
107 12	46 3	168 18	67 1	612 44 5	6	82 6 5	1 2	146 9 10	2	134 14 16	i	106 22 9	1	38 9 4		์ เ			
1 15, 916	800	1 23, 946	1, 110	73, 214	2, 649	112, 908	2, 840	93, 346	1, 487	72, 196	712	38, 398	<b>236</b>	12, 968	55 4	1, 520	20	372 8	12
4	i	13 8 44	1 1 1	213 210 395	1 5 5	1, 614 1, 442 2, 314	4 12 12	3, 132 2, 641 3, 513	6 14 11	3, 433 2, 441 3, 075	18 20 17	2, 270 1, 359 1, 585	8 7	814 425 309		48 39		13 12	
		2		6 22		8 12 67		2 5 79 7		1 5 44		1 41 2		12		2		i	
		16		96		8 135 26	1 2	99 43	1	78 35		52 13		17 2 1		6			
				9		9 39 1	2_	8 40	5	27 1	3	11	2	4		i			
		<u>1</u>	7	1	2 1	oup "Min		neers."	.  1	] 2	1 1				,				

Included, in other occupation tables, in the group "Mining engine
 Includes, also, all technical engineers not elsewhere classified.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

		[In this tab	le, the occu	pations of	each indust	try are pre	sented in	most ca	ses in nve g	roups: Pr	oprietary	, oinciai,
					NATIVE	WHITE	FOREIGN WHI		NEG	ro	OTHER:	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 4 5 6 7 8 9 0 10 11 12 13 14 4 15 6 17 18 19 0 21 22 32 42 52 67 22 9 30 31 22 33 33 33 33 33 33 33 33 33 33 33 33	LUMBER AND FURNITURE INDUSTRIES—Continued  Saw and planing mills—Continued.  Accountants and auditors. Advertising agents. Agents (not elsewhere classified) Bookkeepers and cashiers Canvassers Clerks. Collectors Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents. Sales agents. Sales and and saleswomen. Shipping clerks. Stenographers and typists. Weighers.  Blacksmiths. Bollermakers. Carpenters. Carpenters. Carpenters. Carpenters. Canemen, derrickmen, holstmen, etc. Electricians. Engineers (stationary). Machinists. Mechanics (not otherwise specified) Millwrights. Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Sawyers. Skilled occupations (not elsewhere classified) <sup>1</sup> Tinsmiths and sheet-metal workers. Other skilled trades.	452 47 83 43 429 12 1 970 1,549 2,157 11 1,144 108 62 3,974 8,387 78 656	586 23 223 2,756 41 4,696 41 451 451 1425 12 962 1,544 108 62 3,973 8,386 957 4,402 5,850 2,141 5,156 55 112 507 26,665	22 1,160 1 661 2 1 2 1 1 2 4 8 5 1,963	531 232 204 2, 617 100 4, 036 37 426 41 55 11, 318 162 12 901 1, 318 162 6 797 84 2, 339 6, 246 118 533 888 533 87 4, 883 4, 883 8, 883	22 1, 127 1, 127 1 628 2 1 1 1 31 4 4 0 5 1, 893	54 11 132 1 501 2 244 3 3 18 50 198 198 19 12 1, 620 1, 858 12 16 88 70 440 722 182 198 198 10 10 10 10 10 10 10 10 10 10		133 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	1	2 7 7 26 1 1 5 5 1 6 6 2 2 9 9 8 8 24 9 6 1 1 2 2 110	1
33 34 35 36 37 38 39 40 41	Skilled occupations (not elsewhere classified)  Tinsmiths and sheet-metal workers Toolmakers and die setters and sinkers Other skilled trades  Apprentices: Carpenters' apprentices. Machinists' apprentices. Other apprentices Chauffeurs and truck and tractor drivers. Draymen and teamsters		77 72 57 18 21 51 169	1	19 48 15 19 48 150	1	27 15 11 2		2 1 1 3 2		1	
42 43 44 45 46 47 48 49 50 51 52 53 54 55	Chaufeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firemen. Grinders (metal). Guards, watchmen, and doorkeepers. Janitors. Laborers. Oilers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Porters. Saw filers. All other occupations.	7, 314 37 3, 687 248 251, 741 848 58, 986 1, 671	10, 578 5, 625 7, 313 37 3, 682 248, 808 248, 808 56, 389 1, 644 23, 870 21	2 3 3 1 17 2,938 2,597 27	8, 620 3, 833 4, 159 2, 816 113 131, 605 632 41, 924 1, 325 13 3, 430 15	1 2 2 1 4 6 1,501 2,231 25	282 278 18 519 7 457 59 17, 581 109 7, 570 236 360 3	3 81 115 2	1, 626 1, 478 2, 606 1 388 55 95, 108 90 6, 309 67 44 72 3	1 1 8 1,329	50 36 20 21 4,419 8 577 16	27
56	Other woodworking factories	122, 274	109, 183	18, 091	73,610	10, 135	19, 497	923	15, 431	1, 176	645	857
57 58 59	Owners, operators, and proprietors Managers and officials. Foremen and overseers.	2, 967 3, 362 3, 844	2, 932 3, 308 3, 739	35 54 105	2, 224 2, 981 3, 172	27 52 97	698 326 528	7 2 5	6 39	2	4 1	1
60 61 62 63 64 65 66	Chemical engineers <sup>2</sup> Chemists Civil engineers and survoyors Designers Draftsmen Electrical engineers Mechanical engineers <sup>3</sup> Other professional pursuits	24 91 31 86 290 24 93 16	24 90 31 81 289 24 93 8	5 1	21 84 26 43 233 20 75	1 4 1 7	3 6 5 38 56 4 18	<u>-</u>   				
68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84	Accountants and auditors Advertising agents. Agents (not olsewhere classified) Bookkeepers and cashiers. Canvassers. Collerks Collectors Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasing agents. Sales agents. Sales agents. Sales agents. Sales agents. Shipping clerks. Shipping clerks. Stenographers and typists. Weighers.	281 14 110 1, 457 12 1, 977 11 366 25 108 24 212	257 12 108 740 11 1, 404 11 364 23 102 9 210 4 478 789 62 13	2	233 10 98 696 9 1, 255 7 336 21 91 7 191 4 42 2667 56	23 2 2 667 1 539 2 1 4 14 2 2 7 15 1,090 2	24 2 8 42 2 124 4 28 2 5 1 17 	1 48 28 1 1 1 1 48	1 1 21 	5	1 1 4	1

<sup>1</sup> Most of these were returned as "wood carvers."
2 Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

0 TO 17 OI	YEARS D	18 AP YEAR		20 TO 24 OL		25 TO 34 OLI	YEARS	35 TO 44 OLI	YEARS D	45 TO 54 OL		55 TO 64 OLD		65 TO 74 OL	YEARS D	75 YE AND C	ARS VER	UNKN	
Íale	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1 7 61 33 1 10 2	14 23 2 2	3 94 1 189 1 1 1 18 2 2 8 8 35 11	75 77 2 2 1	42 6 6 501 3 829 31 5 10 5 12 2 2 93 172 72	304 167 1 2 17	168 10 60 933 1,455 6 6 80 4 300 418 73 1	6 403 1 240 1 2 2 10 1 2 2 637	197 3 66 629 2 1,007 7 154 14 2 3 129 1 1275 412 25	245 100 1 3 2 3 3 192	107 3 41 339 2 6 692 6 72 7 7 114 3 107 924 8	5 1 83 48 	48 1 20 178 2 348 4 4 46 5 5 2 2 85 137 1	26 10	17 70 11 101 5 14 1 1 18 30 34 2	1 8	2 3 8 13 1 2 		1	2
38 2 5 6		3 46 46 139 155 177 322 1100 300 1 3 8 8 708 5 2 1 1	2	327 646 327 1 96 133 105 104 165 9 13 3 308 8 8 8 12 4	2	159 30 16 7200 1, 531 43 18 257 346 731 1, 526 794 200 28 144 46, 733 13 27 13 24	3	321 41 17 956 1, 955 17 103 287 1, 174 1, 565 573 1, 383 8 23 1600 7, 041 12 14 4	1 1 6	350 18 12 914 1, 950 18 70 131 1, 190 1, 223 433 1, 497 21 108 5, 554 10 4	2	216 8 2 040 1, 393 4 15 15 40 758 638 253 27 0 16 40 2, 622 14 4	1	52 5 321 645 3 8 5 200 193 74 343 1 6 8 807 7 3 3	1	2 40 84 1 37 27 10 24 1 1 1 89 2		2 4 5 5 2 8 3 3	
13 47 72 309 162 2 60 	394	2, 579	1 377 323 4	8, 394 260 7 226	1 2 1 1 2 2 687 643 72 2	1 7 4, 123 1, 454 2 1, 751 12 337 19 66, 257 244 14, 452 443 14 728	1 1 1 2 4 659 605 8	1, 670 1, 214 6 1, 936 7 514 42 46, 004 42, 224 12, 091 344 14 1, 002 7	1 1 1 455 418 2	598 956 13 1,660 7 896 39 32,544 9,427 266 8 1,019	257 195	15, 474 78 5, 419 171 8	4 60 81 1	4, 929 22 1, 851 63	10		11		
4, 336 1 1 6 6 57	183	16 28 3 28 7 100	2 1 3 74	160 44 4 53 66 18 18 32 64 22 2 8 11 1 46 4 13 13 13 13 13 13 13 13 13 13 13 13 13	26 	79 77 34 2 93 5 29 243 3 895 6 4 2 2 50	1 2 1 1 2 2 238 1455 1455 1 1 1 2 2 2 3 8 2 3 8 2 3 8 2 3 8 3 4 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	76 32 28 28 28 253 3 2 25 2 2 142 1444	2 9 1 124 79	22 8 34 21 34 22 22 24 24 38 38 38 39 39 39 39 39 39 39 39 39 39 39 39 39	100 7 100 100 100 100 100 100 100 100 10	026   602   508   8   4   144   144   33   2   20   1   1   6   1   6   1   1   1   1   1   1   1   1   1   1	111	307 100 148 148 22 23 10 11 11 11 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	7 1 3 3 3 3 7 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	51 - 21 7 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3			

1 Most of these were returned as "wood carvers."

## OCCUPATIONS—GENERAL REPORT

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

		(TD this fau			NATIVE		FOREIG WH	N-BORN	NEG		OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	LUMBER AND FURNITURE INDUSTRIES—Continued											
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 22 22 23	Other woodworking factories—Continued.  Blacksmiths Bollermakers. Cabinetmakers. Cabinetmakers. Carpenters. Compositors, linotypers, and typesetters. Coopers. Coppersmiths. Cranemon, derrickmen, holstmen, etc. Electriclans Engineers (stationary). Engravers. Forgemen and hammermen. Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glazlers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Sawyers. Skilled occupations (not elsewhere classified). Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	30	142 12 2, 273 2, 502 6, 676 10 221 166 827 87 87 801 2, 467 801 15 1, 600 1, 169 43 43 43 149	21 	120 3, 522 183 146 685 60 8	20	38 3 1, 214 990 10 1, 922 8 8 118 21 2 508 148 147 16 230 636 46 2	3	8 111 65 2 1, 218 20 23 50 23 12 1 2 27 5 5 1 27 5 5		1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
24 25 26 27 28 29 30 31 32 33 34 35 37 38 39	Apprentices:  Machinists' apprentices. Other apprentices. Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firemen. Grinders (metal). Guards, watchmen, and doorkeepers. Janitors. Laborers. Ollers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Porters. Saw filers. All other occupations.	24 248 1, 531 585 69 1, 412 30 885 166 40, 332 78 35, 059 1, 065 55 305 46	24 247 1, 531 855 69 1, 412 167 30, 882 167 37, 381 27, 806 975 55 55 305 32	3 9 2, 951 7, 253 90	21, 944 59 20, 101 637 14	1 2 7 1, 923 5, 517 66	1 21 115 59 16 168 6 181 51 3, 814 6, 069 322 15 30 6	176 579 19	1 14 101 66 490 77 46 11, 280 3 1, 432 14 20 7		2 14 2 2 2 2 343 204 2	17
40	PAPER, PRINTING, AND ALLIED INDUSTRIES  Blank book, envelope, tag, paper bag, etc., factories.	88, 941	22, 692	16, 249	18, 506	14, 789	8, 757	1,350	394	96	35	14
41 42 43 44 45 46 47 48	Owners, operators, and proprietors	58 171 1,239 58 171 71 11 66	641 1, 565 884 57 122 70 11 66	22 82 355 1 49 1	483 1, 399 733 50 86 62 9	20 76 381 1 43 1	157 163 149 6 36 8 2 4	6	1 1 2			
50 51 52 53 54 55 56 57 58 59 60 61 62 63 64	Mechanical engineers. Other professional pursuits  Accountants and auditors. Advertising agents. Agents (not elsewhere classified) Bookkeepers and cashlers. Canvassers. Clorks. Commercial travelers. Cradit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Other clerical pursuits.	29 242 47 107 884 11 3, 231 423 149 63 67 552 935 1, 503 1, 503	22 209 34 102 250 10 1, 547 419 39 131 6 62 532 900 50 20	7 33 13 5 625 1 1, 684 3 18 57 5 20 35 1, 453	20 189 33 89 230 9 1, 373 388 30 119 5 58 478 478 48 18	7 29 12 574 1,566 4 2 16 53 5 18 33 1,395	2 20 1 13 29 1 157 31 6 	115 115 1 2 56	7 1 2 16		1	1
65 66 67 68 69 70 71 72 73 74 75 76	Carpenters Compositors, linotypers, and typesetters Electricians Engineers (stationary) Engravers Machinists Mechanics (not otherwise specified) Millwrights Pattern and model makers Plumbers and gas and steam fitters Pressmen and plate printers Toolmakers and die setters and sinkers Other skilled trades	86 1,765 101 129 156 1,290 223 88 71 40 443 111 35	80 1, 537 101 129 143 1, 290 223 88 69 40 443 111	13	61 1, 305 84 91 111 979 177 72 42 83 410 89	209	25 222 16 37 32 306 46 16 27 7 29 22 16			1	3	1

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES-Continued

 $and \ supervisory \ pursuits; \ professional \ pursuits; \ clerical \ and \ \texttt{kindred} \ pursuits; \ skilled \ trades; \ and \ other \ pursuits]$ 

10 TO 1 O	17 YEARS OLD	18 AT	ND 19 IS OLD	20 TO 24	YEARS'	25 TO 34 OL	YEARS		4 YEARS	45 TO 5	4 YEARS LD	55 TO 64 OL	YEARS	65 TO 74	YEARS	75 YJ AND (	SARS OVER	UNK	e Nown
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
16 2 50	1	1 48 52 11 188 3 6 6 1 61 61 6 3 44 1 96 29	2	6 3 2954 2054 38 576 6 3 6 3 6 7 22 8 6 8 7 21 2 1 2 1 2 2 1 8 8 1 1 1 1 1	8	17 4 450 483 48 1, 228 132 2 132 2 577 103 68 8 3 430 27 627 124 49 5	1	28 1 521 610 14 1,513 2 60 51 213 15 2 648 197 140 454 34 470 250 8 8 37 4	2	48 3 527 612 9 1, 478 215 16 2 2497 184 192 192 275 26 369 271 10 31	1	27 1 301 395 8 1,006 6 5 16 2 299 120 92 144 122 240 210 7 13	1	12 159 169 2 542 3 1 51 110 110 58 36 63 3 3 91 82 3 7		3 24 42 05 7 3 7 15 8 27		2 5 	
21 169 35 10 2 6 1 2,556 1 1,251 50	381 846 11	2 45 89 22 22 11 2 6 4 3,084 3 1,606 22 3 1	413	1 200 344 71 4 102 22 21 11 7, 277 9 3, 887 134 7 14 3	1 730 1,760 23	4 563 130 4 282 8 70 17 9,003 18 0,003 184 6 52 8	3 701 1,527 18	318 139 8 3911 7 130 22 6, 404 19 5, 416 180 8 72 3	1 423 1,003 11	135 123 12 362 4 204 35,000 11 4,700 165 16 65	1 3 221 608 8	42 62 21 100 27 37 277 36 2, 657 11 3, 142 132 6 06 4	2 66 320 4	4 25 16 60 2 140 29 1,072 6 1,484 8 31 5	1 13 115 1	23 3 6 23 3 125 206 11 1 1	32	53	3
904	1, 494	1, 469	2, 412	3, 529	4, 885	5, 720	4, 159	4, 834	1, 957	8, 412	900	2, 001	359	719	65	90	6	14	12
2 1 5 74 81	18 112 11 5 77 14 14	1 14 14 1 157 20 1 1 1 0 9 34 4 9 9 2 3 3 2 2 2 2 2 2	1 18 59 235 25 1 5 5 220 20 2 2 2 2 2 2 2 2 2 2 2 2 2 2	8 30 45 16 22 14 7 3 3 24 4 2 13 3 3 5 5 46 218 16 2 2 8 321 15 8 8 321 15 8 8 28 153 27 7 4 4 101 14	55 50 10 1 1 1 10 2 2 2 200 1 538 1 1 3 25 2 2 3 1 1 603	84 338 229 20 223 211 3 3 18 6 100 20 20 20 10 175 22 12 12 12 12 12 14 41 42 42 847 75 15 17 24 41 42 847 75 17 24 42 847 847 847 847 847 847 847 847 847 847	4 26 95 1 7 7 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1	183 553 284 11 26 14 26 52 26 52 23 31 121 6 147 147 147 147 147 147 334 21 31 35 350 522 938	9 23 115 16 	188 885 196 5 22 15 4 10 4 18 3 29 26 6 171 7 194 7 7 193 3 3 25 168 89 9 245 25 168 171 27 29 20 20 20 20 20 20 20 20 20 20	6 17 54 6 4 2 42 77 1 1 4 5 2 20	116 184 94 3 19 1 2 5 2 19 19 5 4 6 6 2 2 19 19 19 19 18 18 18 16 16 5 5	2 8 8 17 4 4 1 1 1 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4	51 53 26 4 2 6 4 6 4 17 15 20 3 10 24 4 13 13 13 13 3 3 3 3 3	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 4 2 3 2 1 3 2 2 1 3 2	1	1 1 1 1 1	1

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# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

					NATIVE	WHITE	FOREIG			GRO	OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 10 11 12	PAPER, PRINTING, AND ALLIED INDUSTRIES—Continued  Blank book, envelope, tag, paper bag, etc., factories—Continued.  Apprentices. Chaufeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janifors. Laborers. Operatives Painters, glaziers, and varnishers (factory). Porters. All other occupations.	80 395 32 43 147 161 108 3, 926 17, 127 71 46	70 305 32 42 147 150 105 3,072 0,488 48 46 35	1 	75 827 24 27 97 108 55 2, 294 5, 229 35 7 27	1 1 3 772 9,567 22	4 37 2 12 46 38 28 605 1,174 12 13	57 909 1	30 6 3 5 4 21 163 77 1 26	21 67	1 1 10 8	4 6
13 14	Paper and pulp mills Owners, operators, and proprietors	179, 792	155, 286 802	24, 556	115, 440	20,718	32, 592	2,809	6, 693	846	511	98
15 16	Owners, operators, and proprietors	4, 621 5, 806	4, 549 5, 530	$\begin{bmatrix} 72 \\ 276 \end{bmatrix}$	3, 976 4, 345	64 237	568 1, 131	8 <b>34</b>	4 46	5	1 8	
17 18 19	Chemists. Civil engineers and surveyors.	1,015 1,171	149 997 171	18	118 883 152	18	$\begin{array}{c} 31 \\ 112 \\ 19 \end{array}$		i		1	
20 21 22 23	Designers Draftsmen Electrical engineers	40 216 163	34 215 163	6 1	27 187 138	6	7 28 25					
24 25	Mechanical engineers 2 Trained nurses Other professional pursuits	330 76 22	330 2 20	74 2	267 2 17	66 2	63	8				
26 27 28	Accountants and auditors	966 95 332	886 80 830	80 15	802 73	79 15	82 7	1	2	-		
29 30	Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Canvassers Clerks	2, 484 21 7, 508	1, 146 19 4, 958	1,338	295 1, 044 19	1, 235	34 102	100	1: 		1	2
04	Conectors	7, 305 32 791 73	4, 908 30 787 70	2, 550 2 4	4, 377 25 726	2,425 2 4	542 5 54	118	38	6	5	1
35 36 37	Commercial travelers. Credit men Messenger, errand, and office boys and girls. Office appliance operators Purchasing agents. Sales agents. Sales men and saleswomen Shipping clerks. Stenographers and typists. Welghers.	314 97 354	293 11 344	3 21 86	256 11 312	19 81	21	1 2 5	15		1	
38 39 40	Sales agents Salesmen and saleswomen Shipping clarks	1, 436	21 1, 411 2, 416	10 1 25 39	20 1, 287	10 1 25	30 1 122		2		2 3	
41 42	Stenographers and typistsWeighers	2, 455 3, 655 178	171 168	3, 484 10	1, 956 162 130	3, 335 8	424 8 28	146 2	33	3	1 1	
43 44 45	Blacksmiths Boilermakers Brick and stone masons and tile layers Carpenters	350 113 177	350 113 177		220 88 106				4 6 4			
47	Carpenters Compent finishers Compositors, linotypers, and typesetters Cranemen, derrickmen, hoistmen, etc.	1, 438   14 14 1, 154	1, 438 14 1, 076	78	1, 126 10 956	68		10	7			
49 50 51	Electricians	2,085 2,709	280 2,085 2,709		233 1, 820 2, 172		44		3 1 16		2	
54	Engineers (stationary) Engravers Machinists Mechanics (not otherwise specified)	4, 191	42 4, 191 1, 533	2	36 3,337 1,182	2	821 335		30 14		3	
55 56 57	Millwrights Painters, glaziers, and varnishers (building) Pattern and model makers	1, 533 3, 554 77 57	3, 554 77 57		2, 645 63 47		900   14 10		, T		4	
60	Plumbers and gas and steam fitters	1, 640 197 107	1, 640 197		1, 316 153 81		318 37 26		6 6		1	
62	Toolmakers and die setters and sinkers Other skilled trades	80 24	107 80 24		60 20		20   . 4   .					
63 64	Apprentices: Machinists' apprentices Other apprentices Charwomen and cleaners	35 98	35 97		33 88	1	2 9					
67	Draymen and teamsters	27 2, 392 469	2, 390 469	18	1.835	1	293 90	9	2 250 53	5 1	12	
69 70	Dyers. Elevator tenders. Filers (metal)	101 58	31 160 58	1	325 22 88 42	i	58 16		14			
72	Firemen. Guards, watchmen, and doorkeepers. Housekeepers and stewards <sup>3</sup> Janitors.	3, 307 1, 242 16	3, 307 1, 242 2	14	2, 122 798 1		919 418	3	262 26		4	
74 75 76	Laborers Oilers of machinery	52, 038 999	497 49, 677 999	2, 361	33, 021 717	1,775	147 11, 632 265	299	107 4, 711 16	259	313 1	28
77 78 79	Operatives Painters, and varnishers (factory) Policemen	63, 629 450 24	49, 709 445 24	13, 920	37,731 353 21	11, 155	265 11, 027 92 3	2, 140	821	564	130	61
80 [	Porters	238    ining enginee: ssified.	238		32		33 1		172		1  .	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

	7 YEARS	18 AT YEAR	ND 19 IS OLD	20 TO 24	1 YEARS LD	25 TO 34 OL		35 TO 44 OL	YEARS D	45 TO 5:	YEARS LD	55 TO 64		65 TO 74		75 YI AND	EARS OVER	UNKN	E IOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
40 77 2 1 1 2 210 413 1 2 1	00 1, 150 3	16 27 	142 1, 681 5	20 85 5 1 6 2 2 632 1, 143 8 3	1 	3 158 12 6 19 7 11 669 1, 628 18 3 6	187 2, 592 3	68 5 7 38 15 15 474 1, 204 10 13	1, 260 2	40 7 6 44 29 21 381 833 7 12	1 1 52 585	10 1 9 27 60 31 261 506 3 6	1 19 244 1	9 9 25 10 111 172	9 43	3 1 11 3 15 18	1 2	1 2 3	5
2, 635	1, 654	7, 101	3,049	23, 386	6, 766	41,727	6, 436	35, 638 203	3,722	25, 590 221	1, 945	13, 880	759	4,711	180	492 17	19	76 1	26
3	1	7 24	27	13 82 216	11 50	102 900 1,257	20 76	203 1, 521 1, 759	2 22 75	221 1, 208 1, 866	5 8 47	169 609 696	4 4 15	76 190 184	2 4	17 29 20	2	3 5	
1 2 10 142 172 8 1 1 1 1 3 3 3 1 1 1 1 3 3 1 1 1 1 1 1	31 84 120 4	14	2 2 98 263	20 318 9 4 399 8 6 1 123 100 111 252 4 1, 147 7 7 48 8 2 2 30 408 61 173 160 408 61 7 7 7 7 7 7 7 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9	5 19 4 1 395 5 1 772 1 1 5 32 2 1 8 8 1,412 2	690 24 9 491 51 41	20 1 34 7 479 1 831 1 1 1 2 2 7 6 14 1,080 1	30 140 73 8 30 9 53 122 2 102 102 102 102 102 102	17 17 17 1 216 382 1 1 2 4 4 289 2	20 45 45 77 21 32 50 82 113 82 115 53 4 163 15 103 22 23 30 103 22 23 30 4 4 4 22 22 379 12 30 30 4 4 4 22 379 12 30 30 4 4 4 4 22 379 4 4 4 4 4 4 22 4 4 4 4 4 4 4 4 4 4 4 4 4	18 18 1 7 89 167 1 1 2 2 4 3 67 2	3 3 14 21 1 49 4 4 39 78 8 22 81 3 3 62 3 4 5 9 162 1 16 6 73 525 4 4 390 170 529 5 5 8 131 177 5 2 2	8 1 1 21 36 2 3 15	88 3 3 1 6 8 8 2 2 12 30 111 4 20 3 8 8 56 6 11 36 2 2 2 2 121 51 151 151 151 15 5 5 6 1 5 5	6 10	1 1 3 8 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	1 2 2 1 1 1 1 1 1 1 1	1 4 5
909	1 247 1,151	3 17 90 15 5 1 26 3 3 5 3,222 10 2,539 10		9, 176 101 8, 415	1 1 2 687 3, 315	7 19 5 772 57 57 29 12,559	3 1 1 2 519 3, 272 1	700 (	300	1 2 1 194 98 7 7 29 13 767 272 1 107 7, 568 197 7, 245 84	5 156	1 62 61 2 40 12 392 405 147 4,092 125 3,762 49	2 	11 19 3 3 31 11 85 30 2 96 1, 402 48 1, 166 15 3	1 1 22 128	1 4 5 1 5 38 13 134 5 111	3	3 4 2 27 15	1 4

<sup>3</sup> Includes hostesses and matrons.

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE 1	WHITE	FOREIGN WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	PAPER, PRINTING, AND ALLIED INDUSTRIES—Continued										_	
1	Paper box factories	24, 656	14, 052	10, 604	10, 598	9, 294	3, 183	1, 219	252	63	21	28
2 3 4	Owners, operators, and proprietors	849 939 867	830 907 669	19 32 198	514 783 548	15 28 176	315 122 119	4 4 21	······································	1		
5 6 7 8	Chemists	12 21 12 18	11 16 12 18	1 5	11 14 12 15	1 4	3					
9 10 11 12 13 14 15 16 17 18 19 20	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Clerks Commercial travelers Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Salesmen and saleswomen Shipping clerks Storgenburg and typists	6   81   23   465   844   136   41   16   27   299   381   393	70 21 121 470 135 37 3 26 293 367 9	2 344 374 1 4 13 1 16 6 14 384	3 64 20 105 416 126 34 3 24 249 297	1 11 2 300 335 1 4 13 5 9	6 1 16 52 9 3	44 36 	2	2		1
21 22 23 24	Other clerical pursuits  Carpenters  Compositors Unotweers and typesatters	10 24 26 633	9 24 26 583	50	8 20 19 514	1 46	1 4 7 84			1		
25 26 27 28 29 30 31 32	Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Plumbers and gas and steam fitters Toolmakers and die setters and sinkers Other skilled trades	26 64 527 91 43 13 96 43	26 64 527 91 43 13 96 43		26 53 378 64 31 12 88 37		10 145 26 12 1 7		4 1			
33 34 35 36 37 38 39 40 41 42 43 44	Apprentices. Chauffeurs and truck and tractor drivers. Draymen and teamsters Elevator tendors. Firemen. Guards, watchmen, and doorkeepers. Janitors Laborers. Operatives. Operatives. Painters, glaziers, and varnishers (factory). Porters. All other occupations.	23 304 55 28 64 70 41 2,587 14,284 28 23	15 394 55 28 64 79 37 1,986 5,767 13 28	8 4 601 8, 517 11	12 313 35 25 36 57 18 1,398 4,170 7	8 3 3 532 7,424 10	3 60 16 2 23 20 11 482 1,510 3 5	1 58 1,018 1	4 1 5 2 8 101 76	8 51	5 11	3 24
45	Printing, publishing, and engraving	544, 606	420, 918	114, 688	364, 194	105, 789	56, 633	7, 665	7, 246	1,048	1,845	191
46 47 48	Owners, operators, and proprietors  Managers and officials  Foremen and overseers	20, 970 22, 884 8, 077	20, 197 21, 299 6, 767	773 1, 585 1, 310	16,777 19,222 5,884	715 1, 486 1, 214	3, 225 1, 988 836	54 88 93	120 49 41		66 40 6	
40 50 51 52 53 54 55 56	Chemical engineers 1	10 90 96 174 689 73 135 175 1,728	10 88 95 97 614 73 126 174 1,673	2 1 77 75 9 1 55	8 69 83 79 477 62 114 153 1,449	2 1 68 71 8 1 49	. 19 12 18 132 11 11 20 218		1 1 1 1 2		4	
57 58 59 60 61 62 63 64 65 667 68 69 70 72 73 74 75	Social and welfare workers Trained nurses  Accountants and auditors Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Canvassers Clerks Collectors Collectors Commercial travelers Credit mon Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Sales agents Salesmen and saleswomen Shipping clerks	13 35 2, 963 11, 187 2, 558 15, 558 12, 859 52, 408 3, 356 3, 014 6, 569 1, 085 73 375 7, 800 3, 814 23, 447	4 2, 474 9, 697 2, 298 4, 294 10, 797 23, 518 2, 870 6, 316 879 342 60 7, 177 3, 658 1, 430	9 33 489 1,490 260 11,285 2,059 28,890 173 44 253 806 33 13 623 156 22,007 8	4 2, 164 9, 036 2, 069 3, 815 9, 845 20, 970 2, 551 2, 630 435 5, 758 776 317 51 6, 478 3, 012 1, 280	9 30 408 1, 427 246 10, 462 1, 917 27, 015 469 168 39 230 747 73 30 12 588 142 20, 559	306 619 219 450 1, 078 2, 289 300 206 34 349 88 25 8 8	3 21 59 10 762 117 1,744 14 5 5 177 53 3	3 27 5 11 47 195 7 1 172 12 	3 4 49 24 105 3 3	1 15 5 18 27 64 12 2 4 37 3 7 9	1 12 1 26
76 77 78 79 80	Stonographers and typists Weighers Other elerical pursuits Biacksmiths Brick and stone masons and tile layers Cabinetmakers	30 13 29	30 13 29		1 15 11 16		15 2 12			-		

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers,"

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

#### MECHANICAL INDUSTRIES—Continued

10 TO 17 OI	YEARS	18 AN YEAR		20 TO 24 OI		25 TO 34 OL		35 TO 44		45 TO 54 OI		55 TO 64 OL		65 TO 74		75 YE AND C	ARS OVER	AG	EOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fc- male	Male	Fe- male	Male	Fe- male
653	1, 461	910	1, 591	2, 216	2, 948	3, 579	2, 464	8, 182	1, 202	2,052	612	1, 048	253	406	57	53	7	3	9
	1	<u>-</u>	6	5 35 35	1 5 21	118 209 187	3 4 56	250 305 236	8 11 52	261 219 138	11 38	129 96 58	3 1 19	58 36 13	3	9 7	2		
		1		3 5 1	1 	6 7 4 8	1	1 5 1 - 5	1	1 4	1	1 	<u>1</u>	1 i					
	12	9	45	7	3	27 9	5 1 102	21 11 24	2	8	1	4	  9	3 1 3					
27 24	27 1 1	53 1 10 1	47 1 2	123 7 1	127	41 120 60 2 1	100 1 1 7	75 35	52 38 1	33 15 1 7	21	31 12	4	6 5	1	1		1	
1 16 1	20	1 19 1	1 69	31 74 3 2	6 150	7 95 117 3 2	1 1 3 95	10 94 71	2 30	41 38 1	2 1 13	13 23	1 1	17 9	1			1	
6	2	1	9	î 	1  19	6 7 191		8 4 106	7	1 4 46	2	10 27		2 1 6		1			} }
1		1 12 4		65 8		$egin{array}{c} 10 \\ 7 \\ 151 \\ 22 \\ 7 \\ \end{array}$		4 13 147 26 13		4 21 97 10 14		1 15 42 10 4		5 11 2 2		1 2			1
		2		10 12		28 6		3 34 12		15 8				3 2	******				
8 2 2 1	6	1 19 1 1	1	103 14 2	1	157 18 3		80 12 6		27 5 3 19		6 3 5 12		 5 6		 2 1			
161 402	106 1, 276	210 510	1 07 1, 300	396 1,058	179 2, 321	13 3 3 439 1, 466	123 1, 935	13   8   6   333   1,149	56 939	22 3 250 696	1 25 474	25 16 142 339	13 200	20 7 50 127	2 50	1 2 5 19	5	1	
1	1	2 1	3	2 7 6	3	2 6 2	2	2 3 3	1	2 6 5	1	1 3 5	i	2 1		1			
9, 902	6, 281	27, 182 27 252	13, 441 2 15	68, 633 412 1, 570	31, 658 21 171	3, 020 5, 430	31, 834 107 455	92, 290 5, 652 6, 410 2, 217	17, 734 214 468	5, 374 4 300	9, 107 251 314	37, 589 3, 888 2, 418 785	3, 630 136 125	12, 619 1, 490 718	845 37 25 17	1, 749 299 87	85 4 3	283 26 15	128 1 9
9	3	37	29	419 1 7	164	5, 430 1, 520 4 30	394	2 30	891	4,399 1,554 3	217	5	95	205	17	20		1	
		2 66	8 8	14 14 162 7 9	18 27	34 23 216 16 32	21 23 3	24   19   80   20   36	16 13	7 17 49 16 23 36	11 4	15 18 24 10	3	4 12 4 0		1 3		2	
22	i	97	4 1	10 345	3 1 18 3	50 531	13 2 9	54 895 1	11 4 13	36 187 1	5 1 6	24 10 16 18 77 2	2 1 2	16	1	2		1 1	
64 24 67	1	32 234 61	17 81 7	230 1,575 278 1,011	88 393 32	888 3,609	183 573 60	737 2, 305 564 742 2, 304 3, 167	118 280 70	363 1, 194 372	58 121 51	150 534 211 288 1,056 1,759	20 31 30 275 215	65 156 72 142	3 8 7 34	7 18 9	2 1 2 4 23 14	2 8 3 12 16	2
584 1,767 111	232 41 1,400 3	228 436 2, 790 209 45	956 115 3, 272 16 5	1, 378   5, 319   465	3, 074 274 8, 365 45 28	1, 348 2, 852 5, 457 563 805	3, 865 447 8, 209 125 39	2,304 3,167 448 777	1, 965 475 4, 233 146 42	438 1,617 2,304 464 535	866 333 2, 266 103 36	287 1	215 890 31 18	478 789 201 101	134 215 16 5	9 27 80 150 45	23 14 1	12 16 4	14 2 26
4, 818 05	82 56	1, 247 147 4	58 123	277 87 387 252 33 4	3 48 283 11	165 87 220 119	14 40 235 9	115 44 88 100	11 16 71 9	84 46 49 49	13 5 27 1 3	45 88 18 29 6	890 31 18 2 2 11 2 5	15 79 10 7	1 2	18 18		2	
94 230 65	8 9 1, 261	5 148 451 172	17 23 3,965	807 851 432 1	81 35 8, 820 2	2, 306 795 379 4	176 39 5, 750 4	1,851 546 188 3	170 27 1,580	1, 158 409 111 5	119 18 490 1	570 283 60 1	42 3 106	194 83 21	9 20	39 8 1	1 1	10 2 1	14 2 26
		1		1 2		4 8 7		7 3		8 3 8		1 5 1		3		2			

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

===		In this table,			NATIVE		FOREIGI WH	N-BORN	NEG		OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Malo	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 4 5 6 7 7 8 9 10 11 12 13 14 15 6 17 18 19 20 1 22 23 24 5 20 27 8 29 30 31 2 33 34 5 8 8 7	PAPER, PRINTING, AND ALLIED INDUSTRIES—Continued  Printing, publishing, and engraving—Con.  Carpenters. Compositors, linotypers, and typesetters. Cranemen, derrickmen, hoistmen, etc. Electrictans. Electrotypers and stereotypers. Engineers (stationary). Engravers. Lithographers. Machinists. Mechanics (not otherwise specified). Millwrights. Molders, founders, and casters (metal). Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Pressmen and plate printers. Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers. Other skilled trades.  Apprentices: Designers' and draftsmen's apprentices. Machinists' apprentices. Printers' and bookbinders' apprentices. Charwomen and cleaners. Chanffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders. Firenen. Guards, watchmen, and doorkeepers. Housekeepers and stewards 1 Janitors. Laborers. Oilers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Policemen.	305 108, 183 15 602 7, 824 709 12, 720 8, 848 4, 603 77 30, 772 33, 236 44 36 61 63 63 77, 30, 772 38, 80 5, 525 37, 80 5, 525 347, 80 5, 525 347, 80 5, 525 347, 80 5, 525 347, 80 60 70, 871 1, 859 10, 822 80 70, 871 80 70, 871 80 80 80 80 80 80 80 80 80 80 80 80 80	305 159, 405 1602 7, 805 7, 709 12, 403 8, 643 4, 603 8, 643 4, 603 20 61 61 777 30, 772 236 43 236 43 20 68 10, 575 608 17 5, 522 347 347 349 303 807 807 807 808 10, 675 808 10, 675 808 807 808 807 808 807 808 807 808 807 808 807 808 807 808 807 808 807 808 807 808 808	8, 088 19 317 225 2 1 7 353 10 69 9 3 33 2 46 1, 382 30, 414 38 2	211 135, 546 13 575 6, 976 9, 988 6, 790 3, 241 100 27, 285 169 34 27, 285 169 34 27, 285 169 34 27, 285 169 34 27, 285 169 34 27, 285 169 34 27, 285 169 34 27, 285 169 34 34 36 37, 588 38 38 38 38 38 38 38 38 38 38 38 38 3	7, 907  18 232 196  2 1 6 320 18 26 30 1, 255 27, 456 36 2 27, 456 36 2	900 21, 152 2 114 787 192 2, 384 2, 810 1, 236 11 13 13 17 10 3, 105 5 487 35 5 5 5 5 5 5 1, 830 90 91 91 91 91 91 91 91 91 91 91 91 91 91	1 10 28 15 17 94 2, 488 2	1 187 1 4 2 52 1 2 381 17 51 33 40 22 639 985 707 2	192 2 2 10 10 12 20 13 413	105 1 50 1 23 1 2 3 5 96	1 5 57
	Porters TEXTILE INDUSTRIES	1,807	1,806	1	309		195		1, 300	1	2	
38	Carpet mills	44, 499	30, 040	14, 459	18, 575	11,070	10, 979	3, 278	430	88	- 56	23
39 40 41	Owners, operators, and proprietors	363 499 1,210	342 488 1, 119	21 11 91	233 384 760	17 10 75	106 104 858	4 1 14	3	2	1	
42 43 44 45 46 47	Chemists Designers Draftsmon Blectrical angineers Mechanical engineers Other professional pursuits	34 551 34 12 23	33 396 33 12 23	1 155 1	29 270 29 8 21	137 1	124 4 4 2 2					
48 49 50 51 52 53 54 55 56 57 58 59 60 61	Accountants and auditors.  Agents (not elsewhere classified) Bookkeepers and cashiers Clerks. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office-appliance operators. Purchasing agents. Salesmen and saleswomen Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits.	95 53 546 1. 409 224 32 91 15 39 308 496	93 51 245 907 222 31 81 2 37 300 484 28 33 25	2 2 301 502 2 1 10 13 2 8 12 518	82 43 215 759 170 28 73 2 2 33 248 375 26 20 24	1 271 456 1 10 13 2 6 11 487 8	11 8 30 142 52 3 8 8 51 105 2 13	29   46   1	4	1	2	1
64 65 66 67 68 69 70 71 72 73 74 76	Blacksmiths Brick and stone masons and tile layers. Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary). Loom fixers. Machinists Mechanics (not otherwise specified) Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	34 14 202 60 115 137 598 964 142 142 88 151 102 27 13 52	384 14 2022 588 1115 1377 5988 1422 888 151 122 7 13 47	2	12 2 115 29 98 89 373 623 92 72 101	5	22 12 86 29 17 46 225 838 48 16 49 32	2	2 3 1		1	
77 78	Designers' and draftsmen's apprentices. Other apprentices. Includes hostesses and matrons.	29 82	12 80	17	10 73	16 1	2 6	1			1	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

10 TO 17 YEARS OLD	18 AN YEAR	ID 19 S OLD	20 TO 24 OI	YEARS	25 TO 34 OL	YEARS D	35 TO 46	YEARS D	45 TO 54 OI		55 TO 64 OL		65 TO 74 OI	YEARS .D	75 YE AND C	EARS OVER	UNKN	
Male Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
2, 533 163	8, 420 2 16 205 4 491 306 124 30 2 5 1 1 1, 251	2 44 33	27, 978 3 055 1, 058 2, 071 1, 321 459 183 7 7 8 100 9 4, 975 6	1, 712 2 98 69	30 44, 226 4 211 2, 255 113 3, 427 2, 148 1, 129 277 6 6 19 19 19 9, 518 72 16	2, 579 10 92 64	77 35, 204 2 211 1, 900 167 3, 2002 1, 930 246 18 3 14 14 22 8, 236 5	1, 978 4 48 38	81 21,655 2 138 1,317 2,738 1,467 993 100 22 2 6 6 10 10 15 4,413 5 5 5 8 9	1, 125	14, 292 1 38 726 152 877 978 402 73 16 3 8 6 10 1, 970 2 17 4	94	33 4,470 1 12 12 183 59 254 269 134 4 1 302 5 2 5 2	2	5 545 12 9 34 21 11	7	103 1 3 0 6 2 1	18
20 6 4, 312 197 202 13 1 2 170 11 11 1 1 2	3 8 3, 193 210 2 2 450 23 12 2 2 1 5 1, 314 5 4, 177 8	3 233 3,772 4	4 7 2,717 175 1,300 14 9 2,014 7,350 21 2 231	53 22 1 5 1 406 7, 289 9	1 1 303 19 1 2,100 120 46 38 20 1,782 24 8,760 33 3 3 425	28 12 11 5 15 200 7,911 10 1	41 1 3 974 56 50 00 106 330 1, 262 22 7, 245 22 12 379	8 1 22 2 2 6 	2 1 4 333 36 48 92 217 1 4,23 1,051 16 4,943 27 16 362	1 18 3 	5 106 13 73 84 302 1 1 403 630 2,970 21 14 213	10 1 1 1 5 30 1,043 2 1	177 17 53 277 201 229 272 4 1,013 5 1 85	1 3 	1 11 4 33 32 39 125	2 17	1 1 5 18	5 30
1,167 1,072	1,704	1, 458	3,999	3, 130	6, 655	3, 117	6, 937	2, 490	4, 869	1,504	3, 102	1,031	1, 384	504	214	144	9	9
3 8 31 30 42 3 1 1 1 6 2 7 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	20 20 117 5 31 31 31 31 31 41 13 7	38 71 	6 19 19 10 12 2 2 3 3 500 101 8 8 6 2 1 1 1 2 1 1 2 1 1 1 3 8 6 6 1 1 1 1 0 7 7 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	15 60 11 106 185 1 2 5 2 13 212 1	155 110 247 13 90 111 3 8 5 248 53 3 3 15 86 154 4 9 9 4 21 12 24 21 12 21 23 24 24 25 24 26 26 27 28 28 28 28 28 28 28 28 28 28 28 28 28	2 1 22 1 2 1 83 138 139 2 1 1 1 1 1 1 1 1 1 1	96 139 314 5 86 111 3 2 19 49 110 65 7 1 1 63 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 4 19 1 21	119 206 37 25 17 22 7	8	59 72 171 1 2 53 8 8 8 8 8 1 1 4 4 177 65 8 11 1 1 1 6 6 6 1 1 1 1 1 1 1 1 1 1 1		3 2		3 3 8 4 4 4 2 1 1 2 2 1 1 2 2 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			.

1 Includes hostesses and matrons.

## OCCUPATIONS—GENERAL REPORT

# Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

						try are pr				<del></del>		
					NATIVE	WHITE	FOREIGI WH	N-BORN ITE	NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 0 7	TEXTILE INDUSTRIES—Continued  Carpet mills—Continued.  Chauffeurs and truck and tractor drivers.  Dyers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers.	245 683 79 159 236 46 4,828	245 656 79 159 233 43 4,236	27 3 3 3 592	192 267 38 65 127 15 2, 196	20	45 385 40 92 104 20 1,826	5 2 3 188	8 2 1 2 2 8 204	2	2	1
8 9 10 11	Oilers of machinery Operatives Portors All other occupations	28, 609 38 44	16, 486 38 32	12, 123	9, 964 10 17	9,112	6, 320 13 13	2, 922 6	166 15 2	68	36	21
12	Cotton mills	422, 204	261, 821	160, 383	205, 729	134, 141	42, 394	23, 149	13, 373	2, 939	325	154
13 14 15	Owners, operators, and proprietors Managers and officials. Foremen and overseers.	565 3, 192 9, 824	550 8, 143 9, 464	15 49 360	449 2, 878 8, 071	11 46 303	100 264 1, 305	4 3 55	1 26	2	1 2	
16 17 18 19 20 21 22 23 24	Chemists Civil engineers and surveyors Designers Draftsmen Electrical engineers. Mechanical engineers Social and welfare workers Trained nurses Other professional pursuits	124 26 269 28 70 96 40 92	119 26 232 27 70 96 9	37 1 31 91	102 20 162 23 64 86 8 1	33 1 31 76	70 4 6 10 1	4				
25 26 27 28 29 30 31 32 83 34 35 36 37 38	Accountants and auditors		325 187 1, 267 3, 031 189 41 158 8 237 16 379 1, 147 69 261 12	22 3 1, 262 1, 697 2 17 29 5 1 31 60 1, 494 32	299 156 1, 201 2, 766 173 32 131 8 230 13 344 970 63 213 110	21 2 1,167 1,567 2 24 5 1 29 58 1,424 28	26 31 62 250 16 9 8 7 3 35 160 6 23 2	93 128 2 5 2 70 4	10 19 16 25			1
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 57	Blacksmiths. Boilermakers. Brick and stone masons and tile layers. Carpenters. Compositors, linotypers, and typesetters. Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary). Engravers. Loom fixers. Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Sawyors. Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	155 29 111 2,057 26 39 1,078 719 36 11,506 5,015 2,420 311 769 546 10 66 23	155 29 111 2, 057 20 39 1, 078 719 34 11, 483 5, 015 2, 420 308 779 546 10 66 23	2233	84 17 62 1, 588 16 27 979 527 24 8, 224 4, 115 2, 260 174 600 429 8 45 10	6 2 18 2 2	65 11 32 445 5 11 97 177 177 815 129 134 135 75	5	6 1 124 24 2 14 20 32 42 2 2 11		1 11 2 2	
	Apprentices:     Machinists' apprentices.     Other apprentices.     Charwomen and cleaners. Chauficurs and truck and tractor drivers. Draymen and teamsters. Dyers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Housekeepers and stewards! Janitors. Laborers. Oilers of machinery. Operatives. Policemen. Porters.	65 222 262 1, 303 49 1, 531 985 1, 868 2, 084 11 439 55, 519 3, 507 302, 501 49 75	65 176 82 1, 393 343 1, 524 974 1, 868 2, 082 2 370 46, 439 3, 583 156, 818 49	46 180 1 7 11 2 9 60 9, 080 14 145, 683	61 168 31 781 168 801 719 672 1, 555 2 147 31, 110 3, 232 128, 547 48	44 19 1 5 7 2 6 8 6,314 9 122,847	2 9 4 125 46 518 245 579 477 59 6, 102 313 26, 001	2 26 2 1 2 701 5 22,017	2 47 480 144 204 8 616 47 161 9, 106 28 2, 124	135 	7 1 2 1 3 3 121 10 146	15

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

10 TO 17 OI	7 YEARS	18 AP YEAR	ND 19 S OLD	20 TO 24 01	YEARS	25 TO 34 OL		35 TO 44		45 TO 54	YEARS	55 TO 64 OL		65 TO 74		75 YE AND C	EARS		e own
Male	Fe- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- niale	Male	Fe- male	Male	Fe- male	Male	Fe- niale	Male	Fe- male
1 11 209 6 788	10 54 913	10 16 3 1 1 204 1 1,036	76 1,126	52 37 7 3 2 1 582 7 2, 425	7 137 2,389	97 117 6 28 5 2 784 5 3, 755 8	1 120 2,551	50 164 7 47 26 8 951 6 3,772 12	88 2,205	19 175 11 58 43 7 727 8 2,391 7	1 71 1,352	12 92 23 17 88 12 464 9 1,486	1 1 2 30 958 4	4 39 17 4 65 10 206 9 694 1	1 13 480	5 5 1 4 2 17 1 134 1	2 141	2	1 8
0, 345	23, 338		18, 605	41,777	35, 488	62, 798	38, 954	51, 702 158	28, 634	38, 663 137	12, 483	20, 656 103	8, 915 2 8	6,845 63	851	830 10	54	119	83
7	2	4 41	18 18	73 367	8 47	2, 078	12 122	932 3,030	14 94	945 2, 497	4 8 49	482 1,144	8 23	146 268	4	27 26	1	6	
	1	7 5 1	6	38 2 30 6 5 11 1	1 11 1 2 8	41 4 86 11 17 43 1	4 6 8 29	13 10 43 5 18 19 3	7 13 28	8 4 37 1 20 13 1	3 8 20	10 3 22 3 8 7 1	3	2 9 2 3 2		1	1		
14 126	45 90 8	$\begin{array}{c} 1 \\ 44 \\ 232 \\ 1 \\ \hline 40 \\ 2 \\ 1 \end{array}$	3 112 193 3 4	34 4 243 678 10 2 11	7 428 532 	122 20 420 861 45 10 3	401 536	95 44 286 524 49 12 4	193 217 217 2	51 50 136 324 44 8 5	65 96	15. 37 77 202 31. 7 4	2 1 14 24	7 16 30 77 8 2 1	4 6	1 8 7 1			3
2 31 2 8	1 6 53 3	4 100 15 13	6 168 3	8   48   234   25   35   1	5 15 558 13	08 2 124 312 22 72 7	2 1 8 19 488 8 1	73 4 91 210 3 52 3	10 179 3 1	53 3 63 147 2 41	6 3 45 1	20 6 84 83 23 1	1 1 2 1	10 1 11 26	1	3 2 4 2		1	1
4 1 5	1	1 1 3 21 1 9 20 3 2 84 103 42	2	8 106 6 8 176 13 9 749 491 220	1	20   5   17   275   4   4   397   112   7   2, 862   1, 237   639	2 4	31 7 16 467 3 4 293 165 5 3, 706 1, 390	2	47 11 33 587 3 4 121 200 2 2;633 1,073	5	38 423 431 3 61 104 6 1,153 195	4	10 1 9 142 1 2 9 46 3 222 156 49		2 23 1 4 11 26 9		1 2 3 1	
6		5 21 10 3 1		14 88 50 1 4 3		56 247 146 2 18 3 1		191 186 2 0 5		526 77 127 113 3 13 4 2	1	54 64 43 2 15 7	2	16 22 15 2 2		5 3 2 2		ī	
12 34 9 36 24 4 5	33 9	10 81 28 22 5	10 15 1 2 2	1 31 12 250 37 222 69 107 26	3 35	10 16 553 82 335 77 403 137	40	1 2 10 284 77 308 105 537 275	41	9 146 69 287 192 499 535		10 52 41 188 286 237 634	14	18 60 168 52 401	1	5 7 25 5 62		2 2	
5, 912 278 13, 587	1, 405 1 21, 675	21 3, 967 297 12, 716	3 1,091 16,958	35 7, 602 851 28, 893	1, 994 1, 994 31, 786	9, 273	21 1, 977 2 35, 240	6, 960 568 29, 466	2 18 1, 517 24, 262	69 6, 446 487 19, 698 19	10	4, 222 279 9, 495	281 2 3, 515	2,760	78 2 750	7 228 16 287 1	10	38 1 57	13 66

120627-33-34

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIGI WHI		NEG	ro	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	TEXTILE INDUSTRIES—Continued  Hemp, jute, and linen mills	8, 015	4, 956	3, 059	2, 939	1, 971	1, 614	998	156	80	247	10
2 3 4	Owners, operators, and proprietors Managers and officials Foremen and overseers	184 232 284	183 222 236	1 10 48	71 164 128	1 10 40	112 58 106	8	2			
5 6 7	Designers	20 19 23	10 19 21	10 2	6 15 16	7	4 4 5	3				
8 9 10 11	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers	28 37 139 381	25 30 40 212	3 7 99 169	20 17 31 168	2 7 81 140	5 13 9 42	1 18 28	i	ī	1	
12 13 14 15 16 17 18	Commercial travelers. Messenger, errand, and office boys and girls Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits	55 27 15 62 114 164 20	54 24 14 59 111 7 , 17	1 3 1 3 3 157 157	37 21 10 39 71 6 12	3 1 3 3 140 3	17 2 4 20 37 1 3	17	3			
20 21 22 23 24 25 26 27 28	Carpenters Electricians Engineers (stationary) Loom fixers Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Tinsmiths and sheet-metal workers	35 18 33 45 194 49 14 11 19	35 18 33 45 194 49 14 11 19		15 13 16 33 111 37 12 7 11		18 5 17 7 80 7 2 4 6		2 1 2		3 2 3	
29 30 31 32 33 34 35 36 37	Chauffeurs and truck and tractor drivers.  Firemen. Gaards, watchmen, and doorkeepers. Laborers. Oilers of machinery. Operatives. All other occupations.	53 43 60 961 68 4, 503 60	53 43 60 863 68 2,074 53	98 2,429	17 42 15 31 424 50 1,231 27	46 1,475 4	5 8 21 28 326 18 596 22	26 893 2	1 3 7 1 65 61 4	25 52 1		1
38	Knitting mills. Owners, operators, and proprietors.	174, 912	72, 845	102, 067	59, 952 854	91, 575	11,968	9, 607	866	803	58	82
39 40 41	Managers and officials Foremen and overseers	1, 507 2, 477 4, 557	1, 470 2, 821 2, 799	156 1,758	1, 931 2, 315	137 1, 573	389 480	19 179	3	3	1	3
42 43 44 45 46 47 48	Chemists. Designers. Draftsmen Electrical engineers. Mechanical engineers. Trained nurses. Other professional pursuits.	97 108 15 11 29 17	94 71 14 11 29	3 87 1 17 3	84 41 13 9 27	29 1 	10 30 1 2 2					
49 50 51 52 53 54 55	Accountants and auditors	229 22 185 1,800 90 4,472	193 20 127 532 36 1,893	36 2 58 1, 268 54 2, 579 4	174 20 104 496 32 1,699	35 2 53 1,130 45 2,432	19 22 36 3 184	140	1 1 9	2 1 3 5	1	2
57 58 59 60 61 62 63 64	Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents. Sales agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists.	812 78 217 106 63 24 911 1, 502 2, 087 27	762 75 161 6 54 16 726 1,386 50 22	50 3 56 100 9 8 185 116 2,037	668 68 151 6 46 13 604 1,226 47	48 3 51 98 7 8 178 105 1,920	88 7 0 8 108 147 3	5 2 2 2 10 116	12 13		2	
66 67 68 69 70 71 72 73 74 75	Carpenters Compositors, linotypers, and typesetters Electricians. Engineers (stationary) Loom fixers. Machinists. Mechandes (not otherwise specified) Millwrights. Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters. Toolmakers and die setters and sinkers. Other skilled trades.	184 27 168 293	22 184 21 167 293 88 3, 573 1, 411 94 47 64 23 25	6 1	21 154 21 148 229 74 2,999 1,218 67 36 57 18	6 1	30 58 14 560 190 27 11 5 5		11 2		2 3 1	
78 79 80 81 82 83 84	Apprentices:  Machinists' apprentices Other apprentices Charwomen and cleaners Chauffours and truck and tractor drivers Dyers Elevator tenders Firemen	60 796 31 329 1,118 80 450	60 782 10 329 1, 102 80 450	64 21 16	54 703 5 292 820 50 306	61 8	6 28 5 16 225 27 84	3 12	21 56 2 60	1	1	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

#### MECHANICAL INDUSTRIES-Continued

10 TO 1 O	7 YEARS LD	18 Al YEAR	ND 19 S OLD	20 TO 24		25 TO 34 OL		35 TO 44 OI	YEARS	45 TO 54 OI		55 TO 64 OL:		65 TO 74 OI	YEARS D	75 YI AND C	EARS OVER	UNKN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Mule	Fe- male	Male	Fe- male
249	363	297	379	806	673	1, 203	714	1,071	536	713	257	443	103	157	30	16	3	1	1
				0 8 20	1 11	39 53 45	2 10	47 64 79	4 12	52 56 52	1 1 11	26 32 31	1 3	12 6 8	1 1	1 3		1	
			2	2 3 1	2	6 7	4	4 4 6	1	1 4 4	1	3	1	2					
1 15	5 18	2 17 1	16 24	2 1 10 55	1 31 53	7 8 63 18	3 1 29 43	7 11 7 30 16	2 9 17	5 6 8 17 10	1 5 11	3 4 2 12	3 2	1 2 3 1	2 1				ī
19	1	18	2 1	5 1 5	1	1 5		18 18 25	1	3 9	1	2 0 4	1	2					
6 1 4	14	2	27 1 1	18 2 2 1	58 1 2	24 2 3 1	46 1 1	5 3	9	2	3		1	1 1					
				1		6 6 5		11 9 5		328		9 1 8		5 5 1		<u>î</u>			
	********	3 10 3 1		18 13 2		13 35 17 4		10 57 9 5		5 42 5		$\begin{array}{c} 4 \\ 20 \\ 2 \\ 1 \\ \end{array}$		12					
		2		2 1 1 2		2 6 2 7		3 7 3 ! 6		4 3 1		1 1 4		3					
		6		8 4 3	14	24 6 2 184		11 18 8		2 5 17	8	2 8 21 63	 4	2 9 33	3				
55 6 140 2	12 811 1	58 8 160 3	18 289	134 16 445 4	498	184 18 558 7	26 547	195 14 360 10	15 464 2	139 4 217 10	211 1	148 13	86 1	42 4	21 1	9	2 1		
6, 885	14, 897	7,724		16, 801	27,784	19,068	23, 131	11, 161	11,979	6, 485	5,770	3, 535	2, 308	1,388	645	220	60	38	67
4	26	2 7 35	1 1 85	31 114 225	3 27 294	284 620 807	13 47 565	510 819 863	8 56 436	376 471 530	8 16 258	186 218 262	2 7 78	68 67 61	1 2 15	5 10		2	1
		4 1	2	21 3 2	3 14 1	45 38 6 2	8	16 18 4 3	7	0 1 1	5 	1 4 4	i	2					
				3	1	4	7	5 1	7 2	6 1	1	1	1						
1 1 8	36	1 30	2 1 149	34 3 8 149	7 2 464	74 10 31 166	8 1 14 398	52 4 31 88	10 15 147	25 2 25 47	9 1 17 55	23 24	7	3 7 10	2			1	
151 2	256 2	262 16	412	496 89	876 5	502 1 227	14 645 2 15 2 4	217 1 162	12 262 12	141 151	12 97 10	89 76	$\frac{21}{2}$	30 32	6 5	4 8		1 1	4
115	36 3	1 29 1	6 13	6 9 4 5	1 8 44 1 1	227 27 5 1 21	31 4	23 2 14	1 9 3	13 1 11 2	1	3 2	1 3	1					
$\begin{smallmatrix} 4\\94\\2\\1\end{smallmatrix}$	6 7 105	16 179 11	13 22 358	108 338 22 6	27 33 843	21 3 240 319 11	2 46 24 565	180 197 4	1 42 13 140	111 138	27 12 25	42 94	19 5 1	22 25	5	3 1		1	
1 i	1	2	1	4 7		6 22 7	2	54 5		44	1	33	2 1	18		7			
		8 1 145		30 4 16 556		58 36 35 1, 355		40 56 15 855 802		21 88 10 435		9 71 10 169	1	30 1 48		8 10			
		57 3 1		313 3 5 7		569 18 16 17	i	15 10 22		117 23 9 7		37 24 1 4		14 11 2 5		1 1 1		1	
				1		11 7		5 5		8		1		1		i			
i										1	1			1	1	1		1	1.5
54 308	46 1	261 1 14 70	11	2 138 	6	25 2 133 287	3	2 62 218	1 5	2 38 177 16 128	8	1 9 67 28 87	4	1 5 34		1			

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

-					NATIVE	WHITE	FOREIGN WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	TEXTILE INDUSTRIES—Continued  Knitting mills—Continued.											
1 2 3 4 5 6 7	Guards, watchmen, and doorkeepers	737 272 9,412 62 134,006 61 39	733 247 5, 884 62 44, 203 59 25	4 25 3, 528 	556 120 4, 835 52 36, 428 13 21	2 15 3, 219 	161 70 734 9 7,498 12	2 5 175 8, 786	15 57 312 1 238 34 4	5 130 646 1 1	39	73
8	Lace and embroidery mills	16, 336	7, 798	8, 538	3,318	6, 112	4,450	2, 283	25	111		32
9 10 11	Owners, operators, and proprietors Managers and officials Foremen and overseers	976 300 422	927 262 211	49 38 211	157 127 91	19 23 150	768 135 120	29 15 60			2	1
12 13 14	Designers Draftsmen Other professional pursuits	504 72 10	367 69 7	137 3 3	77 19 2	84 3	289 50 5	49 3			1	1
15 16 17 18 19 20 21 22 23 24 25	Accountants and auditors. Bookkeepers and cashiers. Clerks. Commercial travelers. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Other clerical pursuits.	14 240 558 46 85 21 10 94 159 197 22	10 63 253 43 73 10 6 83 137 5	4 177 305 3 12 11 4 11 22 192 2	7 42 202 33 62 4 4 47 102 5	4 145 254 1 9 10 3 7 20 175	3 21 50 10 10 6 2 36 34	32 47 2 1 1 1 4 2 17		2		
26 27 28 29 30 31 32	Carpenters Electricians Engineers (stationary) Loom fixers Machinists Mechanics (not otherwise specified) Other skilled trades	11 14 32 24 164 26 21	$\begin{array}{c} 11 \\ 14 \\ 32 \\ 24 \\ 164 \\ 26 \\ 21 \end{array}$		9 12 18 16 74 12 17		2 2 14 8 90 14 4					
33 34 35 36 37 38 39 40	Apprentices Chauffeurs and truck and tractor drivers Dyers Firemen. Guards, watchmen, and doorkeepers Laborers. Operatives. All other occupations.	54 30 70 33 70 560 11,417 53	43 39 68 33 70 444 4, 221 33	11 2 	41 30 41 19 37 316 1,661	10 1 113 5, 060 19	2 9 25 14 41 125 2,548 9	1 	1 3 10 6			30
41	Rope and cordage factories.	11,869	8, 600	3, 269	5, 756	2, 541	2, 323	647	462	65	59	16
42 43 44	Owners, operators, and proprietors.  Managers and officials.  Foremen and overseers.	114 299 527	112 293 475	2 6 52	92 253 367	2 6 49	20 40 105	3	3			
45 46 47 48	Chemists. Draftsmen. Mechanical engineers. Other professional pursuits	12 13 13 16	12 13 13 8	8	10 13 13 7	5	2	3	1			
49 50 51 52 53 54 55 56 57 58 59 60	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Clerks. Commercial travelers. Messenger, errand, and office boys and girls Purchasing agents Salesmen and saleswomen Shipping elerks. Stanographers and typists Weighers. Other elerical pursuits	45 23 156 449 74 17 11 91 163 226 59	42 21 75 278 74 15 10 91 155 11 49	3 2 81 171 2 1 8 215 10 9	40 20 71 247 72 12 10 86 120 10 37	7 206 8 9	2 1 4 30 2 2 3 5 32 1 9	3 8 8	3		1	
61 62 68 64 65 66 67 68 69 70	Blacksmiths. Carpenters. Electricians. Engineers (stationary). Loom fixers. Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Other skilled trades.	12 47 25 61 11 433 52 26 19 18	12 47 25 61 11 433 52 26 19 18	1	9 30 23 53 6 316 34 22 11 14	1	3 17 2 8 5 104 18 4 7 7		18			
72 73 74 75 76 77 78 79	Chauffeurs and truck and tractor drivers Firemen	88 67 95 30 2, 921 87 5, 469 60	88 67 95 26 2, 632 87 3, 067	2, 402 3	71 43 68 12 1, 535 54 1, 918	2 186 1,810 2	10 24 26 7 828 27 952 18	2 83 532	7 1 6 231 6 178 7	18	1 38 19	2

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES—Continued

	7 YEARS LD	18 AI YEAR	ID 19 S OLD	20 TO 20	YEARS	25 TO 34 OL		85 TO 46	1 YEARS LD	45 TO 59	YEARS	55 TO 64	YEARS	65 TO 74		75 YI AND (	EARS OVER	UNKN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
2 7 752 8 4, 759	638 18, 729 1	2 6 723 8 5, 798	1 615 13, 774	9 7 1, 174 7 12, 631 10	901 24, 161	27 19 1,168 14 11,689 9	708 19, 995	73 31 725 4 5, 303 11 7	6 360 10, 420	171 42 643 10 2,405 11	2 12 192 4, 995 1 3	239 79 443 8 1,154 7	2, 037 3	170 50 216 2 390 4	1 24 574	40 5 38 1 51 1	59	1 2 23	2 59
500	1, 070	378	1,099	810	2, 049	1, 647	2, 136	1, 941	1, 194	1, 462	657	755	249	270	69	33	7	2	8
	4	2 1	8	8 16 8	2 2 33	162 68 35	10 18 72	377 84 63	17 8 53	206 57 58	13 8 32	87 30 38	4 2 8	25 5 7	3	$\frac{2}{1}$			
		3 2	5	17	28	80 11	49 2 3	127 22	27 1	87 15	17	35 12	8	15 2	3	2 2		1	
				3		1	3 2	1			1	4							
3 26	8 35	5 27 1	31 40	1 13 80 2 5	75 98 1 1	2 20 50 10	42 79	4 8 34 9	1 16 35	2 5 15 10	4 15	6 9 11	$\frac{1}{2}$	2 6	1	1			
50 1	7 2	16 1	4 2	5 2	4	1 1	1	บ 2 1	1 1	3				1 					
2 24	2	3 26 2	4 2 2 2 6	13 40 2 3	2 4 6	$\begin{array}{c} {f 1} \\ {f 25} \\ {f 21} \end{array}$	1 3	19 10	3	$^{3}_{12}$	2 1	8 8	2	1 2					
1	21	2	51 1	2 3	63 1	6	46	5	6	3	 	2		<u>i</u> -					
						1 5		3 5 2		3 3 10		1 1 11		2		1			
		1 2		9 2		7 40		5 40 7		5 47 5		11 2 17 3		4 6		3			
		1		2		8		3		4		3							
$\begin{bmatrix} 25 \\ 1 \\ 3 \end{bmatrix}$	8	9 5 7 1 1	2	7 12 15		2 6 10		8 10	1	4 12 7 13	1 1	3 7		3		1			
72	33	1 1 38 223	21	5 5 60	26	2   7 85 960	22 1, 773	6 7 59 1, 016	13 1,011	54	 8	11 27 48	1	17 25 129	1	2 3			
291	950	223 1	924	476 3	1, 696 7	960 6	1,773 11	1, 016 4	1, 011	750 3	548 1	362 8	219 1	129 6	60	13 1	7	1	8
308	346	492	418	1, 162	777	1, 910	763	1, 836	572	1, 459	275	997	94	387	21	44	1	5	2
		3	6	2 4 24	1 4	12 49 90	2 3 13	31 86 130	1 12	32 78 112	1 13	20 53 89	3	10 22 24	1	5 1 2		<u>i</u>	
		1		6 ! 5		3 6		1				1							
						0 2	2	2		$\begin{bmatrix} \hat{2} \\ 2 \end{bmatrix}$	5	2	<u>î</u> -	1					
				3		11 3 19	1 28	15 9 19	<u>1</u> 8	6 3 10	2 5	4 1 3 19	1 1	3 2					
15	5	28 28	16	19 56 4	29 46	74 21	58	50 22	28	32 13	12	19 10	6	4					
7	1	5 1		2 1 5	1	1 31		1 8 25 37	1	13		9		7					
2 2	5 1	7 3 2	21	29 4 6	$\begin{bmatrix} 2\\70\\2 \end{bmatrix}$	33 14	3 76 4	$\frac{1}{12}$	$\begin{bmatrix} 2\\31\\1\\2 \end{bmatrix}$	28 1 8	$\begin{bmatrix} 1 \\ 9 \\ 1 \end{bmatrix}$	14 5	3 1	5 1					
				1	5	4 2 7	2	2 2	2	2 3		1		1 4					
				3 2		7 11 13		6 5 9		14 5 18				7		2			
		17		1 51 8		111 7		3 108 18		1 76 12				15		3		ī	
		2		4 2		8 5		8		2 5 5		4 3 3		5 1					
		1	<u>i</u>	2		2 3		5		5		4						1	
2		8		14 5 1		3		16 20 8		12 18 18		3 10 37		26 7		1 2		1	
96	28	199	40	383 8	64	612 23	1 57	520 22	2 63	432 14	25	273 8	7	100	4	11			<u>1</u>
171	302	205	327	498 4	553	675 6	513	605	419	459 12	200	324 7	70	114	16	14 ì	1	2	. 1

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

•	WINTER AND ACCURATION		- Company		NATIVE	WIIITE	FOREIG WH	N-BORN ITE	NE	ero	ornsu	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	þe. male
1	TEXTILE INDUSTRIES—Continued Sail, awning, and tent factories.	8, 311	5, 915	2,300	4, 671	2,089	1, 113	275	119	10	18	19
$\frac{2}{3}$ .	Owners, operators, and proprietors Managors and officials Foremen and overseers	925 441 216	894 419 136	31 22 80	699 363 111	20 22 71	103 56 25	5	AMERICAN STATE	<ul> <li>(2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4</li></ul>	2004 - 10	
8 6	Designors Other professional pursuits	1	9	1	5 3		4	1	чен в не на не		6	. / b ~ # <b>6</b> /
7 8 0 10 11 12 13 14 15	Accountants and auditors Agents (not elsewhere classified) Bookfeepers and cashiers Canyassers Clerks Commercial travelers Salesmen and saleswomen Shipping clerks Stenographers and typists Other clorical pursuits	20 14 222 12 207 127 285 71 213 31	10 14 49 10 118 127 283 70 4 26	173 2 89 2 1 200 5	14 13 43 9 09 119 257 68 4 25	160 2 87 2 1 202 4	2 1 6 18 8 26 10	13	1 			
17 18 10 20 21 22 23 24	Blacksmiths Carpentors Engineers (stationary) Machinists Mechanics (not otherwise specificit) Parhiers, glaziers, and varnishers (bullding) Upholsterers Other skilled trades	28 13 10 40 144 20 28 20	28 13 10 40 144 29 25 29	**************************************	17 9 8 38 121 26 19 21	3	11 4 11 21 3 6 5			A PH . T P C . T A PH A		
25 26 27 28 20	Apprentices Chanfours and truck and tractor drivers Laborers Operatives All other occupations	33 08 721 4, 275 50	31 98 661 2, 566 53	60 1, 700 3	29 74 541 1,914 31	54 1,447 2	2 10 77 596 12	236	14 34 48 10	2.00 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	. WELSTENDY ************************************	
30 31	Silk mills	171, 140	87, 901	83,230	01,400	71,789	25, 824	11, 133	618	300	20	11
32 33	Owners, operators, and proprietors	1, 414 1, 979 4, 482	1, 399 1, 904 3, 254	15 75 1, 228	1, 866 2, 508	10 85 1,119	817 536 741	10 107	1 5	эмэмээээ эмэмэээ 2	i	in a firm of the second of the
34 35 36 37 38 39 40 41 42	Chemical engineers 1. Chemists. Clyll engineers and surveyors. Designers. Draftsmon Electrical engineers. Mechanical engineers 2. Trained nurses. Other professional pursuits.	14 200 16 201 53 27 77 27	14 187 16 219 52 27 77	13 72 1 27 6	13 156 16 113 39 23 57	63 26 4	$ \begin{array}{c} 1\\30\\ 105\\13\\4\\20 \end{array} $	8 1 1 2	**************************************	・ 日本の関係の関係の 1 日本の関係の関係の 2 を 2 を 2 を 2 を 2 を 2 を 2 を 2 を 2 を 2	- 1 m P R - 22 m A  - 1 m P R - 22 m A  - 2 m P - 2 m A  - 3 m P - 2 m A  - 4 m P - 2 m P - 2 m A  - 4 m P - 2 m P - 2 m P  - 4 m P - 2 m P - 2 m P  - 4 m P - 2 m P - 2 m P  - 4 m P - 2 m P - 2 m P  - 4 m P - 2 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4 m P - 2 m P  - 4	2 中, 中 2 所 1 。 中 3 年 2 日 2 日 2 日 2 日 2 日 2 日 2 日 2 日 2 日 2
43 44 45 40 47 48 40 50 51 55 57	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Canvassors Clorks. Commercial travelers Credit mon Messenger, errand, and office boys and girls Office-appliance operators. Purchasing agents Salesmen and saleswomen Shipping clorks. Stenographers and typists Weighers Other elerical pursuits.	273 101 2, 081 18 5, 040 271 65 438 81 103 688 1, 388 1, 824 147	239 91 045 9 2,862 259 402 402 7 90 609 1,226 73 85	34 10 1, 436 0 2, 178 12 3 36 74 13 59 112 1, 751 62	195 74 528 8 2, 421 197 57 359 6 72 479 1, 020 68 69	31 6 1, 255 6 2, 030 12 3 35 71 12 47 101 1, 651 50 2	44 10 115 1 420 60 5 33 1 18 128 183 5 16 3	3 2 180 3 147 1 1 3 1 10 11 100 3				THE STREET, TO STREET,
58 59 60 61 62 63 64 65 67 67 69 70	Blacksmiths.  Brick and stone masons and tile layers. Carbenters. Carpenters. Carpenters. Campostors, linotypers, and typesetters. Electrichans. Engineers (stationary). Engravers. Loom fivers. Machinists. Mechanics (not otherwise specified). Milwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. The smiths and sheet-motal workers. Toolmakers and die setters and shakers. Other skilled trades.	40 16 10 453 54 377 407 40 3,242 1,803 554 153 158 278 28 18	46   16   10   493   51   377   407   386   3, 233   1, 893   554   153   1558   278	3	31   33   2   333   24   332   203   26   2,058   1,428   441   114   123   212   20   20	7	9 2 7 04 27 44 111 13 1,172 460	1 2	1 1 1 3 2 2 3 1			
	Approntices:     Machinists' apprentices.     Other apprentices. Charwomen and cleaners Chauffeurs and truck and tractor drivers. Draymen and teamsters. Included, in other occupation tables, in the group "M	65 220 20 602 40	05 174 6 602 40	55 14	50 100 2 531 20	51 8	6 14 3 57 10	4 5	1 13 1	**************************************	* # 10 51 교 # # # # # # # # # # # # # # # # # #	A SERVER SER

<sup>&</sup>lt;sup>4</sup>Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

	7 YEARS LD	18 A YEAI	ND 19 IS OLD		4 YEARS	25 TO 34 OI			4 YEARS LD	45 TO 54	YEARS	55 TO 64 OI	YEARS D		YEARS LD	75 YI AND	EARS OVER	ONK	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- mal
132	79	244	126	708	335	1, 366	575	1, 331	608	1,088	452	696	172	293	43	53	2	4	4
		2 1		14 14 10	1 1 4	157 97 32	$\begin{bmatrix} 1\\4\\16\end{bmatrix}$	256 112 44	11 10 30	237 102 33	10 2 20	153 64 14	4 3 9	64 24 3	3 2 1	11 5			
				1	1	5 1		1		1		1							
1	5	5	12	1 8	53	6 3 18 2	2 54	3 5 7	2 34	5 2 5	12	1 2 4	2	1 1 1	<u>1</u>				
6	6	11 5	3	32 14	20	24 45	31	2 21 30	23	3 10 19	1 3	1 8 9	3	4 5		2 2			
1	15	8 3	37	25 14 3	1 69 2	86 19	62	86 10 5	2 20	40 10	6	28 12		7 2		2   1			
*		<u>1</u>		$egin{array}{c} 4 \ 1 \ 2 \end{array}$		3 4		4 2		9 2		10		1					
		1 3		5 26		4 20 59		2 11 37		2 2 5 9		2 5 8		2 2 2					
2		2 1		9 7 4		7 5 7		2 5 5	1	6 2 7	<u>2</u>	1 4 1		2 4					
16 3 26	1 1	6 6 67	6	9 26 155	1	44		16 121	13	$\begin{bmatrix} 3 \\ 74 \end{bmatrix}$		29	 7	<u>1</u> 7	2	i			
26 71 1	50 1	121	68	317	12 169	171 533 3	15 387	121 531 12	13 460 1	495 7	391 1	29 325 11	144	144 9	34	25 4	2	4	4
7, 288	13, 884	7, 489	13, 568	15, 025	22, 449	21,065	18, 246	17, 124	9, 414	11, 329	4,009	6, 167	1, 323	2, 148	279	221	25	45	48
7	10	13 50	1 5 62	22 92 299	$\begin{bmatrix} 1 \\ 10 \\ 251 \end{bmatrix}$	240 443 942	23 420	452 606 980	3 22 286	380 480 617	$\begin{array}{c} 3\\12\\142\end{array}$	230 214 287	8 5 51	51 60	5	4 3	1	2 1	
		6		3 55 2	6	8 71 5	4	3 37 8	2	12	1	4 1		2					
		13	9	28 14 1	27	5 57 20 6	22 1	54 14 6	9	40 1 8	5	15 3 6		11				1	
		i		10	2	30	15	23 2	7	8	1 2	5 (	2	1					
12	82	6 2 50	220	29 11 166	7 549	96 20 200	12 3 400	63 22 95	4 3 125	28 18 61	4 2 45	12 7 43 1	2 2 8 2	5 11 16	1	<u>2</u>			 1
272	189	458 10	361	821 34	714	619	591 3 3	326 62	$\begin{bmatrix} 2 \\ 227 \\ 2 \end{bmatrix}$	$\begin{bmatrix} 2 \\ 216 \\ 49 \end{bmatrix}$	45 2 75 4	105 26	20 20 3	38 5	i	6		1 1	
285	20 10	3   72   2	4 11	7 36 4	8 32	72 28 5 1	20	11 2	1 1 5	10 2	i	3 1 3	1						
12 133 6	3 15 118	31 224 12	3 3 21 375	17 113 311 29	3 10 28 731	186 214 18	17 28 407	128 141 4	16 11 89	86 120	5 7 24	41 56 1	4 1 5	11 26 2	1 1	1 1			2
19	11	19 1	12	21	16	5	11	3	8	5	2	5 1	1	1	1				
		1		1		3   3		7 5		5 4 8		11 1 1 77		11 1 2 32				<u>i</u>	
2		5 5 7		25 14 68 21	3	69 12 142 64		121 10 104 93		96 4 46 112		2 7 82		2 3 33		2			
		31 106		9 243 254	3	10 945 569	$\begin{vmatrix} 1 \\ 2 \end{vmatrix}$	990 435	3	684 317	i	288 165		51 45		1 2			
4		10 2 9		93 13 23 36		187 36 36		131 40 49		72 36 22		42 22 12		7 4 3		3			
		5		8		105 5 4		82 8 5		35 4 6 2		11 5		2 2					
		7		3	1	8		8		z				9					
55 110 2	36	7 30	ii	30	8 3	4 2 244	3	1 109	2	1 33	<u>-</u>	12	2	2	i				

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

	·				NATIVE	WHITE	FOREIGE WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	TEXTILE INDUSTRIES—Continued Silk mills—Continued.						- v. v					
1 2 3	Dyers	2,180 100 611	2, 140 98 611	40 2	969 59 353	27 1	1, 146 38 235	12	22 1 23	1	3	
4 5 6 7	Guards, watchmen, and doorkeepers	1, 010 305 11, 078 200	1, 008 286 8, 920 200	2 19 2, 158	657 152 6, 438 164	1,902	338 79 2, 160 36	1 3 187	13 55 320	3 65	2	
8 9 0	Operatives	125,770 109 36	52, 080 108 20	73,690 1 16	35, 821 33 18	63, 145 1 12	16, 145 49 2	10, 313	105 26	225 1	9	
1	Textile dyeing, finishing, and printing mills	47,023	38, 566	8, 457	22, 872	7, 232	14, 778	1, 121	847	101	69	
2 3 4	Owners, operators, and proprietors Managers and officials Foremen and overseers	315 676 1, 908	304 653 1, 787	11 23 121	166 494 1, 245	9 21 106	134 159 536	2 2 15	5		<u>1</u>	
i }	Chemical engineers <sup>1</sup>	13 396 48	13 392 33 28	4 15	11 313 21 22	4 12	2 79 12	· 3				
3 ) I	Draftsmen Electrical engineers Mechanical engineers Trained purses	30 20 51 10	28 20 51	2	22 18 44	1	6 2 7	1 2				
2	Trained nurses Other professional pursuits Accountants and auditors	9 92	9 75	17	8 66	17	1 9					
į	Accountants and auditors	50 690 26 2, 113	47 204 25 1, 154	486 1 959	37 167 15 980	438 1 883	10 36 10 165	46 75	9	2	1	
i 1	Commercial travelers. Messenger, errand, and office boys and girls Office appliance operators Purchasing agents	35 84 22 31	35 75 4 29	9 18 2	29 69 3	9 17	6 4 1 3	1				
!	Salesmen and saleswomen Shipping clerks Stenographers and typists. Weighers Other clerical pursuits	132	112 514 13	20 43 620	26 83 410 11	2 19 38 585	29 102 2	1 5 34	2	1		
i 3	Weighers. Other clerical pursuits Blacksmiths	49 9 43	44 8 43	5 1	29 5	5 1	13 3 21		2			
} }	Boilermakers	12 39 346	12 39 346		22 10 25 216		2 14 129		<u>-</u>			
	Compositors, linotypers, and typesetters	57 15 223 355	54 15 223 355	3	39 10 191 241	3	15 4 32 110					
	Engineers (stationary) Engravers Loom fixers Machinists Muchanics (not otherwise specified)	225 15 798	204 15 798	21	135 5 514	17	69 10 276	4	8 4			
)	Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Tinsmiths and sheet-metal workers Toolmakers and die setters and sinkers	223 154 127 273	223 154 125 273	2	156 104 80 197	2	63 50 44 75		1			
}	Tinsmiths and sheet-metal workers	42 30 11	42 30 11		29 19 6		13 11 5					
	Apprentices. Chauffeurs and truck and tractor drivers. Draymen and teamsters.	137 505 88	131 595 88	6	113 467 58	5	18 112 27	1	14 3		2	
	Dyers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers	6, 973 73 470 351	6, 906 72 470 350	67 1	3, 104 39 200 172	41	3, 671 33 236 176	21 1	97 33 2	5	34	
	Janitors. Laborers. Oilers of machinery.	79 7,571 42	78 7, 257 42	314	3, 884 28	1 265	2, 874 14	37	14 480	12	19	
	Operatives Porters All other occupations	19, 613 20 24	13, 947 20 19	5, 666	8, 492 5 12	4,716	5, 295 4 7	867	153 11	80	7	
	Woolen and worsted mills		89, 842	54, 671	54, 202	35,609	35, 091 192	13,954	433	179	116	4, 99
	Owners, operators, and proprietors	758 1,895 4,641	746 1,870 4,388	12 25 253	553 1, 433 2, 771	23 207	437 1,611	2 44	5	2	1	
	Chemists. Designers. Draftsmen. Floatised angineers	85 387 24 21	80 372 21 21	5 15 3	67 263 17 15	4 13 3	13 109 4 6	1 2				
	Electrical angineers. Mechanical angineers. Trained nurses. Other professional pursuits.	46 25 14	46 14	25	36	21	10 4	4				

# GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES—Continued

10 TO 17 OL	YEARS D	18 AN YEARS	D 19 S OLD	20 TO 24 OLI		25 TO 34 Y OLD		85 TO 44 OLI	YEARS	45 TO 54 OL		55 TO 64 OLI	YEARS	65 TO 74 OLI		75 YE AND O	ARS VER	UNKNO	E DWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
85 7 2 3 1,203 43 5,007 4	5 531 12, 854	129 6 8 7 3 1, 054 20 5, 012	7 	301 4 28 17 9 1,581 28 9,020 14	9 1 1 2 562 19,458	439 4 93 35 22 1,619 37 12,996 12	3 336 15, 896	491 6 155 76 31 1,407 18 9,636 16	7 1 5 160 8,405	384 12 185 197 72 1, 024 22 5, 753 25	5 1 3 85 3,573 1	225 24 95 353 81 690 25 2, 830	1 5 29 1,171	83 26 37 275 57 300 825 15	1 6 259	3 9 3 54 8 37 1 65 3	2 22	5	3
1,466	975	2, 199	1, 196	5, 486	2, 321	8, 930	2, 060	8, 312	1, 155	6, 496	517	3, 969	188	1, 520	36	172	5	16	4
		13	2 5	5 19 113	1 26	43 148 464	2 3 39	108 289 526	4 8 33	89 156 401	1 4 12	39 71 208	3 5 5			6			
3	1			1		7 160		2 70	2	2 28		1 14		5	-				
		23 4 1	2	92 4 10	5	10 11	$\begin{smallmatrix}2\\6\\2\end{smallmatrix}$	5 3 9	2	5 2 3		1 1 3		1					
				1 5		3 11	6	18	3	7	1	7		2		1			
		1	1	1	3	3 29	7	2 23 15	5	1 11		4	1	3		-	-	-	
 9	17	18	1	3 3 88	177	11 64	7 1 140	15 37 3	5 2 59	14 16 5	27	- 4 14 - 3 51	1 8	.   2			1		2
60	76	18 2 123	134	1 1	815	331 6	258	19 <u>1</u>	112	114 15	50	51 2 1	13	27	!	5			-
53	3	14	3	1 4	9	1 1 9	3 4 1	1 11	1 i	4	_ 1			1					
17	1 6	51 3	1 7	1 1 1 1 1 1 1 1 1	3 11 246	41 129	13 178	11 36 91 2 8	6 5 43	63	10	38		17		-		·-	-
1	44	4	98 2	108 2 13 1	240	129 6 8	1	8	1	- 7								-	
	-	-	-	1 1		1 3 7		10		17	}	-							
		-		3 17 14	<u>i</u>	57 57 17		81 81	i	- 89	)	65	2	33			2		-
3 2		4		2 23		103 63		62 93		- 20 9:	3	70		20	0	-	1		-
	-	110		30		50		26	2	16	3	9	3	.:	1		2		
	-	1,	, l	- 61 26 13		218 57 21		211 63 53		4	4	11	8	1 8	8 5 		1		
		:-	2	13 28 2	,	21 26 77 15		- 40 78		5		2	5		5		2		
			3	1		- 9		12 11 -			3		2				1		
41		5 2:	3 1	40 132		18 241		107	7	. 5	1	i	8 8		5				
150	3	30	7		16		12	_ 10	)   1:	1,28	5	2 74	6	2 26	8	1 2	6 4 2	1	5
		-	2	18		98 11		148	3	13 7	8	13 3 77	3	2 1 8 2 2	3	1 1	0		
370		7 48		1, 126	71	1 5	63	1,44	8 4 1	2 1,20	5		8	6 30	1	3 i 6	1		5 5
72	75	4 1,01	820	2,30	1,425	1 5	1,304	2,70	8 81 67	1 2, 13 1	2		3		1				
3, 48	1 4, 39	2 4, 25	8 5, 45														10 8	38 4	9 4
			2	1 5 6 13		1 9 3 34 7 73	5   10	) 54				4 10 9 3: 37 8:	34 17 35	14 28	96	1	14 17	1	2
	5	1 2	1 .	1		1 2	0 5	2 1	- 1	2 3	10	2	9	- <u>i</u> -	1			ī	
			6	1	3	1	3		2		5 6 12		9		1				
				i	2	2	6	5	2	ii- 	4	6	2						

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

==					each indus				ases in nve	groups, 11	.opriesar	y, omeia
	INDUSTRY AND OCCUPATION	Total	Male	Female	NATIVE	WHITE		N-BORN HTE	NE	GRO	OTHER	RACES
		- 0			Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	TEXTILE INDUSTRIES—Continued  Woolen and worsted mills—Continued.											
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers. Clerks Commercial travelers. Credit men. Messenger, errand, and office boys and girls Office appliance operators. Purchasing agents. Sales agents Sales agents Salesmen and saleswomen Shipping clerks Stenographers and typists Weighers Other clerical pursuits	3, 285 356 63 166 22 108 23	247 180 575 2,055 351 60 148 2 104 233 537 1,202 49 178	22 908 1, 230 5 3 18 20 4 31 32 1, 130 14	213 129 469 1,657 301 48 131 2 88 17 423 941 41 132 8	22 821 1,105 4 3 18 17 4 28 26 1,050	34 51 106 395 50 12 13 16 6 112 315 7 45	3 6 80 1	4		2	
16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Blacksmiths Brick and stone masons and tile layers. Cabinetmakers Carpenters Electricians. Engineers (stationary). Loom fixers Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters. Tinsmiths and shoet metal workers Toolmakers and die setters and sinkers Other skilled trades.	55 24 10 500 270 270 564 2,078 1,607 584 349 156 38 156 38 37	509   270   564   2, 078   1, 697   534   156   166   166	3		3	36 17 6 250 55 197 930 657 154 122 51 55 20 14		2 9 2 2		1	
39 40 41 42	Apprentices. Charwomen and cleanors. Chaufeurs and truck and tractor drivers. Draymen and teamsters. Dyers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers. Oilers of machinery. Operatives. Porters. All other occupations.	102 29 528 146 -1,954 230 977 897 140 13,753 286 101,821 38	99 7 528 146 1, 945 229 977 896 128 11, 955 285 52, 761 38 11	3 22 9 1 1,798 1,798 40,060	91 4 404 100 1, 012 91 515 403 52 6, 138 196 31, 442 13	3 4 5 1 7 1, 104 31, 086	7 1 111 45 926 137 451 424 62 5,562 88 21,145	14 4 5 639 12,928	1 2 12 12 1 7 1 11 9 13 210 111 111			6 4, 923
45	Other and not specified textile mills	184, 807	80, 838	53, 769	54, 126	41,880	24, 091	9,924	2,462	1, 698	159	269
46 47 48	Owners, operators, and proprietors Managers and officials Foremen and overseers	2, 877 3, 498 4, 736	2, 749 3, 307 3, 788	128 191 948	1, 519 2, 657 2, 728	103 166 793	1, 228 650 1, 035	25 25 152	2			
49 50 51 52 53	Chemical engineers 1	20 423 22 1, 677 151 31 190 32	20 412 22 771 147 31 190	948 11 906 4	18   333   20   445   121   29   154   1	706 4	2 78 2 325 26 2 36	194			1	1
58 59 60 61 62 63 64 65 66 67 68 69 70 8	Accountants and auditors Advertising agents Agents (not elsewhere classified) Bookkeepers and cashlers Canvassers Clarks Collectors Commercial travelers Credit men Messbuger, errand, and office boys and girls Office appliance operators Purchasing agents Sales agents Sales agents Sales men and saleswomen Shipping clerks Stenographers and typists Weighers	532 39 291 2, 388 30 5, 796 9 695 107 351 71 239 26 989 1, 939 2, 686	481 31 264 783 22 8, 203 9 683 100 308 11 206 21 889 1, 861	51 8 27 1,005 8,593 2,593 12 7 43 60 33 5 50 78 2,579	8 409 91 18 215 664 18 2,738 7 7 86 266 8 171 177 1745 1,469 99 32	7 50 8 1,350 2,357 2,357 9 6 38 52 28 5 41 66 2,404 5	1 72 47 118 443 22 85 14 27 35 4 142 348 8	1 253 2 228 3 1 1 8 5 5 11 172 1	20 1 15 15 143	4	1 1 2	3
75   1 76   1 77   0 78   0 79   0 80   0 81   1 82   1	Slacksmiths	69 20 22 460 133 29 361 648	69	18	34	17	35 - 9 - 11 - 152 - 10 6 - 62 - 171 - 171	1	2   		1 _	

## GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

	7 YEARS LD	18 A	ND 19 S OLD	20 TO 2-	YEARS	25 TO 34 OL:	YEARS D	35 TO 44 OF	YEARS	45 TO 54 OI	YEARS	55 TO 64 OL		65 TO 74 OI	YEARS	75 YI AND (	CARS OVER	UNKN	E .	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
10 86 95 3 24 4 19	19 06 7 2 43 2	1 1 21 189 4 1 34 1 1	3 2 8 151	12 3 90 410 14 2 11 52 237 17 39	3 367 1 7 7 1 2 7 413 4	25 158 158 150 90 23 3 1 171 345 9 29	10 2 290 382 1 1 10 	80 41 123 411 98 19 2 39 132 245 7 21	88 137 171 1 2 1 1 2 0 3 122	52 58 93 240 85 10 3 18 5 86 195 4 26	74 82 1	25 34 52 138 37 5 1 14 6 6 0 106	17 10 1 1 	7 14 21 54 20 	3 2	3 4 6 5 8	1	1	1	111111111111111111111111111111111111111
1		20 17 4 4 1 1 17 4 4 1		2 17 20 10 57 140 41 14 12 0 3	1	74 53 102 64 359 340 121 50 38 37 10 5	1	89 51 111 80 122 575 474 139 82 33 53 13		20 6 126 41 150 570 367 107 98 37 7 2		12 4 3 127 21 142 374 247 77 76 20 25 1	1	61 62 4 62 126 94 28 22 11 5 2		8 12 9 0 4 8		i		
41 2 1 1 21 3 2 1 642 74 2, 442 2	198 1 4,048	17 4 66 3 3 1 804 58 2, 802 1	214	71 8 206 6 26 7 6 1,486 30 6,431	348	9 195 15 392 16 126 44 7 2,000 22 11,788	3 	1 127 38 443 21 266 112 17 2,521 32 11,680	5 3 1 333 9,608	1 73 36 412 39 295 202 26 2, 272 20 9, 453 10	3 204 5, 451	1 37 29 310 83 186 322 38 1,524 22 5,012	7 	7 13 84 50 66 194 30 623 8 2,029 3	3 1 1 17 517	2 11 8 5 14 2 77 1 107 2	2 70	2 1 6	3	444
3, 287	5, 339	4, 448	6, 289	11, 061	12, 199	19, 309	12,676	17, 778	8, 683	13, 513	5, 114	8,058	2, 486	3, 030 141	807	323	154	86	42	,
7	10	10 20 7	43	56 125 212 2 94 1 102 27 1 14 1 1 3	3 17 120 3 193 	527 788 890 0 163 9 221 50 13 72	17 53 238 4 302 1 8 1	903 1, 058 1, 138 8 80 6 162 41 7 51	59 268 4 224 2 10 2	716 778 904 1 43 1 139 10 6 29	40 33 179 106 1	415 470 15 5 88 11 3 23	22 21 68 33 2 1	110 122 6 86 1 1 1	2 4 18	24 15 8 3	1	1	1	
201 201 1 1 8 109 8	26 2 11 133 133	383 14 4 180 2 12 225 25 5	237 312 312 8 10 1 1 3 15 453 1	807 1 52 4 13 4 17 118 413 413 89 8	528 806 1 1 7 23 5 1 11 14 1,018	10 55 262 4 806 195 32 178 2 288 420 21	1 4 470 2 749 2 5 2 24 10 12 15 715	77 72 127 8 482 204 27 1 1 56 6 226 278 9 4	2 5 206 362 3 1 12 2 15 11 196 3	4 72 101 5 269 1 132 21 4 1 1 33 6 140 234 2 8	11 78 2 143 3 1 2 2 4 48	38 26 42 4 174 71 10 8 1 19 64 132 7	5 1 18 2 35 35 3 1 3 7 12	11 11 19 52 25 5 3 3 2 25 30	1 2	8	2	1 3 3	1 2	56 66 66 66 67 77 77
3	1	6 7 2 7	2	2 1 4 24 27 6 48 29	9 not elsew	9 2 3 68 34 8 139 122	fied.	12 8 7 119 23 11 101 140	2	19 2 4 100 11 2 47 158	3	20 5 3 88 9		7 1 1 49 1		6				777778888

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

-		In this tab	10, 110 0000	Patrons or	each indus	Lry are pr	esented 11	1 most c	ases in five	groups: Pi	opriotary	, official,
•	INDUSTRY AND OCCUPATION	Total	Male	Female	NATIVE	WHITE	FOREIG WH	N-BORN ITE	NE	FRO	OTHER	RACES
					Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	TEXTILE INDUSTRIES—Continued  Other and not specified textile mills—Contd.				-							
1 2 3 4	Engravers Loom fixers Machinists Mechanics (not otherwise specified)	201 1,334 3,002 595	187 1, 332 3, 002 595	14 2	124 815 2, 138 410	11 2	63 517 837 172	3	19		8	
5 6 7 8	Loom fixers Machinists. Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers	240 314 247 48	240 308 247 48	6	169 221 199 32	4	71 85 45				2	
9 10 11	Toolmakers and die setters and sinkers Upholsterers Other skilled trades	86 121 27	66 110 27	11	45 74 19	8	21 33 8	3	3			
12 13 14	Apprentices: Designers' and draftsmen's apprentices. Machinists' apprentices. Other apprentices.	30 33 150	14 33 135	16 15	13 30 127	13 iö	1 2 8	3			ī	
15 16 17 18	Approntices:  Designers' and draftsmen's apprentices  Machinists' apprentices  Other apprentices  Charwomen and cleaners  Chaufleurs and truck and tractor drivers  Draymen and teamsters  Dyors	692 97 1, 187	9 691 97 1, 169	35	549 62 710	19 1	82	11  7	1 60 12			
19 20 21 22	Elevator tenders Fireman Guards, watchmen, and doorkeepers Janitors	169 569 696 191	167 569 696	15	99 265 432	2	67 266 249		12 1 38 15		8 	
22 23 24 25 26 27	Danorers. Otlers of machinery. Operatives.	13, 199 226 79, 387 113	11, 484 224 36, 898 112	1,715 2 42,489	6, 800 169 23, 659	1, 084 2 32, 415	3, 366 51 12, 380	192 8, 601	43 1, 267 4 779	427 	51 80	12
27	Porters All other occupations MISCELLANEOUS MANUEL CHILDROG	26	9	17	21 9	12	25	4	04	1	2	
28	MISCELLANEOUS MANUFACTURING INDUSTRIES					j						
20	Broom and brush factories.	18, 873	15,718	3, 155	12, 058	2,716	2,801	335	666	100	193	4
30 31 32	Owners, operators, and proprietors.  Managers and officials.  Foremen and overseers.	739 405	723 408	18 16 57	753 642 336	13 15 52	224 80 71	5 1 5				
38 34	Draftsmen Mechanical engineers Other professional pursuits	12 11 17	12 11 11	6	11 8 8	5	1 3 3					
35 36 37 38	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Canyassers	54 70 303 265	46 69 101 255	8 1 202 10	40 66 89	8 1 191	6 3 10	10		·i	2	
39 40 41 42	Clerks. Commercial travelers. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Salesmen and saleswomen.	549 622 35	293 618 33	256 4 2	228 258 567 31	239 3 2	26 81 48 1	17 1	1 3		3	
43 44 45	Purchasing agents Salesmen and saleswomen Shipping clerks Stenographers and typists	21 18 1, 006 241	18 987 232	21 10 9	18 892 202	21 :- 16	83	3				
48	Other clerical pursuits	377 13 26	232 8 2 23	369 11 3	8 2 21	349 9 3	2	19		[		1
52	Carpenters. Compositors, linotypers, and typesetters. Electricians. Bugineers (stationary).	22 13 16	22 12 16		15 10 15	<u>i</u>	7 2 1					
อยา	Machinists Mechanics (not otherwise specified) Millwrights	42   285   74   14	285 74 14				9   - 71   - 14   - 2   -		3			
57 58	Toolmakors and die setters and sinkers Other skilled trades	15 27 18	15 27 18		12 13		2 -		1 2			
61	Apprent less Chauffeurs and truck and tractor drivers Firemen Guards, watchmen, and dearlesses	35 91 36	34 91 36	1	22		1 4 12		11 2	1	2	
63 64 65	Guards, watchmen, and doorkeepers  Lantors  Laborers  Operatives	51 33 2, 587 9, 521	51 31 2, 370 7, 622	217 1, 899	37 16 1,696 5,534	1 167 1,584	14 5 359	1 27 239	10 251	23 73	64	
67	Painters, glaziers, and varnishers (factory)All other occupations	92 43	73 39	19 4	56 17	16	1, 638 13 8	3 2	341 4 14	73	109	3
68 69	Button factoriesOwners, operators, and proprietors	11, 340 241	7, 538	3, 802	5,402	3, 135	2,068	554	64	104	4	9
71	Wanagers and Officials.	210 337	239 207 261	2 3 76	112 151 199	2 3 60	127 56 62	13		3		
72 73	ChemistsOther professional pursuits	13 14	13		8		5	1				

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

#### MECHANICAL INDUSTRIES-Continued

10 TO 17 OI	YEARS D	18 AN YEAR	8 OLD	20 TO 24 OI		25 TO 34 OL		35 TO 44 OL	YEARS D	45 TO 54 OI	YEARS D	55 TO 64 OL	YEARS D	65 TO 74 OL	YEARS D	75 YE AND C	ARS OVER	AG UNKN	EOWN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
5		12 13 81 14 4 12 3 3 3 8 1	1	37 75 299 72 10 53 17 4 11 25	3	44 266 811 174 46 64 68 13 17 23 7	5 2 1	25 369 799 163 51 77 84 9 19 27	1	32 322 576 576 110 75 57 47 10 8	3	22 201 341 54 44 22 7 8 10	1	13 81 83 8 8 16 5 2		2 5 12 2		1		1 2 2 3 4 4 6 6 7 8 9 9 10 11 11 11 11 11 11 11 11 11 11 11 11
13 28 50 14 3 24 4 4 3 697 22 1,847 3	11 4 1 1 1 255 1 4,619	2 25 1 31 5 43 7 7 5 1 2 847 26 2,394 9	1 3 2 1 246 4,895	1 2 44 3 118 15 158 8 19 7 6 1,800 44 5,700	2 3 3 429 1 8, 967	1 9 1 276 28 291 12 77 34 19 2, 541 42 8, 923 27	7 6 3 350 9, 643	1 165 11 170 170 172 21 2,210 2,210 2,704 17,045 17	1 0 1 3 3	48 21 203 36 174 106 33 1,842 36 5,613 20	7 	1 1 29 12 143 48 90 229 51 1,030 26 3,343 15	3 54 2,177	1 7 1 54 32 30 169 35 442 1 1,294 7	18 743	2 1 4 4 17 6 48	1 3	1 9	3	1213 144 16 16 17 18 19 20 21 22 22 24 22 24 25
724	880	804	392	1, 955	848	3, 334	784	3, 187	452	2, 664	215	1, 909	94	930	30	201	8	10	2	28
		2 3 2	2	14 25 27	1 6	101 193 83	5 3 23	219 244 121	$\begin{bmatrix} 4 \\ 6 \\ 12 \end{bmatrix}$	265 140 99	6 3 10	234 79 57	2 3 3	125 33 19		6				29 30 31
		1		1 1 1	2	4 3 5		2 5	4	4		2		ī						3: 3:
2 1 10	5 5	7 6 21 18	11	7 8 26 38 61 73	60 2 77 1	11 22 28 74 93 155	64 2 88 1	14 11 20 55 39 120	1 37 4 42 2	13 8 41 32 103	18 18 1 14	5 8 7 25 19 94	1 7 3	2 5 3 10 9 44		$\begin{bmatrix} 1\\2\\5\\4 \end{bmatrix}$	I	1		333344444444444444444444444444444444444
12 17 2	2 2 2 2 23	24 23 2	1 50 3	148 47 1	168	10 272 55 2 1 8	6 4 95 3	199 34	6 1 28 1	1 176 32 1	2 1 3	3 93 15	1 1 2	2 55 9	1	7		1		444444444444444444444444444444444444444
1		2 1 15		6 4 1 2 2 47 7		4 5 7 6 61 24		7 4 2 3 8 72 20	1	3 11 55 12		4 2 3 11 26 8		4 0 2						5 5
		2		1 2 4		3 1 7		2 5 6		5 1 7 5		2 8 3		1 1 1				i		555555
23 2	1	7 6 1		2 24 3		2 31 2		22 8		4 11		1 6		4		1 1				566
273 338 7 3	46 234 4	1 249 393 8 4	40 255 5	1 474 871 16 5	52 459 1	1 511 1,517 17 2	44 432 3 1	375 1,539 8	1 19 281	11 7 236	10 141 5	19 6 166 987 7	3 65 1 2	15 5 73 490 8 2	1 2 24	11 127	7	2 5	1	6 6
403	555	424	490	883	924	1,688	860	1,807	601	1, 282		787	99	272	17	34 2	3	8	1	6
		2 4	î	1 6 15	16	32 36 48	1 24	90 56 77	1 1 18	60 63 75	12		<u>5</u>			1				7 7 7
		1		2 2		8 4	<u>î</u> -	2 2		4 2		1		<u>-</u>						ļ

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

					NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 10 11	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued  Button factories—Continued.  Accountants and auditors	22 141 202 51 65 14 68 110 1184 17	17 37 133 51 59 14 66 91 3 8	5 104 159 	13 32 111 43 51 12 45 72 3 7 15	5 92 139 5 2 16 123 9	4 5 22 7 5 2 21 17		1 3	1 1 1		
12 13 14 15 16 17 18 19 20 21 22 24 25 26 29	Blacksmiths Carpenters Electricians. Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights. Sawyers. Toolmakers and die setters and sinkers. Other skilled trades Chauffeurs and truck and tractor drivers. Dyers. Firemen. Guards, watchmen, and doorkeepers. Laborers. Operatives Painters, glaziers, and varnishers (factory) All other occupations.	12 11 11 38 343 40 17 60 101 32 28 42 31 38 1,120 7,505 43 43	12 11 11 38 343 40 17 57 101 31 28 39 31 38 940 4, 406 40 45	3 	7 8 9 22 225 28 15 38 34 24 24 29 805 3, 231 22 29	3 1 1,149 2,509 11 1,4	5 33 2 2 10 117 12 2 19 27 7 1 13 14 17 225 1, 233 8 10		1 1 2 18 30			
30 31	Electric light and power plants	289, 255	260, 345	28, 910	219, 944	27, 686	31, 708	1, 150	7, 598	57	1,095	17
823 3456788904142344 4567825555555555666	Owners, operators, and proprietors Managers and officials Foremen and overseers  Chemical engineers ¹ Chemists Civil engineers and surveyors Designers Draftsmen Electrical engineers Lawyers Mechanical engineers Lowyers Mechanical engineers Social and welfare workers Trained nurses  Accountants and auditors Advertising agents Agents (not elsowhere classified) Bookkeepers and cashlers Canvassers Clerks Collectors Commercial travelers Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Sales men and saleswomen Shipping clerks Stenographers and typists Other elerical pursuits	120 10, 679 8, 951 1, 991 1, 991 147 1, 312 20 147 1, 312 20 17 32 4, 352 151 1, 570 12, 622 6, 572 31, 384 1, 643 316 790 485 1, 992 207 10, 610	125 10, 610 8, 885 272 1, 901 32 2, 217 8, 990 145 1, 312 29 11 2 3, 990 135 1, 534 1, 535 6, 237 21, 728 1, 786 392 301 735 1, 503 1,	4 169 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	109 9,016 7,700 48 250 1,808 1,917 8,149 130 1,140 10 21 3,734 140 5,408 381 1,460 5,408 381 1,460 6,408 414 20,251 1,466 420 241 244 25 26 444 27	4 162 50 4 4 50 50 50 50 50 50 50 50 50 50 50 50 50	258 414 1, 051 3 19 170 8 8 205 825 6 161 1 268 414 1, 411 1118 10 16 6 6 29 1 27 20 8	7 7 7 4 4 11 1 2 195 12 426 33 4 34 361	1 1 33 3 3 3 3 17 17 1 2 3 5 41 1 1	33		10
623664 666666667777 7777777777777777777777	Blacksmiths Boilermakers Brick and stone masons and tile layers. Cabinetmakers Carpenters. Cement finishers Compositors, linotypers, and typesetters. Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary) Forgemen and hammermen Machinists. Mechanists, Mechanics (not otherwise specified) Millwrights. Painters, glaziers, and varnishers (building). Pattern and model makers. Plumbers and gas and steam fitters. Sawyers. Structural iron workers (building). Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	412 514 241 41 1, 382 55 51 52, 005 11, 414 4, 393 5, 186 160 178 12, 100 49 123 280 25 4, 100 49 123 280 4, 100 4, 100	412 514 241 41 1, 382 55 43 524 51, 906 11, 413 5, 186 150 178 31 2, 100 49 123 280 24	8 9 1 1	241 383 142 24 1,060 38 38 441 46,774 9,852 116 135 20 1,742 4,342 116 120 1,742 10 41 77 191 21	7	169 110 98 187 17 300 221 4,856 1,485 3 1,880 741 34 39 31 31 314	1	10 263 74 33 74 35		0 2 2 2 2 113 24 0 29 1	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

					NATIVE	WHITE	FOREIGN WHI		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued  Electric light and power plants—Continued.											
1 2 3 4	Apprentices: Electricians' apprentices. Machinists' apprentices. Other apprentices. Charwomen and eleganers. Chauffeurs and truck and tractor drivers.	485 53 217 99	485 53 216 21	1 78	460 49 205 8	1 32	19 3 8 9	26	2 2 4	20	4 1 1	
5 7 8	Elevator tenders Enamelers, lacquerers, and japanners	5, 176 263 174	5, 173 263 137	37	4, 586 222 83 1	20	380 25 40	5	184 15 12	12	23 1 2	
9 10 11 12 13	Firemen. Guards, watchmen, and doorkeepers Housekeepers and stewards \( \) Janitors	5, 096 1, 741 44 1, 540 35, 665	5, 096 1, 738 10 1, 454 35, 650	3 34 86 15	3, 481 1, 224 7 622 22, 062	1 24 41 12	1, 156 465 2 432 8, 115	1 8 34 1	431 44 1 388 4,850	1 2 11 2	28 5 12 623	
13 14 15 16 17	Laborers	1, 425 49, 269 459 140 399	1, 425 49, 218 458 140 399	51 1	1, 064 43, 278 345 118 64	50 1	5, 134 107 22 71	i	40 696 5	2	12 110 1	
19	Electrical machinery and supply factories	388, 570	298, 383	85, 187	233, 990	75, 192	60, 865	9, 769	2, 919	176	609	50
$\frac{20}{21}$	Owners, operators, and proprietors Managers and officials Foremen and overseers	2, 902 10, 480 12, 855	2, 872 10, 212 11, 648	30 268 1, 207	2, 328 9, 212 9, 696	27 249 1, 069	535 999 1,931	3 19 135	5 1 18	3	4 3	
23 24 25 26	Chemical engineers <sup>2</sup>	177 785 441 519	177 760 441 498	25 21	162 664 375 396	22 19	15 94 65 102	3			1 1	
27 28 29 30 31 32 33	Draftsmen Electrical engineers Lawyers Mechanical engineers <sup>3</sup> Photographers Social and welfare workers Trained nurses	5, 731 9, 521 155 2, 387 90 25 106	5, 626 9, 509 153 2, 386 86 14 13	105 12 2 1 4 11 93	4, 610 8, 379 146 1, 968 75 13	91 12 2 1 4 9 83	1, 012 1, 104 7 412 10 1	13 	1	1		
34 35 36 37 38	Accountants and auditors	3, 584 394 1, 257 7, 613	3, 318 362 1, 213 2, 957 324	266 32 44 4, 656	3, 042 341 1, 105 2, 704 284	256 31 42 4, 327 25	276 21 101 251 40	10 1 2 324 1	3	3		2
39 40 41 42 43 44	Clerks. Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purobasing agents	37, 319 284 4, 580 394 1, 389 1, 109	23, 552 278 4, 550 370 1, 264 130	13, 767 6 30 24 125 970	21, 172   260 4, 264 347 1, 189	12, 813 6 27 23 121 909	2, 324 16 283 23 60	941 3 1 3 61	50 2 1		6 2	3
45 48 47 48 49 50	Purchasing agents Sales agents Salesmon and saleswomen Shipping clerks Stenographers and typists Weighers	918 103 7, 570 4, 281 13, 905 85	882 99 7,340 4,174 434 66	36 4 230 107 13,471 19	835 92 6, 770 3, 430 408 47	35 4 212 97 12, 779 18	47 7 555 676 26 15	18 10 687 1	12 65	3	3	2
51 52 53 54 55	Blacksmiths	377 154 129 1,565 1,476	377 154 129 1,565 1,475	 1	156 89 56 741 882	1	217 65 69 814 585		3 2 5		2 1 8 3	
56 57 58 59 60 61	Cement finishers. Compositors, linotypers, and typesetters. Coppersmiths. Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary).	203 30 854 28, 412 4, 718	10 237 30 853 28,401 4,715	26 1 11 3	3 200 14 498 24, 266 3, 961	26 1 10 3	7 36 15 334 3,897 727	1	1 1 21 169 18		69	
62 63 64 65 66 67	Engravers Forgemen and hammermen Glass blowers Jewelers and lapidaries (factory) Machinists Mechanics (not otherwise specified)	97 104 259 19 21, 699 9, 460	82 104 244 13 21,699 9,452	15 15 6	63 65 183 9 14, 920 7, 433	13 14 5	19 39 60 4 6, 704 1, 919	1 1 2	1 47 81		28 19	
68 69 70 71	Millwrights Molders, founders, and easters (metal): Brass molders, founders, and easters Iron molders, founders, and easters Other molders, founders, and easters	1,012 23 92 1,721	1,012 23 92 1,718	3	735 12 46 888	1	277 11 44 783	2	1 44		1 3	
72 73 74 75 76	Painters, glaziers, and varnishers (building) Pattern and model makers Plumbers and gas and steam fitters Rollers and roll hands Sawyers	54 855 1, 108 30 129	54 855 1, 108 30 129		43 613 891 20 97		9 242 209 10 32 42		6		2	
75 76 77 78 79 80 81	Sawyers Skilled occupations (not elsewhere classified)* Structural iron workers (building). Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	147 31 879 6,479	147 31 879 6,477	2 1	105 24 601 4,314	2	276		1		1 2 4	

<sup>1</sup> Includes hostesses and matrons.
1 Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

MECHANICAL INDUSTRIES-Continued

	7 YEARS LD	18 AN YEAR		20 TO 24	YEARS	25 TO 34 OLI	YEARS D	35 TO 44 OL		45 TO 54 OL		55 TO 64 OL		65 TO 74		75 YI AND (		AC UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	F9- male
313 41 80 22 3 2 2 5 5 2 7 573 9 435 5	1 6 2	70 7 48 157 7 7 1 22 1,759 43 1,850	7	788 4 69 2 948 37 17 419 40 85 6, 414 230 10, 620 52 2 9	7 1 12 12 4 15	23 1 17 6 2. 188 90 32 1 1, 550 137 3 9, 672 484 19, 466 142 42 108	13 10 10 2 9 2	1, 465 240 1, 465 240 258 7, 941 208 10, 277 125 34	25 5 10 46 1	3 488 46 16 1,067 379 340 5,731 214 4,041 75 31 76	17 1 1 9 16	11 124 20 19 555 330 2, 684 112 1, 504 44	11 1 10 10	1 14 4 13 95 316 3 190 765 32 356 9 7	3 2	1 5 5 51 177 2 33 1		1 3 1 4 2 44 1 36 1	
8, 553	8, 217	19, 030	15, 997	57, 248	28, 724	92, 255	20, 869	64, 996	7, 953	36, 208	2, 635	15, 452	688	4, 142	110	339	8	160	36
16	15	30 122	7 110	74 460 1, 039	4 45 296	628 2, 963 3, 860	6 88 461	1, 042 3, 776 3, 653	9 78 211	713 2, 114 2, 063	9 32 84	304 692 767	1 17 23	92 155 119	1 1 6	11 9 9		13	i
1		41 13 454	1 12	23 165 53 80 1,611 1,623 4 235 12	8 30 5	77 289 155 200 2, 148 4, 074 52 949 23 1	15 6 42 3 1 1 1 3 3 39	51 170 125 119 950 2, 272 57 711 13 4	2 12 3 2 1 20	22 74 74 64 361 1, 127 24 335 22 2 1	2 6 1 2 10	4 16 28 16 82 328 12 134 7 5	2 3 3 4 3	4 4 5 12 72 2 21 1	1	1 1 5 3		1 3 10 2	1
1 1, 002 1 1, 002 1 857 21 28 120 29 6	1 134 987 	54 6 13 168 2,408 5 45 2 299 33 3 3 134 356 80	26 1 1,550 3 2,270 1 1 	551 63 104 845 54 6, 287 41 409 22 62 62 95 12 1,040 983 164	79 4 6 1, 563 4, 779 1 29 407 5 1 36 32 5, 580	1, 308 161 381 381 1, 025 107 7, 314 90 1, 779 158 12 22 347 31 2, 792 1, 165 95	99 14 17 1,540 7 3,874 1 1 9 16 13 298 15 1 76 28 3,688 3,688 3	816 96 393 474 97 3, 421 1, 380 110 9 14 282 2, 020 742 37 8	39 8 8 627 1, 322 4 7 7 1 66 10 2 66 10 10	339 220 243 43 1, 813 46 686 48 9 5 115 20 950 509 509	21 4 6 201 4 421 5 10 4 24 6 172 172	123 12 85 98 13 012 10 205 16 8 8 33 7 286 240 5	2 5 31 1 90 2 1 1 6 3 35	30 14 42 3 287 6 34 5 6 4 7 7 3 73 55 1	1 6 1 18	5 6 34 1 1 2	I	1 14 4 5 2	3 5
5	3	3 1 1 59 17 24 3 15 1,486 57 4 1 21 1 638 627 9	6	15 12 13 23 106 1 1 61 2 105 6, 265 706 8 8 61 1 2, 787 2, 787 2, 255 77	10 6 15 8 1	47 46 28 446 323 1 65 9 258 10, 844 2, 001 25 82 2 6, 775 3, 314	1 5 1 4 2 5	115 43 43 43 379 385 4 42 42 65 6, 256 1, 070 24 38 43 45, 986 1, 936	1 2	101 29 31 2700 350 4 18 8 148 2, 538 572 27 23 227 23, 625 8955 235	1	75 17 10 128 193 12 3 48 818 225 6 8 9 4 1,501 335 94		20 6 3 49 79 79 3 1 6 67 1 1 1 1 - 360 77 24		3 8 1 1 16 4		16 4 	
1		1 43 2 21 17 1 3 4 1 24 172		1 15 195 10 105 130 7 22 21 9 112 786	1	3 19 498 12 190 362 8 27 87 8 286 2,055	1	10 21 585 12 213 358 358 40 7 236 1,961	2	7 28 318 6 190 171 4 27 27 5 137 1,039	1	2 13 105 6 99 60 1 11 14 173 375		5 24 4 34 9 		1 1 7		2 1	

<sup>&</sup>lt;sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

<sup>4</sup> Most of these were returned as metal "annealers," "hardeners," "testers," or "treaters."

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### MANUFACTURING AND

					NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued											
	Electrical machinery and supply factories— Continued. Apprentices:											
$\frac{1}{2}$	Designated and desitation and appropriate	188 751 492	186 749 490	2 2 2	176 708 456	2 2 2 24 58	10 36 33		4		1	
4 5 6	Electricians' apprentices  Machinists' apprentices Other apprentices Buffers and polishers (metal) Charwomen and cleaners Chauffeurs and truck and tractor drivers	1,778 1,243 96	1, 751 1, 170 33	2 2 27 73 63	1, 626 749	24 58 16	107 419	3 13 37	10 2 1	2 10	8	
7 8	Chauffeurs and truck and tractor drivers Draymen and teamsters	2, 652 125	2, 648 125	4	2, 181 97	3	16 359 24	1	105 4		3	
9 10 11	Draymen and teamsters Elevator tenders Enamelers, lacquerers, and Japanners Filers (metal)	335   273 172	317 242 150	18 31 13	173 192 106	15 23 13	132 50 52	1 8	12 î			
10 11 12 13 14	Firemen Furnace men, smelter men, and pourers Grinders (metal) Guards, watchmen, and doorkeepers.	818 117 971	818 117 935	86	477 63 689	25	302 51 243	10	39 3 3			
15 16 17	Guards, watchmen, and doorkeepers	1, 553   35 136	1, 547 35 10	6 126	1,022 25 7	5 76	508 9 2	1 48	17 1 1	2		
18 19 20 21 22	Cilors of machinary	1, 085 36, 885 285	997 33, 345 284	88 3,540 1	20, 003 180	37 2,957	419 11, 868 91	45 548	171 1, 275 12	6 27	199	8
21 22 23	Operatives. Painters, glaziers, and varnishers (factory) Policemen.	117, 327 2, 048 247	72, 012 1, 893	45,815 155	56, 603 1, 333	38, 403 134	14, 753 538	6, 774 19	473 16	104 2	183	34
23 24 25	Porters All other occupations	419 18	247 419 17	1	190 103 13		57 140 4	1	175		1	
26	Independent hand trades	360, 329	159, 293	201,036	85, 672	146, 147	65, 027	31, 620	6, 585	20, 965	2, 020	2, 304
27 28 29	Blacksmiths Cabinotmakers	41, 456 115 286	41, 448 115 286	8	31, 960 83 226	6	7, 152 27 55	2	2, 052 4		284 1	
27 28 29 30 31 32 33	Coppersmiths Engravers Goldsmiths and silversmiths	23 10	23 10		10 8		12 1		1		1.	
33 34 35	Jewelers and watchmakers (not in factory)	$\begin{bmatrix} 143 \\ 27, 125 \\ 23 \end{bmatrix}$	26, 573 23	552	17, 875 20	421	8, 210 3	123	216	5	272	3
36	Mechanics (not otherwise specified) Piano and organ tuners Shoemakers and cobblers (not in factory)	6, 102 76, 388	0, 083 76, 127	19 261	176 4, 973 25, 834	19 170	1, 013 44, 849	67	9 78 4, 129	21	1 19 1, 315	3
37 38 39 40	Shoemakers and cobblers (not in factory). Skilled occupations (not elsewhere classified) 2 Tinsmiths and sheet-metal workers. Upholsterers Other skilled trades.	2, 536 69	2, 536 65	1	1, 929 50	1 2	13 559 12		40	2	8	
41	1 mmantings	51	51		34		15		1		1	
42 43 44	Blacksmiths' apprentices Blacksmiths' apprentices Dressnakors' and milliners' apprentices Jéwelers', watchmakers', goldsmiths', and silversmiths' apprentices. Other apprentices. Other apprentices Oressmakers and seamstresses (not in factory) Grinders (metal) Milliners and millinery dealers	2, 181 31	175 20 31	2, 161	158 16 27	1, 778	8 4 3	260	9	63	1	60
45 46 47	Other apprentices. Other apprentices. Dressmakers and seamstresses (not in factory)	158, 380	8 452	157, 928	8 123	112,839	312	22, 571	6	20, 433	11	2, 085
48	Milliners and millinery dealers	44, 948	4, 846	40, 102	2, 099	30, 911	2, 721	8, 597	10	441	16	153
49 50	Rubber factories	168, 891	130, 784	35, 607	96, 614	29, 949	30, 402	5, 525	3,408	89	365	44
51 52	Owners, operators, and proprietors	1, 001 4, 080 5, 582	985 3, 993 5, 074	16 87 508	806 3, 672 4, 302	16 81 439	176 321 765	6 68	3 ' 6	1	1	
53 54 55	Chemical engineers 3 Chemists Civil engineers and surveyors	165 1, 018	164 1, 007	1 11	147 912	1 10	17 95	1				
56 57	Designers Draftsmen	67 100 354	67 92 858	8 1	62 80 280	8 1	5 12 73					
58 59 60	Electrical engineers Lawyers Mechanical engineers 4	96 38 619	96   35 619	3	80 35 546		16 73					
61 62 63	Photographers Social and welfare workers Trained nurses	10 4 62	10   2   2	60	9 2 2	52 52	1	8				
64 65	Accountants and auditors Advertising agents	1,506 149	1, 399 137	107 12	1, 303 131	103 11	96	4				
66 67 68	Agents (not elsewhere classified)  Bookkeepers and cashiers Canyassers	2, 582 25	449 1, 054 15	1, 528 1, 528	409 974 14	17 1, 446	40 78 1	81			1	1
69 70 71	Collectors Commercial travelers	10, 106 23 1, 658	6, 538 20 1, 647	3, 568 3 11	5, 909 18 1, 565	3, 381 3 11	605 2 77	186				ī
72 78 74	Gredit men	311   307   503	299 282 44	12 25 459	274 250	12 23	25 29 5	2 21			1 1	
75 76	Purchasing agents Sales agents	260 22	252 21	459 8 1	39 235 17	438 8 1	17	21	i			

<sup>1</sup> Includes hostesses and matrons,

<sup>&</sup>lt;sup>2</sup> Most of these were returned as "wood carvers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

#### MECHANICAL INDUSTRIES-Continued

10 TO 1		18 AT YEAR	S OLD	20 TO 2- OI	4 YEARS LD	25 TO 34 OL		35 TO 44		45 TO 54 OI		55 TO 64 OL		65 TO 74 OL		75 YE AND (		AC UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
121 479 238 783 22 1 31 3 3 7 4 4 1 1 1 1,177 4 3,380 47	1 1 1 14 10 2 1 1 	38 124 138 442 47 1 152 9 12 16 11 15 17 77 4 1 1 17, 347 117 117	1 1 8 21 5 6 2 9 9 9 38 35 9 35 35	26 129 105 466 168 9 631 20 22 54 18 52 14 157 35 3 3 6, 085 3, 085 7 7 63 48 48 48 5, 085 3, 085 3, 085 3, 085 3, 085 3, 085 4,	3 15 4 1 7 6 3 1,130 1,14,492 46	1 13 8 53 265 77 1,097 40 43 33 74 21 197 33 387 147 9 120,547 514 65 89 7	11 8 7 1 4 4 4 3 3 9 9 9,707 37	1 1 6 320 4 494 494 211 477 550 82 241 41 2211 214 8 4 4 106 6, 801 12, 390 61 84 4 2	1 10 31 8 8 8 7 2 24 312 312 4,137 13	1 243 6 184 14 57 23 39 189 0 5 230 4, 627 64 6, 645 64 78 78 78 78 78 78 78	7 8 1 2 3 3 40 18 123 1,388 4 4	75 8 51 17 7 7 33 8 8 60 474 8 2 245 21 3 068 4 142 42 42 46	33 9 37 319	1 29 1 8 2 48 6 12 20 1 1 4 257 710 5 722 36 7 36 7 35	1 2 	1 28 18 57 2 1 3 3	5	1 	20
1, 465	2, 520	2, 351	4, 108	7, 656	13, 933	24, 534	33, 806	39, 455	50, 565	37, 854	47, 764	27, 253	32, 384	15,096	13, 845	3, 728	1, 881	103	250
1, 336	10	69 2 1 1 2 481 26 1,652	38	529 8 7 4 12 2, 185 107 4, 174 1 82 3 4	87	3, 139 8 29 4 48 6, 080 8 38 791 12, 441 3327 14	147 7 49	8, 605 18 31 3 2 43 6, 708 44 1, 554 19, 823 7 715 11	119	11, 928 22 59 6 2 15 5, 026 6 49 1, 706 17, 360 9 632 14 8	95 56 1	10, 288 25 71 5 16 8, 713 4 36 1, 176 10, 942 465 12 11	47	5, 588 26 63 1 1, 856 1, 856 516 6, 589 4 247 9	14	1, 277 11 25 441 1 12 114 1, 762 1 55 2	4	25	1 2
82 18 18	1, 886	33 1 4	158	38 1 7	83	16	26	5 1	3		4	1	i						
8 3	624	3 1 60	1, 920	15 1 377	7, 293 6, 452	91 4 1, 276	23, 650 9, 927	146 4 1, 661	40, 302 10, 054	104 2 906	40, 451 7, 149	63 5 413	28, 902 3, 377	24 4 130	12, 840 982	3 19	1, 764	4	182 64
2, 261	2, 483	5, 401	4, 625	20, 549	10, 414	41, 495	10, 691	33, 391	4, 882	17, 454	1,759	7, 688	615	2, 246	109	. 227	10	72	10
4	3	9 26	3 24	19 165 377	1 14 83	181 1, 020 1, 614	22 177	309 1, 579 1, 660	5 21 124	248 810 904	18 69	162 315 390	7 23	81 91	2 5	9 4		5 4	
	1	37 14	2	25 208 4 5 75 10 4 51 4	2	72 434 33 39 130 83 14 224 1	2 1 2 1 25	50 225 18 30 90 30 14 216 3 1	1 1 17	15 66 8 12 33 15 3 100	1 1 8	2 32 3 6 11 6	1	2	I	1		1	
1 12 213 161 3	28 119 10 9	14 3 2 69 524 3 1 72 9	10 4 	203 22 36 282 1 1,785 4 90 18 27 15	31 3 3 451 1 1,250 	624 68 148 387 3 2, 128 8 533 123 7	37 3 4 587 1, 213 2 4 7 1 146	401 31 145 189 4 1,096 4 618 113 5	21 2 3 219 4 400 1 1	109 10 72 57 4 505 2 254 32 3 1	3 83 130 4 1	34 31 40 3 243 117 7 7 3 1 11 2	2 4 21 2 31	14 12 15 80 1 28 5 3	3 1 5	2 3 11 1 2	1 2	1 1 3	1

<sup>&</sup>lt;sup>3</sup> Included, in other occupation tables, in the group "Mining engineers."

# Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

	INDUSTRY AND OCCUPATION	Total		Female	NATIVE	WHITE	FOREIG WH	n-born Ite	NEG	)RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	10001	Male	remaie	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued  Rubber factories—Continued.  Salesmen and saleswomen Shipping clerks. Stenographers and typists Weighers	2, 174 2, 271 4, 448	2, 13S 2, 204 175	36 67 4, 273	1, 995 1, 832 169	34 62 4,055	140 345 6	1 5 213	2 25	1	1 2	2
5 6 7 8 9 10 112 13 14 15 16 17 18 19 20 21 22 23	Blacksmiths Bollermakers Brick and stone masons and tile layers Cabinetmakers Carpenters Carpenters Compositors, linotypers, and typesetters Cranemen, derrickmen, hoistmen, etc. Electricians Engineers (stationary) Engravers Machinists Machinists Machanics (not otherwise specified) Millwrights Pattern and model makers Plumbers and gas and steam fitters Sawyers Tinsmiths and sheet-metal workers Toolmakers and die setters and sinkers Other skilled trades.	192 161 23 43 19 559 395 698 915 1,148 110 4,665 1,206 482 144 805 20 144 300 27	185 161 23 43 43 19 559 275 68 915 1, 148 109 4, 665 1, 205 482 141 805 20 144 806 26	120	130 75 16 26 12 367 242 509 772 955 88 3, 232 109 653 18 106 229 17	112	40 83 7 16 7 191 33 8 120 188 21 1, 404 201 132 32 2 32 2 38 71	8			1 5 7	
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	Apprentices:  Machinists' apprentices. Other apprentices. Other apprentices. Charwomen and cleaners Chauffeurs and truck and tractor drivers. Draymen and temmsters. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors. Laborers. Oilers of machinery. Operatives. Painters, glaziers, and varnishers (factory). Policemen. Porters. All other occupations.	47 91 28 1, 267 72 365 683 697 753 29, 123 234 456 150 118 39	47 84 4 1, 267 72 360 683 696 712 25, 980 234 50, 546 150 118 19	7 24 5 1 41 3, 143 21, 289 110	41 75 2 1, 007 58 178 418 445 100 15, 569 153, 649 141 141 23 11	7 6 3 1 11 2,533 16,917 104	5 8 2 160 11 135 225 237 192 8,709 80 14,732 92 0 17	17 1 27 574 4, 289 6	97 3 47 40 13 360 1, 520 1, 090 10	1 1 3 3 30 49	3 3 1 182 151	6
40	Straw factories	2, 290	968	1, 327	750	1, 094	191	223	20	10	2 -	
41 42 43	Owners, operators, and proprietors	20 25 69	20 25 42	27	15 24 34	23	5 1 7	4	1			
44 45 46 47 48 49	Professional pursuits	6 16 41 15 14 17	5 5 17 14	1   11   24   1   14   -	4 5 16 12 -	1 9 22	1 2	2 2				
50 51 52	Engineers (stationary)	11 21	11 21		20 -		2				1  -	
53 54	Other skilled trades.  Laborers. Operatives. All other occupations.	15 148 1,818 54	15   136 584 52	12 1, 234 2	15  - 101 445 36  -	10 1, 014	28 133 10	1 212 1	7 5 6	1 8 1	1	
56	Turpentine farms and distilleries	43, 467	43, 045	422	10, 588	141	46		82, 402	281	9	
	Owners, operators, and proprietors	874 512 991	870 508 990	4 1	858 600	4 4	3		9			
60 61	Chemical engineers (	13 32 11	13 31 11		800 12 30 11	1	1		190			
63 64 65 66 67 68	Accountants and auditors Agents (not elsewhere classified)	23 11 181 98 17 62	23 11 161 83 17 4 36	20 15 58	23	20 14 58	3		3 2 7	1	1	
70 71 72 73 74 75	Blacksmiths. Carpenters. Coopers. Electricians. Engineers (stationary) Machinists. Included, in other occupation tables, in the group "M	20 20 204 10 21	20 20 204  10 21  33		18 16 40 10				7 7 162		1	

# GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES-Continued

10 TO 17 OI	YEARS D	18 AN YEARS	D 19 D 10	20 TO 24 OL	YEARS	25 TO 34 OLI	YEARS	85 TO 44 OL	YEARS D	45 TO 54 OL	YEARS D	55 TO 64 OLI	YEARS	65 TO 74 OL	YEARS D	75 YE AND C	ARS OVER	AG UNKN	e own
Malo	Fe- amle	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
10 34 9 0	0 122	23 140 34 7	2 3 638 1	204 482 78 28	10 22 1, 809 1	745 685 30 35	8 18 1,368 4	696 431 10 55	9 5 257 1	300 275 4 35	3 9 57	115 117 1 15	1 4 17	41 37 4 10	2 4	3 2		1 1	1 1
2 6		1 6 18 1 15 9 82 34 6 8 9	18	26 70 85 70 21 170 34 13 60 1	43	9 16 179 78 26 358 206 38 1,377 414 87 36 226 6 33 115	30	6 12 5 144 41 21 319 351 28 1,498 336 145 270 7 39 102	13	6 8 4 156 27 10 100 226 7 852 154 119 20 183 2 34	3	1 2 6 99 21 4 34 187 72 70 15 50	1	3 40 2 3 43 2 75 24 20 13 6 4 2 2		5 4 1 1 1		1 3	
1 30 31 10 1 3 (003 1 1, 112 7	246	11 18 22 5 4 4 7 1, 485 4 2, 610	412	250 26 29 19 35 6 4,396 18 10,402	1 1 2 833 5, 594 26	7 1 542 26 27 133 32 130 7, 274 58 20, 400	5 	1 3 304 17 61 215 105 158 6, 200	7 	90 7 87 177 180 153 3, 798	8 146 1, 194 2	- 1, 621 39 2, 725	3 41	- 6 3 51 - 21 128 64 536 675		l 1	4 1 1 7	2 2 2 1 1 1 1 1 5	4
48	11 10 10 10 10 A1 A0 10 10 A1 A0 10 A1 A0 10 A1	56	108	134	197	24 26 3 172 3 0 9	249	227	278	179 6	183	108	144	86	55	3		4 1	l
1	1 5	1 2	- 3	1 1 5 3	3	2 6 3	3 5	4	: 	. 1	2		3		i		2		
3, 683	98	3(	) 98 L	83	183 1	10	3 234	138	8 263	23 10	8	1 5' 10 7 3, 37	7 13 0 13	1 4 1 6 91	4 5 3 8	1 15	2	4	4
		1	2	21 33 90	3	200	1 5 	2 16 27	3	ī	7 5 2 1  6		5	1 1	1		2		i
	3		2	2 2		5 2	3 7 7 8 1 5	3 4 1 9	5 2 2 8  8	2 2 2	9	5	3 5  4 1	1 2	1		1 2		
	2		6	2	4 3 1	3	5 1  8 		5 4		5		1 2 4		2				1

#### Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

=					NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
į	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued Turpentine farms and distilleries—Contd, Mechanics (not otherwise specified) Millwrights Plumbers and gas and steam fitters.	25 10 32	25 10 32		15 9 31		1		10 1			
5 6 7 8 9 10	Other skilled trades.  Chauffeurs and truck and tractor drivers. Draymen and teamsters. Fremeu. Guards, watchmen, and doorkeepers. Laborers. Operatives. All other occupations.	28   591   507   32   59   37, 620   1, 368   26	591 507 32 58 37, 313 1, 360 24	1 307 8 2	353 98 0 41 6, 721 629	35	1 2 10 9		236 409 26 15 30, 577 721 10	1 272 5 2	5 1	
12	Other miscellaneous manufacturing indus- tries.	360, 023	280, 469	79, 554	181, 144	64, 534	65, 272	11,570	81, 255	3, 139	2, 798	311
13 14 15	Owners, operators, and proprietors	13, 546 17, 657 10, 727	13, 151 17, 120 9, 157	395 537 1,570	8, 661 15, 340 7, 195	314 492 1, 310	4,400 1,746 1,828	76 42 238	45 15 111	$\begin{bmatrix} \frac{4}{3} \\ 22 \end{bmatrix}$	39 13 23	1
16 17 18 19 20 21 22 23 24 25 26	Chemical engineers <sup>1</sup> Chemists. Civil engineers and surveyors. Designers. Draftsmen Electrical engineers. Lawyers. Mechanical ongineers <sup>2</sup> Photographers. Social and welfare workers. Trained nurses.	121 1, 036 231 231 919 1, 082 477 33 1, 617 184 4 42	121 997 231 527 1,058 477 33 1,617 149 2	392 24 	110 849 201 293 894 415 28 1,401 115	290 18 27 1 27	11 143 29 231 162 59 5 213 32 1	76 6	3	24	1 2 2	2
27 28 29 31 32 33 34 35 36 37 38 40 41 42 43	Accountants and auditors	1, 711 347 978 10, 026 245 18, 392 201 3, 874 312 1, 580 373 341 67 5, 248 4, 577 10, 088 533	1, 566 309 930 4, 420 183 9, 066 187 3, 825 57 1, 452 57 599 62 5, 009 4, 349 343 509	145 38 48 5,600 62 8,426 14 49 25 128 316 42 5 179 228 9,745	1, 425 283 824 4, 115 167 8, 783 161 3, 440 202 1, 283 521 54 4, 488 3, 543 321 428	138 36 44 5,076 44 7,756 13 47 25 120 293 38 4 161 204 9,152 22	136 25 96 295 13 1,070 24 375 25 114 78 8 504 671	7 2 1 508 10 650 2 2 3 4 15 17 580	17 4 37 97 1 7 51 1 1 1 1 3 3 7	3 9 8 15 1 3 3 6 6	5 3 12 16 1 3 4 4 222 4 8 3	7 5
44 46 46 47 48 40 50 51 52 53 54 55 60 60 60 70 71 72	Blacksmiths Boilermakers Brick and stone masons and tile layers Cabinetmakers Carpenters Compositors, linotypers, and typesetters Coopers Coppersmiths Cranemen, derrickmen, holstmen, etc. Electricians Engineers (stationary) Engravers Forgemen and hammermen Goldsmiths and silversmiths Jewelers and lapidaries (factory) Loom fixes Machinists Mechanics (not otherwise specified) Millwrights Molders, founders, and casters (metal): Brass molders, founders, and casters Iron molders, founders, and casters Other molders, founders, and casters Painters, glaziers, and varnishers (bullding) Pattern and model makers Plumbers and gas and steam fitters Sawyers Skilled occupations (not elsewhere classified) § Tinsmiths and sheet-metal workers Toolmakers and dis setters and sinkers Upholsterors	353 68 92 1,346 1,446 1,044 43 25 1,157 7,984 38 20 8,718 4,872 73 40 125 1,054 2,098 307 1,553 1,084 2,085 2,085 3,085 2,985	353 68 922 582 1,346 925 1,157 7,983 34 30 8 718 4,866 865 12 73 46 125 1,945 2,998 2,95 1,52 1,945 2,985 1,52 2,985 1,52 2,988 2,58	2 119 1 76 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	195 44 44 280 948 778 109 991 991 6, 588 277 17 6, 263 3, 480 657 10 56 37 97 1, 477 1, 778 99 991 1, 478 1, 478 1, 478 1, 478 1, 478 1, 478 1, 488 1, 488 1	2 107 08 8 1 3 8	134 19 44 259 362 141 129 153 1, 110 86 13 18 14 14 163 2, 254 1, 224 165 8 21 472 307 477 246 608	7	189 133 45 10 12 9 249 133 45	2 2	1 2 1 1 5 1 27 1 27 1 22 20	
73 74 76 76 77 78 79	Other skilled trades.  Apprentices: Designers' and draftsmen's apprentices. Electricians' apprentices. Machinists' apprentices. Tinsmiths' and coppersmiths' apprentices. Other apprentices.	46 22 160 20 699	32 22 160 20 655	14	30 21 145 18 595	13	2 1 14 2 53	1 2	1 5			

Included, in other occupation tables, in the group "Mining engineers."
Includes, also, all technical engineers not elsewhere classified.
Most of these were returned as motal "temperers," "testers," or "treaters," and "wood carvers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES-Continued

O TO 17	YEARS	18 AN YEARS	D 10 I OLD	20 TO 24 OL	YEARS	25 TO 34 Y OLD	EARS	35 TO 44 OLI		45 TO 54 OL		55 TO 64 COLD		65 TO 74 OLI	YEARS D	75 YE AND O	ARS	AG: UNENG	
Male	Fø- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
3,603	55 1	31 17 2,533 20 3	28 2	6 2 141 00 3 1 6,532 101 6	47	11 3 12 7 255 107 12 8 8,508 292 7	71 3	77 33 77 12 1112 1100 4 122 0,040 291 4	58 1	3 2 5 4 4 37 110 11 11 5,784 1298 1	1 34 1 2	2 1 2 0 64 2 14 2,658 199 2	12	20 10 767 46	1 719	2 139 3	1	2 	64
8,780	7, 583	18, 299 15 45 54	10, 870 1 8	38, 682 278 588	21, 523 10 51	2, 381 3, 945	19, 135 65 131	4, 057 5, 545 2, 886	11,067 106 160 371	3,423 4,219 2,083	5, 978 107 118	2, 079 2, 085	78 51 98	793 589		112 88		13	3
3 2 1	2	54 42 10 70	26 3 5	560 15 210 20 64 286 49 1 104 23	13 84 3 	2, 346 68 369 70 146 409 181 10 539 42	481 17 134 8 55	31 206 72 131 181 146 9 527 41	72 8 	5 100 40 96 76 72 9 308 14 1 1 1 208 37	30 50 1 4 1 6 3	1 45 23 55 28 22 24 112 19 19 74 14	24	1 15 4 18 7 6 6 25 4 2 5 2 1	2	1 1 1 1 2 2			1
20 502 1 	183 2 560 1	218 3 1,109 1,109 2 2 3 33 1 11 4 47	629 2 1,162 3 3 3 3 3 5 6 1 1 1 1 2 3 3 3 3 3 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1, 030 14, 030 2, 42F 31 293 20 73 10 40 40 900	1,860 4 2,667 3 5 30 112 7	88	55 11 1,730 10 2,356 1 11 10 10 11 4 4 5	1, 510 31 1, 091 5 87 1 10 3 1 10 3 2 156 2 2 25 3 1, 31 6 06	765 18 1,065 1,065 14 14 15 14 16 16 22 4 1 3 3 4 66	1 740 1 50 2 16 5 10 2 19 6 78 4 54	33 16 33 16 3 44 3 16 3 3 16 3 3 16 3 3 16 3 3 16 3 3 16 3 3 16 3 16	1 18 6 385 3 23 20 6 2	8	4 98 77 200 14 77 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 1 20 1 3 3 1 1 7 7	1	1	1	-
1,	8	1 2 2 7 7	23 42 7 1i 11 12 6 1 2 2 1	55 22 55 22 53 4 1 1	7	38 - 18 - 22 - 233 - 205 - 11 - 5 - 5 - 43 - 1,988 - 1,981 - 11 - 11 - 11 - 11 - 11 - 11 - 11 -	3 3 2 3 3 3 5 7 7 7 9	28 2, 25 7 1 3 2, 34 2, 25 9	6	1, 78 9 (	8 5 5 9 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,03 3 3   1 40 11	3 5 0 5 0 0 1 5 0 0 3 2 2 3 3 7 7 4 3 3 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 3 11 4 1 1 1 3 1 1 3 1 1 3 1 1 3 1 1 1 1	22	2	1 1 20 20 20 21 1 1 1 1 1 1 1 1 1 1 1 1		1
	5		1 100 771 388 112 4 44 137 0	1 20 1 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 5 50 50 57 7 60 70 38 1	1 1 3 2 51 62 7 1 3 33 62	4 8 9 5	6 5 6 3	5 15 19 47 51 51 43 51 51 51	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2	11	3 1  7 		3 2 3 58 14 6 28 48 12 1		1 1 1 1 2 2 1 1 4 7 2		1
1 10	17 09 16	14  10 1	3 4 20 3 98		1 1 23 1 1		1	8	1				1						1

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY MANUFACTURING AND

[In this table, the occupations of each industry are presented in most cases in five groups: Proprietary, official,

T.

					NATIVE	WHITE	FOREIG WII		NEG	го	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fo- male	Male	Female	Male	Fe- male
	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued  Other miscellaneous manufacturing industries—Continued.											
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 20 20 20 20 20 20 20 20 20 20 20 20	Buffers and polishers (metal) Charwomen and cleaners Chauffeurs and truck and tractor drivers. Draymen and teamsters. Dyers. Elevator tenders. Elevator tenders. Filers (metal) Firemen Furnace mon, smelter men, and pourers (metal) Grinders (metal) Guards, watchmen, and doorkeepers Housekeepers and stewards 1 Janitors. Laborers Oilers of machinory Operatives. Painters, glaziers, and varnishers (factory) Policemen Porters All other occupations.	781 689 8, 031 1, 080 608 220 183 222 2, 704 40 3112 2, 388 28 732 65, 871 403 129, 400 2, 405 473 15 473 15 473 16 473 16 473 16 473 16 473 16 473 173 173 173 173 173 173 173 173 173 1	736 20 8, 028 1, 089 582 217 216 2, 704 40 2, 704 46 77 61, 267 61, 267 40 34 478 1, 705	45 48 3 26 9 02 6 7 24 25 5 4, 004 45, 511 700	542 10 5,731 607 169 138 91 165 1,421 19 19 17 29 27,242 27,648 242 27,648 242 27,048 242 24,391 1,190 22	42 20 1 10 3 51 6 	193 5 591 992 73 300 480 88 84 449 10,050 73 31,552 472 111 81 6	3 13 11 8 3 11 	1 1 5 1 614 887 20 5 5 20 6 5 20 6 6 21, 634 822 4, 573 20 1 346 1 1 346 20 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 3 1 21 804 2,102 10	02 5 1 1 10 23 5 1, 935 0 0 433 14	2 41 242 3
22 23 24 25	Other not specified manufacturing industries  Owners, operators, and proprietors  Managers and officials  Foremen and overseers	5, 470 10, 521 12, 527	5, 336 10, 087 10, 750	106, 166 134 434 1, 777	3, 959 8, 762 8, 462	107 385	95, 008 1, 325 1, 300 2, 182	25 46 237	24, 887 35 19 91	6, 713 2 2 27	2,427 17 6 15	1 5
26 27 28 29 30 31 32 33 34 35	Chemical engineers <sup>2</sup> Chemists Civil engineers and surveyors Designers Draftsmen Electrical ongineers Lawyers Mechanical engineers <sup>2</sup> Photographers Social and welfare workers Trained nurses	119 1, 159 309 585 2, 073 551 120 1, 297 57 28	119 1, 119 309 378 2, 043 551 116 1, 297 53 8	207 30 4 207 30 4 20 411	98 910 264 213 1, 670 477 112 1, 055 34 5	1, 508 37 153 26 4 18 343	20 184 43 162 356 71 4 239 18	3 48 4 	15 2 2 3 3 2	6	1 4 1 5 1	
37 38 39 40 41 42 43 44 45 47 48 49 51 51 55 53	Accountants and auditors Advertising agents. Agents (not elsewhere classified) Bookkeepers and cashiers Canvassers. Clerks. Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office-appliance operators. Purchasing agents Sales agents Sales agents Sales agents Salesnen and saleswomen. Shipping clerks. Stenographers and typists.	2, 484 232 1, 685 8, 339 110 24, 636 80 1, 479 247 1, 543 474 584 52 3, 805 6, 356 10, 722	2, 233 200 1, 631 3, 442 72 15, 104 2 1226 1, 393 93 544 47 3, 622 6, 173 401 120	201 32 54 4, 897 38 9, 532 8 31 21 150 5 183 183 10, 321 27	2, 017 191 1, 449 3, 083 62 13, 280 1, 330 79 488 .44 3, 172 4, 772 365 91	103 29 43 4, 507 28 8, 760 8 19 130 360 35 5 151 152 9, 788	214 9 177 349 8 1,642 9 116 95 14 55 3 431 1,101	8 8 3 5 5 373 2 722 2 2 14 21 5 5 5 5 15 5 3	2 3 4 2 152 2 1 1 105 1 1 4 283 5 5 5	0 13 8 44 3 	2 6 21 1 3 17 5	1 3
54 55 55 55 55 55 55 65 65 65 65 67 77 77 77 77 77 77	Blacksmiths Boiler makers Brick and stone masons and tile layers Cabinetmakers Carpenters Cament finishers Coopers Coopers Coppersmiths Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary) Engravers Forgemen and hammermen Goldsmiths and silversmiths Jewelers and lapidaries (factory) Loom fixers Machinists Mechanics (not otherwise specified) Millwrights Molders, founders, and casters Lro molders, founders, and casters Other molders, founders, and casters Other molders, founders, and casters	1, 387 805 235 1, 561 5, 503 17 1, 967 284 163 707 3, 942 5, 104 370 180 103 137 102 20, 853 13, 709 2, 700	1, 387 895 235 1, 561 5, 503 17 1, 836 284 163 707 3, 938 5, 104 14347 102 29, 852 13, 704 2, 698 25 109 136	131 4 23 10 15 2	769 035 129 661 3,005 67 1,450 134 76 481 3,145 3,640 239 115 67 68 55 20,266 10,153 2,025	123 120 6 1 5 2	574 235 102 826 9 353 1112 202 726 736 1, 354 100 547 47 9, 236 2, 075 650	8 3 3 1 4	41 17 3 11 91 2 25 34 4 2 21 30 101 1 6 303 488 20		3 8 1 1 4 21 8 4 4 1 3 7 7 0 1 1 47 88 8 3 8	
80 81 82 83 84 85	Painters, glaziers, and varnishers (building)  Pattern and model makers  Plumbers and gas and steam fitters  Sawyers  Skilled occupations (not elsewhere classified) 4  Stone cutters  Tissmiths and sheet-metal workers  Troolmakers and die setters and sinkers  Upholsterers  Includes hostesses and matrons	3, 550 2, 120 760 275 70 2, 462 4, 709 817	111 3, 552 2, 120 759 276 70 2, 461 4, 799	1 1 48	70   2, 683   1, 683   1, 683   1, 694   3, 013   490	1 1 36	38 861 441 124 129 33 774 1,771 265	2	3 7 41 34 2 1 16 10	1	1 2 4 1 7 5	

<sup>&</sup>lt;sup>1</sup> Includes hostesses and matrons.
<sup>2</sup> Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

MECHANICAL INDUSTRIES-Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

0 TO 17 OI	YEARS D	18 AN YEARS		20 TO 24 OL		25 TO 34 OLI		35 TO 44 OI		45 TO 54 OL	YEARS D	55 TO 64 OLI	YEARS	65 TO 74 OI.	YEARS D	75 YE AND C		AGI UNKNO	
Male	Fo- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
12 193 26 5 7 10 1 5 2,580 3,309 117 21	1 3 2 2 5 2 3 5 5 7 5 7 5 7 10 115	10 2 453 54 20 7 8 7 23 1 1 13 8 9 3, 841 12 4, 924 155	3 	72 3 1, 783 155 51 122 17 38 154 3 3 3 3 50 25 10, 806 4 12, 682 4 52, 694	17 5 1 2 18 2 18 2 19 10,772 109	109 4 3,090 323 117 19 30 547 10 06 149 61 16,234 40 4 103 6 89,189	14 10 2 20 2 20 1 3 12 900 9, 892 140	211 3 1, 635 252 160 21 25 40 739 739 72 262 112 12, 900 115 18, 821 5 99 9 2 2	4 12 1 7 5 2 3 16 609 6,848 65	138 4 667 173 142 38 38 22 35 729 9 35 548 1 164 8, 895 68 12, 567 193 11 76 2	3 9 3 3 4 4 10 10 30 33 33,960 36	66 2 170 75 75 75 75 75 75 362 4 4 21 808 8 18 4 2,209 33 6,528 99 10 48	3 2 1 2 1 1 131 1,810 9	16 1 31 30 12 47 2 18 128 	1 2 2 2 45 548 1	1 2 1 1 1 1 56 	7 61	_	4 37 2
10	35	4 16 75	2 6 93	83 314 620	3 51 294	823 2, 226 2, 788	16 114 504	1, 475 3, 306 3, 198	37 134 457	1, 505 2, 500 2, 445	37 83 268	953 1, 241 1, 256	25 34 102	407 405 378	10 9 18	82 68 26	3 1	11 4	3 5
	2	54 14 152 5	4	11 205 23 47 524 60 3 76 12 1	15 47 9 2 2 1 44	53 369 88 109 768 216 27 372 19	15 51 12 2 1 5 138	31 253 115 86 368 143 34 484 5 8	133	18 144 47 68 162 83 30 281 8 1	20 20 2	4 71 26 39 56 34 11 101 2	3 11 2 27 5	}	1 3	3 3		1	1
11 37 1738 738 877 6	70 12	22 7 4 174 2 1,500 2 3 322 15 3 3 40 585 71	1, 280 1 32 46	90 22 111 29 50 1. 374	1, 502 3, 048 4 3 20 149 10 25 60	773 88 303 1,075 17 4,195 17 404 81 125 17 182 9 1,168 88	66 14 13 1,591 2,727 2 8 7 7 11 137 15 1 45 34 2,986	628 457 6944 199 2, 302 100 4433 611 181 17 1707 1, 066 333 181	14 775 9 1, 186 4 10 6 8 26 12 1	345 14 425 353 17 1,315 10 299 42 15 2 106 13 625 747	30 14 10 3 2 30 14	5 816 12 152 15 11 5 21 11 301 431	6 87 7 126 3 1 1 1 1 4 4	772 83 55 272 14 55 20 2 10 2 118	16 2 17	13	3	3 2	_
24 7 7 18 18 50 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7	71 8 111 75 35 35 1170 4 170 120 120 120 120 120 120 120 120 120 12	155 155 155 155 155 155 155 155 155 155	21 - 57 - 58 - 31 - 159 - 388 - 17 - 17 - 17 - 236 - 66 - 66 - 24 - 21 - 17 736 - 236 - 66 - 66 - 66 - 66 - 66 - 66 - 66 -	40 1 1 9 9 3 3 1 1	175 185 40 327 978 4 525 42 33 272 1,519 988 81 53 16 36 23 8,473 4,194	20	344 202 355 1, 314 8 366 - 44 200 1, 300 1, 300 2 2 3, 37 7 7	5 25 5 25 6 25 7 5 7 7 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1882 - 302 - 303 -	15	288882 22 22 31 55 55 55 55 55 55 55 55 55 55 55 55 55	3	110 32 91 401 16 3360 11 360 11 49 49 15	2	9 10 3	3333333339	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	3	124 34 41 129 120	3 7 7 0 0 14 4  7	17. 14. 16. 455. 218. 87. 87. 87. 87. 87. 87. 87. 87. 87. 8	1	27 19 942 596 174 62 8 662 1,492	i	2 4 2 92 67 16 16 1 62 1,49	6 6 2 8 4 2 1 7	2 2 2 63 39 15	9 8 4 4 1 2 7	1 1 2 32 16 10 3 1 23	1 9 0 1 5 5	12 4 3 1	2	î s	1 1 22 1 4 1 1 10 12 3		1 2 3 1

3 Includes, also, all technical engineers not elsewhere classified.
4 Most of these were returned as "wood carvers."

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

MANUFACTURING AND

[In this table, the occupations of each industry are presented in most cases in five groups: Proprietary, official,

		Total	Male	Female	NATIVE	WHITE	FOREIGE WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	10121	Male	Demaie	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued					:						
	Other not specified manufacturing indus- tries—Continued,											
1234567890 111234567890 1112314567890 1222345	Apprentices: Designers' and draftsmen's apprentices Electricians' apprentices Machinists' apprentices Tinsmiths' and coppersmiths' apprentices. Other apprentices. Chauffeurs and truck and tractor drivers. Draymen and cleaners. Dyers Elevator tenders Elevator tenders Enamelers, lacquerers, and japanners. Filers (metal). Firemen. Furnace men, smelter men, and pourers (metal). Grinders (metal). Guards, watchmen, and doorkeepers Housekeepers and stewards ' Janitors Laborers Oilers of machinery Operatives Painters, glaziers, and varnishers (factory). Policemen. Porters All other occupations.	53 60 300 32 1, 554 230 4, 933 671 252 1, 001 166 541 4, 314 406 6, 939 6, 115 2, 611 113, 668 404 138, 945 3, 197 154 2, 394 51	46 59 359 32 1, 510 60 4, 928 670 1, 056 149 538 4, 314 404 6, 916 101, 608 101, 608 107, 608 107, 608 107, 608 108, 608 109,	44 164 165 1 15 35 17 3 3 96 116 12,000 3 63,988 185 22	44 52 323 27 1, 391 25 3, 706 450 104 537 97 303 2, 021 383 4, 077 13 883 883 54, 317 40, 317 40, 320 2, 025 122 329 329 339	38 04 5 1 8 12 15 2 2 13 40 48 8, 382 2 48, 017 147	2 7 32 2 5 5 6 95 838 504 450 99 9	4 68 7 1 1 1 2 2 2 2 2 1 1 2 2 2 1 1 2 2 2 3 1 2 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	18 8 587 96 12 150 4 21 11 274 2 611 15, 357 15 3, 320 95 1, 600 4	1 41 3 16 1 1 8 34 2, 120 1 4, 319 8 2	6 31 2 1 4 9 1 10 7 1,503 5 425 425 427	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

#### TRANSPORTATION AND

26	Air transportation 2	18, 189	17, 161	1,028	15, 095	977	1,498	45	430	6	138	
27 28 29	Owners, operators, and proprietors Managers and officials Foremen and overseers	1,016	74 1,011 181	5	70 951 153	5	60 24		î		3	
30 31 32 33 34 35	Civil engineers and surveyors. Draftsmen Electrical engineers. Mechanical engineers. Photographers. Other professional pursuits.	52 54 329 32	84 52 54 329 30 8	2 2	75 44 49 290 28 7	1 2	9 8 5 39 2					
36 37 38 39 40	Accountants and auditors	180 25 195 181 39	169 23 190 112 39	11 2 5 69	155 23 184 104 37	9 2 5 66	14 6 7 2	2				
41 42 43 44 45 46 47	Cierks. Commercial travelers. Messenger, errand, and office boys and girls. Office appliance operators Purchasing agents. Salesmen and saleswomen Stenocraphers and typists	1,048 12 35 19 27	749 12 35 8 25 182	299 11 2 1 506	693 11 32 7 24 171 36	286 	52 1 1 1 1 11 4		3			
48 49 50 51 52 53 55 56 57 58 59 60	Other clerical pursuits  A viators Blacksmiths Cabinetmakers Carpenters Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Trinsmiths and sheet-metal workers Toolmakers and die setters and sinkers Other skilled trades	6,097 12 11 168 146 135 617 3,400 27 33	8, 031 12 11 158 140 135 017 3, 405 27 33 48 200	1	5, 644 8 9 130 136 111 500 3, 016 20 37 13	65	360 4 2 26 9 23 107 359 1 4 9	1	9		18 11 1 1 4 19	
62 63 64 65 66 67 68 69 70 71	Apprentices. Chauffeurs and truck and tractor drivers. Firemen Guards, watchmen, and doorkeepers. Housekeepers and stewards! Janitors. Laborers. Operatives. Painters, glaziers, and varnishers (factory). Portors. All other occupations.	225 140 41 240 23 87 1,609 641 35 35	225 140 41 240 18 87 1,602 611 34 35	5 7 30 1	206 125 37 196 18 27 1,045 520 31 4	5 29	14 6 22 33 1 9 200 59 3 1	1 1 1	2 7 2 9 1 49 285 17	6	3	

Includes hostesses and matrons.

2 Sometimes it was impossible, from the enumerators' returns, to distinguish between workers at airports and workers in airplane factories.

#### GAINFUL WORKERS BY INDUSTRY AND OCCUPATION

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued MECHANICAL INDUSTRIES—Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

	7 YEARS LD	18 AN YEAR		20 TO 24 OI		25 TO 34 OL		35 TO 44 OL		45 TO 54		55 TO 64 OL		65 TO 74		75 YI AND C		AC UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
36 48 304 27 050 64 4 6 0 17 2 2 2 2 2 3 6 9 4, 366 8 3, 783 8 3, 783	19 7 1 1 1 1 1,708 8,049 32	6 6 37 425 4 240 23 13 40 7 5 48 11 12 8 7, 176 13 5, 327 128	1 14 0 3 3 3 1 1, 901 1 9, 231 34	4 4 4 16 365 4 1,114 102 22 23 48 196 65 2 87 17,747 94 12,90 458 3 306 6	8 12 2 1 4 4 4 	1 2 20 1, 953 167 66 150 39 100 764 25 141 337 8 200 23, 998 88 18, 803 29 651 19	1 22 3 2 14 3 3 2 2 6 2 2 2, 468 14, 153 30	7 199 970 141 157 400 127 1, 275 30 100 704 432 15, 805 608 29 582 11	3 21 21, 588 1, 588 1, 19, 175	2 100 415 120 30 38 188 22 113 54 1, 141 1 54 1, 552 2 2 007 15, 440 83 10, 537 482 40 375 10	1 32 6 2 1 4 26 33 778 4, 914 8	4 130 82 22 197 9 82 635 5 31 2,350 4 055 8,149 40 5,377 283 32 22 246 3	19 3 1 9 33 10 280 280 12,049 6	1 5 29 26 8 170 6 6 53 23 2 6 6 1,046 2 1,962 90 90 120 2	8 7 7 82 535 1	3 4 2 29 1 1 230 53 305 1 245 6 1	1 12 61	2 	66

#### COMMUNICATION

259	25	846	108	4, 031	375	7, 074	371	3, 840	105	1, 037	34	423	7	121	12	 18	8	26
		5 1		2 91 18		34 458 62	3	25 327 66	2	9 88 29		1 34 11		3 7 5	 i	 		27 28 29
		5		13 11 6 65	i	33 25 28 150 15		27 7 16 83 9	 i	8 2 2 26 1		3 1 2 4		1	 	 1		30 31 32 33 34
		2		21 5	2	5 82 10	7	46 4		1 13 4	2	4		1	 	 		35 36 37 38
3	2 4	6 50	1 8 32	28 34 10 214	19 94	106 44 18 269	28 28 121	36 12 5 117 3	7 36	7 4 50	4 9	4 2 22	2	i 7	 	 1	1	89 40 41 42
19	14	9 3 1 8	1	4 2 3 43 17	2 226	17 68 8	8 2 160	3 1 3 47 4	1 38	1 2 13	7	6 1	i	3	 	 1	i	43 44 45 46 47
ĩ		262	4	1,804	23	2,897 3	32	962 2 3	5	78 4 4	2	1 13 3 1		8 <u>1</u>	 1	 6		48 49 50 51
1		4 2 1 20		25 18 128		33 54 46 239		49 43 46 152		40 13 15 57		15 8 7 18		8 1 2 2	 i	 1 1 4		52 53 54 55 56
1		183 2 2		830 2 1 3	1	1, 514 11 5 20		678 6 11 10		157 3 13 8		31 2 3 1		1 1 1	 	 		57 58 59 60
104		36 14		5 67 41		11 15 42		3 33		3 6		7			 	 		61 62 63 64
3 1 57		1 3 3		1 12 4 6 332	2	13 32 5 16 487	3	13 50 3 22 288	2	10 57 1 17 210	l	61 1 19 102	1	19 1 5 28	 5 3	 1		66 67 68 69
43 1	<u>.</u>	71	2	133 3 6	2	197 13 14 8	1 1	98 8 4 8	12	47 7 5 4	7	17 1 2 9	2	1 2 1	 	 		70 71 72

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY TRANSPORTATION AND

===												
		Total	Male	Female	NATIVE	WHITE	FOREIGI WH	N-BORN ITE	NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	141410	remane	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Construction and maintenance of roads, streets, sewers, and bridges.	464, 823	451, 855	2,968	310, 796	2, 528	67, 621	90	63, 895	848	9, 543	7
2 3 4	Contractors, builders, and proprietors Managers and officials Foremen and overseers	14, 065 5, 787 23, 250	14, 053 5, 784 23, 249	12 3 1	11, 970 5, 436 20, 587	11 3 1	1, 930 342 2, 352	1	180 2 230		23 4 80	
8	Chemists Civil engineers and surveyors Designers Draftsmen	70 14, 691 25 1, 240 68	69 14, 689 25 1, 210 68	1 2 30	65 14, 042 23 1, 135 63	1 2 30	610 2 71 5		20 2			
9 10 11 12 13	Electrical engineers Lawyers Mechanical engineers Mining engineers Other professional pursuits	15 318 27 4	15 318 27 4		15 295 26 2		22 1 2				1	
14 15 16 17	Accountants and auditors	348 134 1, 426 36 3, 373	325 134 985 36 2,846	23 441 527	307 122 932 31 2, 677	23 423 512	18 11 49 5 146	18	1 1	1	3 10	
18 19 20 21 22	Collectors. Commercial travelers. Messenger, errand, and office boys and girls. Office appliance operators.	25 21 52 34 61	25 21 51 18 50	1 16 2	20 18 43 14 55	1 16 1	5 2 6 3 4	1	1 2 1	İ		
22 23 24 25 26 27 28	Collectors Commercial travelers Messenger, errand, and office boys and girls Office appliance operators Purchasing agents Salesmen and saleswomen Shipping clerks Stenographers and typists Other clerical pursuits	36 17 1,159 42 8	36 17 96 42 8	1,063	33 14 88 36 7	1,034	3 3 5 4 1		3 2	1		
29 30	BlacksmithsBoiler makers	1,009 25	1,009 25 857 6,994		771		186 6 320 929		44 100 97		8 7 10	
33 34 35 36 37	Brick and stone masons and tile layers. Carpeters. Crament finishers. Cranemen, derrickmen, hoistmen, etc. Electriclans. Engineers (stationary). Forgemen and hammermen. Machinists Mechanics (not otherwise specified). Millwrights. Menanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Structural iron workers. Tinsmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	1, 712 2, 682 240 3, 624 18	1, 712 2, 682 240 3, 624 18		764 2, 420 218 3, 260		428 219 15 269 6		447 40 5 87		73 3 2 8	
38 39 40 41 42	Machinists Mechanics (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Pumbers and gas and steam fitters.	1,639 3,342 20 751 356	1, 639 3, 342 20 751 356		1, 466 3, 103 18 645 223		145 181 2 95 87				6 9 2 6	
43 44 45 48	Structural fron workers	2, 782 42 12 29	2, 782 42 12 29		2, 304 36 10 24		454 6 2 4		18		<u>-</u>	
47 48	Apprentices: Architects', designers', and draftsmen's apprentices. Other apprentices	22 56	21 56	. 1	21 53	1	1					
49 50 51 52	Other apprentices Chaufeurs and truck and tractor drivers Cooks Draymen and teamsters Firemen	1, 533 6, 822 535	32, 988 802 6, 822 535	731	30, 128 479 5, 009 409	7 396	472 81	23	1, 451 236 1, 200 40 69	308	273 22 141 5	4
55 56 57	Guards and watchmen Inspectors Janitors Laborers, road, street, etc., building and repairing Laborers, street cleaning	1, 511 2, 975 51 290, 354 16, 673	49 290, 308 16, 672	2 46 1	2,727 18 177,374 6,624	2 10	233 13 48, 146 6, 985	3	13 16 56, 254 2, 828	32 1	0 2 2 8, 534 235	1
58 59 60 61	Oilers of machinery Porters Waiters All other occupations	167 27 53 8, 581	167 27 44 8, 534	9 47	148 6 32 6,860	6 43	12 3 1 1, 251	8	18 11 384	2 1	39	1
62	Express companies	62, 239	58, 542	3, 697	49, 031	3,488	6, 432	175	2, 872	82	207	2
63 64 65	Owners, operators, and proprietors Managers and officials Foremen and overseers	323 1,155 1,634	323 1, 155 1, 633	1	220 1, 040 1, 410	1	88 108 213		13 4 8		2 3 2	
66 67	Professional pursuits	24 601	21 555	3 46	19 514	3 45	2 40	1	1			
68 69 70 71	Accountants and auditors	4, 176 462 1, 961 36	4, 102 458 1, 467 36	74 4 494	3, 887 427 1, 375 33	71 3 461	206 30 89 3	2 1 28	5	5	4 1 2	
72 73 74 75	Clerks Collectors Commercial travelers Express messengers Messanger extrad and office have and circle	12, 456 189 17 8, 211	10, 725 182 17 8, 207	1,731 7 4	9, 689 167 16 7, 706	1, 654 7	964 15 1 452	68	38	8	22 	1
76 77 78 79 80	Messenger, errand, and office boys and girls	145 144 29 513 1, 233	144 4 28 504 99	140 140 9	131 4 26 408 95	135 1 8 1,064	2 88 3	5 1 65	9 7 1	1 		1
81 82	Weighers Other elerical pursuits Includes, also, all technical engineers not elsewhere c	43 18	41 17	1, 134   2 1	408 95 29 17	1,004	11	1	1			

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued COMMUNICATION—Continued

10 TO 17 YEARS 18 AN YEARS		ND 19 IS OLD	20 TO 24 YEARS OLD		25 TO 34 YEARS OLD		35 TO 44 YEARS OLD		45 TO 54 YEARS OLD		55 TO 64 YEARS OLD		65 TO 74 YEARS OLD		75 YEARS AND OVER		AGE		
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- mal
7, 518	41	17,708	175	67, 425	876	117, 554	973	98, 939	608	75,990	304	45, 992	72	18, 129	16	2, 240	2	362	8
•••••		12 5 60		307 109 882	1	2, 326 1, 092 5, 052	3	4, 466 1, 715 6, 518	5	3, 948 1, 540 5, 746	3	2, 217 966 3, 615	1 2 1	697 330 1, 246		74 25 118		6 2 12	
		1		16 2,645 3	1	5, 741 18	1	3, 600 3	1	5 1,824		642		183		27		18	
		50	3	364 6 3	10	18 510 27	11	162 18	5	92	1	26 6		5 4		1			
				29 1		113 13		97 6		43 5		27 2		9					
		4		20	2	109	10	98	7	57	3	3 27	1	 9		1			
6	<b></b> 4	34 1	21	7 186	104	109 30 334	160	30 194	95	57 43 135	46	15 57	11	3 33		1 6		1	
44	7	135	35	683	144	886 6	166	12 481 7	104	317 8	55	199 2	10	90 2	4	9	i	2	1
14		13	i	1 9 6	1 11	5	3	7	1	6		3 2		<u>-</u>					
i	 			2		$\begin{bmatrix} 2\\22\\7 \end{bmatrix}$	2	15 11		13 10		6 3		1 4					
2	13	1 12 1	83	2 34 6	438	28 9	363	6 12 10	116	1 4 6	40	3 3	ō	1	<u>2</u>	i	1		<u>ī</u>
				1		2		2		2		í							
		5 13		29 1 62		111 9 185		255 7		343 5 186		184 2		74 1 61		7 <u>1</u> 0		1	
24		98 35		699 159		1,807 438		205 1,776 548		1, 593 376 323		134 790 124 82		189 31		14		4	
4		37 4 50		350 50 426		1, 132   75 1, 121		736 60 953		323 36 636		82 14 299		18 1 115		16		2	
		$\frac{1}{22}$		179 366		566		5 476		2 268	*******	1 102		24					
5		39 38		366 143		1,438   . 7   . 207   .		992   5   157		367 5 125		110 1 58		26 2 18		3 		1 	
		4 37		28 359		90   971		117 779		76 447		32 163		7 34		2 2			
		1		<del>7</del>		16 . 3 . 4 .		10   2   8		5 3 8		4 4 5							
,								°		°									
39	1	4 6		5 7		11				1									
531 6 224	8	1,830 20	1 23	8, 815 73	4 148	13, 035 171	228 228	5, 795 160	1 150	2, 233 206	136	616 127	31	114 33	9	5 6		14	
1 -		1,830 20 357 13 17 52		8, 815 73 1, 010 78 68 375		3 13, 035 171 1, 437 146 167 671		1, 297 133 239 558		1, 204 95 311		904   52   401		353 14 263		34 3 40		2	
459	4	52 14, 409		375   5   47, 119		671   4   72, 055		9	1 10	311 581 14 47, 744	1 6	511 12 29, 486	2	263 202 4		24		1 1 265	
60		92		780 47		3, 214	11	59, 963 4, 297 35	10	3, 331 1 <u>3</u>	0	2,718		1,750		1, 297 410		205	
78	3	2 176		9	4 3	2, 007	12	5 10 1,849	1 8	4	1 12	4 6	7	3					i
467	83	1, 894	274	846 6, 365	794	19, 704	1, 519	15, 660	687	1, 613 9, 187	261	1, 205   4, 556	65	651 1, 104	1 8	103	3	6 37	8
		2 1		8 32 39	- 102	85 - 221 - 384		98 324		76 302		40 216		14 54		2 3			
		1		39   5	1	384	i	557 . 5	1	418	1	198		33 1		3	- <b></b> -		
		3 14	3	19 167	9	95 1, 007	18 21	166 1,399	10 23	154 948	4 13	102 471	2 5	15 87		1		<u>-</u> -	
$\tilde{2}$	5	20	34	12 115.	118	111 534	181	145 470	97	105 202	2 49	64 97		15 87 20 24		i 1		2	<u>i</u> -
99	42	247	116	1, 225 13	297	3, 864 40	704	2, 730 45	386	1, 547 39	140	792 24	37	$209 \\ 12$	6	7	3	5	
		212		457		2, 201	1	2,554	2	3 1,719	<u>î</u> -	851	ī	199		9		5	
30	3	12	8.	11	43	28 [	73  -	24	·13	22		13		4					
7	1 31	11 12	105	69 41	314	178 32	498	118  - 11  -	141	77	. 38	36	6	8					1
	i	11		2 69 41 6	i	8 178 32 13 3	<u>2</u> -	8 118 11 9 5	1	3 77 6 6		36 2 2 2	6	1 8 1					

<sup>&</sup>lt;sup>2</sup> Includes, also, chemical and metallurgical engineers.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY TRANSPORTATION AND

		: .			NATIVE WHITE		FOREIGN-BORN WHITE		NEGRO		OTHER RACES	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Express companies—Continued. Blacksmiths	66	66		26		38		1		1	
2 3 4 5 6 7 8 9	Carpenters Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Painters, glaziers, and varnishers (building) Tinsmiths and sheet metal workers Other skilled trades.	90 40 22 49 339 19 13 21	90 40 22 49 339 19 13 21		4, 410 757 19 113 36		5 7 51 8 7 1, 296 703 8		13			
10 11 12 13 14 15 16 17 18 19	Chauffeurs and truck and tractor drivers Draymen and teamsters Elevator tonders Guards, watchmen, and doorkeepers Inspectors Janitors Laborers Operatives (not otherwise specified) Painters, glaziers, and varnishers (factory) Polters Porters	13, 845 4, 895 34 374 229 105 7, 086 1, 061 24 141 393	4,895   44   33   49   229   5   94   66   7,085   11   035   14   24   14   141   18   393	1 1 1 11 26		2 1 1 2 24 1		1	751 470 1 8 1 47 1,096 50		76 19 57 3	
21	All other occupations.  Garages, greasing stations, and automobile laundries.	23 423, 843	409,781	14, 082	13 326, 512	18, 385	5 35, 529	457	44, 274	192	3,466	28
23 24 25	Owners, operators, and proprietors Managers and officials Foremen and overseers	50, 718 19, 247 6, 652	50, 383 19, 160 6, 650	335 87 2	43, 580 16, 974 5, 719	296 84 1	6, 178 1, 914 674	34 2	420 221 244	4 1 1	205 51 13	1
26 27 28	Electrical engineers	27 78 19	27 78 19		22 67 15		5 10 2		1 1			
29 30 31 32 33 34 35 36 37 38 40 41 42	Accountants and auditors Advertising agents Agents (not elsewhere clasified) Bookkeepers and cashiers. Canvassers Clerks Collectors Credit men. Messenger, errand, and office boys and girls. Purchasing agents. Salesmen and saleswomen Shipping clerks. Stenographers and typists. Other clerical pursuits.	486 14 46 15, 448 19 5, 449 155 31 176 39 7, 998 34 2, 947	431 10 46 6, 150 17 4, 473 135 30 143 38 7, 915 33 102	9, 292 2 976 20 1 33 1 83 1 2, 845	390 7 42 5, 892 16 4, 104 124 23 130 37 7, 443 99	8, 981 2909 19 1 29 77 1 2, 776	39 1 4 240 2 233 9 2 6 1 327 4 3	277 57 2 1 3	1 10 63 1 6 102 1	22 8 1 2	14 13 13 1 1 38	1 1 1
43 44 45 46 47	Blacksmiths Carpenters Electricians Engineers (stationary) Forgemen and hammerman (includes some wald.	521 238 1, 541 101 84	521 238 1,541 101 84		363 172 1,410 78 71		139 60 108 19 12		7		16	
48 49 50 51 52 53 54 55	ers). Machinists	22, 971 196, 339 13 111 38 148 32 289	22, 971 196, 327 13 111 38 148 32 287	12 	19, 892 166, 618 11 79 33 112 23 243 243	6 	1,775 15,358 1 18 4 35 9	2	1, 145 12, 598 1 12 12 1 1	2	2	2
57 58 59 60 61 62	Apprentices. Charwomen and cleaners. Chauffeurs and truck and tractor drivers. Draymen and teamsters Elevator tenders. Filers (metal)	4, 342 41 5, 405 47 105 31	4, 339 19 5, 450 47 101	3 22 15	3, 887 8 3, 687 38 63 27	5 12	168 6 520 5 23	3	186 5 1, 214 4 15	2 14 3	98	1
63 64 65 66 67 68 69 70	Firemon.  Guards, watchmen, and doorkeepers.  Janitors.  Laborers.  Oilers of machinery.  Operatives.  Painters, glaziers, and varnishers (factory).  Porters.  All other occupations.	109 3, 488 1, 349 66, 693 148 5, 800	3, 488 1, 332 66, 536 5, 736 1, 632 2, 465	17 157 64 4 1	64 2,329 495 36,204 106 4,372 1,189 87 37	7 45 51 4	22 721 211 5,742 12 544 233 75	1 8 3	23 423 595 23, 750 30 746 129 2, 289	9 104 9	15 31 840 74 81 14	1
72	Livery stables	9, 842	9, 588	54	5, 413	48	2, 302	2	1, 832	4	41.	
73 74 75	Owners, operators, and proprietors	1, 088 448 457	1, 073 446 457	15 2	792 334 302	14 2	268 102 102	1	13 10 52		<u>1</u>	
76 77 78 79 80	Bookkeepers and cashlors  Clerks Salesmen and saleswomen Stenographers and typists Other clerical pursuits  Most of these were returned simply as "painters" for	68 39 57 12	50 30 57 3	18 9 9	47 30 54 2 6	17 8 7	2	1	1 1	1 2	1	

<sup>1</sup> Most of these were returned simply as "painters" for express companies.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

COMMUNICATION—Continued

10 TO 1'	7 YEARS LD	18 AI YEAR	ID 19 S OLD	20 TO 24	YEARS	25 TO 34 OL	YEARS D	35 TO 44	YEARS LD	45 TO 54	YEARS	55 TO 64 OL:	YEARS D	05 TO 74	YEARS D	75 YE	ARS OVER	UNKN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
1		4 1		2 2 4 1 2 39		7 20 15 4 19 140 5 5		27 31 15 9 14 102 5 3		22 15 4 3 7 37 4 4 3		7 15 2 3 6 14 2		1 7 2 1 3 1					
193 14 4 3	1	392 89 1 2 1 332 24 1	1	2, 346 537 2 13 16 4 1, 048 83 2 4 27 8	1 3	6, 213 1, 657 4 67 59 13 2, 185 209 5 29 117 6	1 4 1 10	3, 258 1, 272 62 73 18 1, 634 288 9 34 109 3	2 5	1, 110 797 6 102 54 24 1, 017 203 4 41 81	1 3	360 375 5 95 19 25 531 102 2 29 42	3	63 128 10 31 6 8 127 19		6 14 2 1 11 1 1		7 2	
9, 923	331	19, 427	1, 574	71, 841	4, 522	156, 769	4, 493	96, 922	2, 110	37, 334	772	13, 801	208	3, 954	38	468	6	342	13
1 1 48 116 5 71 90 2 2 11 1 3	176 48 2 1 87	83 123 50 77 2 305 2 378 9 25 333 11 18 1 2 35 2 305 9 6 6 3	2 1 868 2 109 1 2 6 545 1	1, 584 1, 300 538 5 17 4 4 22 1, 197 24 4 17 197 24 4 17 197 24 22 202 7 7 13 4, 156 38, 409 28 8 8 15 1 14 43	11 3 14 1 2,836 276 2 14 11 1,287	15, 776 6, 894 2, 884 8 8 161 2 17 2, 228 17 1, 571 2, 298 2, 980 9 9 27 4 4 673 24 673 24 673 24 673 24 673 24 673 24 673 24 673 24 673 24 673 24 673 24 673 24 673 25 673 26 673 274 275 275 275 275 275 275 275 275 275 275	19 2 3, 211 283 6 1 1 10 1 27 743 4 4	18, 685 6, 357 2, 113 7 24 3 126 606 32 22 4 11 1, 014 6 606 63 22 2 4 11 1, 894 11 3 3 14 17 7 7 9 1, 894 11 11 11 11 11 11 11 11 11 11 11 11 11	108 32 2 15 1,660 173 6 3 21 149 3	0, 285 2, 940 7386 4 11 3 68 3 11 504 351 2 789 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 510 61 5 28	3, 770 1, 185 255 1 4 16 327 180 133 1 1 1 2 2 1 1 90 39 31 185 317 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 2 105 20 1 2 2 5 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1	1,020 305 05 05 1 10 112 66 5 5 1 89 44 18 2 2 8 2 145 534 1	11 2 16 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	116 20 8 1 15 16 10 3 2	1	466 211 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10
3, 934 1 118 2 47 4, 864 7 4, 966 34 50 2 2	7 8	2 241 1 426 7 11 4 107 45 6,569 17 556 87 90	2 3 3 1 1 22 5	3 137 5 1, 461 11 16 8 8 8 271 138 16, 254 345 520 6 789	2 5 1 2 37 14 1	11 25 4 2,089 2,089 14 17 15 24 581 1,113 48 1,750 1,068 16 1,423	7 3 1 5 52 17 1 1 3 12 2	5 2 4 4 981 17 7 8 24 540 248 10, 248 320 498 10 1, 779 214	5 20 3 1 3	8 1 326 9 15 23 655 231 4,590 7 7 410 189 168 10 2,158	2 3 3 1 1 15 11 15 11 10 4 4	1 76 2 14 18 725 197 1, 992 6 164 46 5 1, 807 254	2 1 1 4 6 1	2 14 1, 7 6 490 135 746 1 1 55 24 19	2 2 2	1 2 2 38 25 90 8 8 4		8 3 1 70 6 2 2	
î .	1	3	1 1	10 12 6 7 4 4	1 2	77 59 57 11 6 10	5 8	214 88 76 7 7 7 14 1	5 1	294 111 125 7 4 12 1	4 1	204 104 117 8 4 15	1 1	58 63 6 4 2		13 12			

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRANSPORTATION AND

		[In this tab			NATIVE		FOREIGI WHI	N-BORN	NEG	-	OTHER	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Livery stables—Continued.	190	120		ro ro		ro.		14		1	
2	BlacksmithsCarpenters	132 2	132 2		58 2		59 					
3 4 5 6 7 8	Chauffeurs and truck and tractor drivers Draymen, teamsters, and carriage drivers Guards and watchmen Hostlers and stable hands Janitors All other occupations	26 348 187 <b>6,</b> 654 34 21 63	26 348 187 0, 654 34 21 02	1			1 33 64 1,639 6 11 13		7 89 25 1,590 10 10	1	1 1 34 1	
10	Pipe lines	25, 001	24, 818	183	22, 262	179	901	1	1, 121	1	584	2
11 12 13 14	Builders and building contractorsOwners, operators, and proprietors Managers and officialsForemen and overseers	158 13 621 1, 801	158 13 620 1,300	1 1	145 12 602 1, 237	1 1	12 1 17 48		1		1	
15 16 17	Civil engineers and surveyors Draftsmen Electrical engineers	159 27 24	159 27 24	4	155 26 24		4 1					
18 19	Mechanical engineersOther professional pursuits	34 8	34 8		32 7		$\frac{2}{1}$					
20 21 22 23 24 25 26	Accountants and auditors Agents (not elsewhere classified) Bookkeepers and cashiers Clerks Messenger, errand, and office boys and girls Office appliance operators	118 59 171 671 10	117 58 148 629 10	1 23 42	114 57 146 614 10	1 1 22 41	3 1 2 12	1	2		i	1
26 27 28 29	Purchasing agents. Salesmen and saleswomen. Stenographers and typists. Other clerical pursuits.	19 17 113 7	19 17 22 7	91	17 14 20 7	91	1 8 1		1			
30 31 32 33 34 35 36 37	Blacksmiths Boiler makers Carpenters Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary)	38 34 69 17 79 1,818	38 34 69 17 79 1,818		31 29 67 14 70 1,759		6 4 2 3 3 53		1			
36 37 38 39 40	Machinists	279 275 25 504 24	279 275 25 504 24		261 259 22 454 24		16 13 2 22		2 1 20		2	
41 42 43 44 45 46	Chauffeurs and truck and tractor drivers	488 70 267 76 683	488 70 267 76 683 13,700		472 60 251 70 659 11, 668	2	15 6 24 529		6 10 1			
47 48 49 50	Ollers of machinery Operatives Painters, glaziers, and varnishers (except building). All other occupations	13, 704 315 2, 636 31 27	315 2, 627 31 26	9	2, 496 26 18	9	70 2 5		1,029 2 39 1 2	1	22 2 1	
51	Postal service	283, 986	254, 430	29, 497	228, 222	28, 107	13, 460	785	17, 084	585	673	70
52 53 54	Managers and officials Foremen and overseers Postmasters	2, 847 1, 664 34, 421	2,830 1,658 20,818	17 6 13, 603	2, 641 1, 515 19, 867	16 6 13, 174	183 123 869	350	6 19 36	42	1 46	37
55 56	DraftsmenOther professional pursuits	$\begin{array}{c} 12 \\ 34 \end{array}$	11 27	7	· 10 25	7	1		i			
57 58 59 60 61 62 63	Accountants and auditors	127 51 705 92, 585 121, 333 806	116 45 592 79, 251 120, 204 850	11 6 173 13, 334 1, 129	108 42 555 67, 489 108, 068 701	11 6 168 12,799 1,073	7 2 32 4,844 5,629 33	5 270 30 2	1 1 4 6,612 6,293 112	240 19	1 306 214 4	25 7
64 65 60 67 68	Mali carriers Messenger, errand, and office boys and girls Office appliance operators Railway mail clerks. Shipping clerks. Stenographers and typists Weighers Other clerical pursuits	25 17, 397 20 641 14 23	7 17, 393 19 105 14 20	18 4 1 536	7 16, 134 14 102 11 13	15 3 1 519	565 3 2 2 2 3	12	687 2 1 4	5	7	
69 70 71 72 73 74 75	Carponters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Other skilled trades.	32 30 36 122 109 529 34	32 29 36 122 109 529	1	18 23 30 99 90 434 20	1	12 3 5 20 14 55 9		2 3 1 3 5 39 5		1	
76 77 78 79 80 81	Charwomen and cleaners. Chaufleurs and truck and tractor drivers. Draymen, teamsters, and carriage drivers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers	347 1, 183 75 142 265 351	31 1, 180 75 134 265 351	316 3 8	12 875 64 62 179 280	138 3 5	7 64 1 14 35 74	31	11 236 10 58 49 46	146	1 5 2 1	1

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

COMMUNICATION—Continued

	7 YEARS LD	18 AN YEAR	ND 19 S OLD	20 TO 24 OI	YEARS	25 TO 34 OL:	YEARS D	85 TO 44 OI	YEARS D	45 TO 54 OI		55 TO 64 OL		65 TO 74 OL	YEARS D	75 YE AND C	ARS OVER	AG UNKN	e own
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
••••				4		18		29 2		39		30		11		1 (			
		2		6	/	8		6		1		2		1					
9 240		10 1 268		27 699		74 4 1,080		77 13 1,226		77 50 1,394		41 72		30 37 497		3 10 94		12	
240		200		3		1,000		1, 220		1, 3,74		1, 144 3 3		7		1			
1		5		6	i	8		. 7		19		9		6		1			
269	4	913	14	4, 527	62	8,008	65	5, 918	23	3, 493	12	1, 400	8	254		17		19	
				5		30 3		57 4		41 4		20 2		3		1		1	
		<u>2</u> -		12 67		119 401		217 430		161 292	1 1	95 85		15 12		<u>ž</u> -		1	
				35		64		32 7		22		6							
		) 		4		15 12 10		5 13		$\frac{2}{2}$		1							
				2		10		3		2									
				6 2		38 14		47 21		16 17	1 1	10 4							
1 3	2 2	4 29	2 5	2 24 110	12 10	48 252	3 10	45 131	2 11	17 20 72	1 2	5 27	1 2	1 3				2	
6		2		1 2	4			<u>ī</u>	1	1									
				1		9 4		5 5		2 2		1 1		1			,		
1		1	7	9	33	7	41	3 2	7	3	3	1 							
				2		3		11		13		7		2					
				4		10 11		13 22 7		12		2 18		2					
	 			6		23		37		10 336		2 131		1 26					
		2		110 34		575 80		628 76 67		55 47		29 11		3					
		3		47 6		100 12		2 144		3 72		22							
		16		82 3		164 .8		4		8		1							
2		13 1		114 11		222 21		$\frac{112}{23}$		22 8		3 4	}- <b>-</b>	2					
2		3		20		81 15		112 23 78 11		60 15		24 10		1 6					
228		2 8 735		62 3, 150	1	215 4,808	3	200 2,740		$\frac{124}{1,684}$		58 700		10 131		11		13	
18		4 75		49 515	<u>2</u> -	125 986	4	96 598	2	$\begin{array}{c} 34 \\ 311 \end{array}$		97		24		·····ž		i	
<u>5</u>		2 2		$\frac{7}{2}$		11 3		$\frac{4}{2}$		8	<u>i</u>	3 2		2 4					
1,325	264	2, 816	937	18, 263	3, 336	69, 570	7, 567	72, 523	7, 649	51, 278	5,954	29, 944	2, 955	7,498	782	1,078	76	144	27
	202	1		8		135 119 2, 682		653 515	4 2	1, 130 610	7	750 351	4 2	148 55	2	4		$\frac{1}{2}$	
		43	175	383	911	' . I	2, 836	5, 129	3, 837	5, 310	3, 357	4,779	1, 876	2, 151	539	324	63	17	9
				$\frac{1}{2}$		7		7 9	4	3	3	5		ì					
		1		. 7	1	30 11	2 3	34 16	4	25	3 1	13 9	1	5 2		1			
294	237	3 1, 041	10 668	20 8,794 7,456	31 2, 163 78 3 2	26, 879	45	169 22, 533	37 3, 123	195 13,006	2,062	117	1 10 851	21 977	138	65	8	46 50	1 15
773 195	17	1, 298 159	36	7, 456 158	78 3	32, 649 106	4, 069 283 2 10	35, 065 58	3, 123 336 5	24, 157 48	2, 062 238 5	5, 616 14, 780 46	112	3, 428 61	26	589 19	3	50	
		127	3	640	2 1	4, 248	10	5, 368	5 2 1	4, 581	1	2, 213	1	246		11		ğ-	
<sub>1</sub>	3	1 3	36	$\frac{4}{22}$	112	3 49	225	5 22	1 117	3 6	34	3 2	6	 	ī	 			2
1			1	1 2		2 7		6		2 2	2	3							
						6		9		9		8				<del>-</del>			
				2 3		10		9 12 31		8 11 39		4	1						
		3		5 15		15 38		31,		. 18		25 4 32		<del>'</del> ,-					
		4	 	34 1		193 7		180 12		81 8		5		ì					}
;	. 1				12	525	41	11 814	95 2	8	117	27	46	3 11	4	3		i	
14		33 3 2	1	179 7 8	<u>-</u> 2	525 19 31	4	18 29 73 83		73 9 82	1	7 22	1	11 10		i			
		1		3		36 38		73		85 86	ļ	55 87		11 41		1 5		-}	

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRANSPORTATION AND

		In this tal	ole, the occu	pations of	each indus	try are pr	esented in	n most ca	ises in five	groups: P	roprietary	, official
		Total	Male	Mamala	NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Maie	Female	Male	Female	Male	F <sub>0</sub> - male	Male	Female	Male	Fe- male
	Postal service—Continued.											
1 2 3 4 5 6	Inspectors Janitors Laborers Operatives Porters All other occupations	655 2, 767 3, 528 404 380 32	053 2, 557 8, 511 433 380 18	210 17 61	025 1, 203 1, 590 287 64 15	2 80 9 45	27 312 423 40 44 2	30	1, 031 1, 445 90 269	100 7 14	11 53 10 8	
7	Radio broadcasting and transmitting	8, 964	8, 094	870	7, 281	828	732	41	60		21	1
8	Announcers, directors, managers, and officials Foremen and overseers	1, 819 18	1, 639 18	180	1, 534 14	177	90 4	3	4		2	
10 11	Electrical engineersOther professional pursuits	543 19	543 18	ī	512 18	ī	31					
12 13 14 15 16 17 18 19 20	Accountants and auditors	21 91 102 60 333 23 50 308 23	18 79 93 13 112 23 48 7	3 12 9 47 221 2 301 5	15 77 88 12 103 23 43 3 18	3 12 7 41 214 22 284 5	3 2 5 1 8	2 6 7	1 2 1			
21 22 23 24 25	Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Other skilled trades	120 41 30 101 12	120 41 30 101 12		115 38 21 89 9		4 3 9 10 3		1 2			
26 27 28 29 30 31	Housekeepers and stewards¹	28 28 72 92 4, 955 75	2 27 72 79 4,909 72	26 1 13 46 3	2 13 39 70 4,375	24 1 11 43 3	5 14 4 510 12	2 2 3	9 19 4 8 9		1 16 1	
32	Steam railroads 2	1, 583, 067	1, 528, 073	54, 994	1, 118, 283	49, 857	193, 179	3,079	160, 796	1, 834	55, 815	224
33 34 35 36	Builders and building contractors	678 73, 332 34, 380 73, 910	678 73, 332 34, 359 73, 860	21 50	556 08, 419 32, 156 58, 957	19 32	4, 839 2, 173 13, 006	2 10	4 35 15 823	8	1 39 15 1, 074	
87 38 39 40 41 42 43 44 45 46	Chemical engineers <sup>a</sup> . Chemists. Civil engineers and surveyors. Designers. Draftsmen. Electrical engineers. Lawyers. Mechanical engineers <sup>4</sup> . Photographers. Social and welfare workers. Trained nurses.	30 275 8, 156 34 2, 526 1, 378 1, 107 867 55 21	30 272 8, 153 33 2, 498 1, 378 1, 098 55 14 2	3 3 1 28 9 1	27 249 7, 645 29 2, 227 1, 254 1, 007 759 46 11	3 3 26 9 1	20 407 3 264 121 28 102 8	1 2	3 4 3 1 1	1	7 1 7 2 4 1 1	
48 49 50 51 52 53 54 55 50	Accountants and auditors Advertising agents Agents (not elsewhere classified) Baggagemen Bookkeepers and cashiers Clerks Collectors Credit men	13, 484 133 18, 912 9, 097 11, 869 169, 270 680 15 6, 901	12, 635 127 18, 516 9, 097 9, 170 148, 296 649 13 6, 887	2, 699 20, 974 31 2	11, 817 122 17, 420 7, 579 8, 636 137, 554 601 10 6, 511	822 5 370 2, 553 20, 236 22 2 14 69	803 1,037 1,053 501 9,553 47 367	27 1 25 141 708 9	32 427 8 937 1	1 3 24	27 88 25 252 3 27	2 6
58 59 60 61 62 63 64 65	Messenger, errand, and office boys and girls Office appliance operators. Sales agents Sales agents Salesmen and saleswomen Shipping clerks. Stenographers and typists Ticket and station agents Weighers. Other clerical pursuits.	4, 988 2, 798 16 526 1, 981 24, 341 25, 374 573 213	4, 914 161 15 500 1, 950 4, 796 24, 148 570 210	74 2, 637 1 26 31 19, 545 1, 226 3	4, 446 144 13 445 1, 568 4, 597 22, 933 512 203	2, 553 1 24 26 18, 847 1, 130	136 10 1 43 310 178 1, 183 45 7	80 1 3 681 96	7 65 10 18 13	1 2 3	1 5 7 11 19	14
66 67 68 69 70 71 72 73 74 75 76	Blacksmiths Boilermakers Brick and stone masons and tile layers Cabinetmakers Carpenters Cement finishers Compositors, linotypers, and typesetters Coppers Coppers Coppersmiths Cranemen, derickmen, hoistmen, etc Electricians Engineers (stationary) *	5, 563 9, 000 677 434 29, 642 20 175 279 434 2, 635 11, 142 5, 319	5, 563 9, 060 677 434 29, 642 20 103 279 434 2, 635 11, 142 5, 319	12	3, 655 6, 964 441 222 22, 133 10 137 133 398 2, 177 9, 957 4, 443	12	1, 671 1, 755 211 208 6, 955 5 26 114 132 384 1, 107 646		180 231 21 3 397 4 31 31 3 57 63 193		57 120 4 1 157 1 1 1 17 15 15 87	

<sup>1</sup> Includes hostesses and matrons.
2 Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in car and railroad shops and workers on steam and street railroads.
3 Included, in other occupation tables, in the group "Mining engineers."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

COMMUNICATION-Continued

	7 YEARS LD	18 Al YEAR	ND 19 S OLD	20 TO 24	YEARS D	25 TO 34 OL	YEARS D	35 TO 44			YEARS	55 TO 64 OL		65 TO 74	YEARS LD	75 YI AND	EARS OVER	UNE	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
17 19 9 1	1	1 17 56 12 5	1 1 5	5 66 341 43 34 4	10 4 4 4	46 345 1,040 122 86 4	2 24 4 13	262 625 1,014 106 107	53 4 18	200 744 600 83 82 4	77 3 6	105 534 300 43 41	35 1 5	30 170 66 14 22	8	2 36 11 1 2	2	2 3 4	
117	22	416	98	2, 592	329	3, 379	267	1, 135	112	320	80	94	9	25	2	в	1	10	
		36 1		368 2	36	672 7	72	391 6	55	129 1	13	32	4	8 1		1		2	
				150 6		303 4		72 6	<u>-</u>	15 2		, 2						1	
1 11 34 1	1 1 5 1 9	1 1 15 4 11 1	10 27 49 1	1 6 11 4 34 4 2 3	3 2 17 102 143 2	7 36 35 5 20 10	3 6 1 12 62	5 18 33 1 13 2 1	2 4 4 22	3 17 10 2 6 2	1 1 2 2	1 1 2 5 1	1 1	1		1			
1		8 2 1 6		41 12 7 37		49 20 10 42 3		14 3 8 12 3		7 4 4 3 2		2						1 1	
3 5 57 4	2 2	1 7 10 302 7	2 8 1	1 19 19 1,842 17	8 15	6 17 21 2, 087 13	11 5 13	1 7 17 15 491 9	1 2 4 2	4 4 3 89 12	2 1 2 2	5 2 3 31 6	2	2 2 2 6 2	1  1	1 1 1	1	1 3 1	
10, 418	728	32,722	2,786	152, 021	11, 645	380, 731	21, 418	420,017	11, 433	8 <b>14</b> , 109	4, 901	164, 381	1, 677	48, 787	312	3, 516	41	1, 371	63
		38 83		14 630 444 1,852		70 7, 837 4, 382 12, 274	5 10	23,645 11,000 22,029	6 15	24, 642 10, 361 20, 675	7 13	136 13, 183 6, 355 13, 248	3	3, 192 1, 625 3, 521	i	119 106 127		46 26 51	
1		72	i	1 33 1,083 3 448 98 23 34 4 1	1	10 103 2, 020 987 303 283 212 16 4	3 1 1 13 2 2	4 69 2,211 10 612 438 320 271 17 1	1 9 6 1 2 22	12 50 1,542 7 265 388 267 234 11	3 1 2 11	3 12 535 3 78 126 136 93 2	1 2 5	4 141 1 30 25 57 21 1		17 4 10 1		2	1
1 17 42 1, 646	20 293	89 4 74 116 206 5, 689	18 1 99 1,083	785 4 512 589 1, 252 24, 652	123 3 29 454 3,893 4	3, 480 30 3, 649 1, 745 3, 120 50, 089 222	325 2 91 1,056 8,368 5	3, 980 31 5, 773 2, 231 2, 351 32, 794 151	251 1 117 669 4,697	2, 043 31 4, 628 2, 274 1, 246 19, 557	92 105 304 1,994	1, 276 19 2, 903 1, 579 695 10, 443 74	32 	348 5 870 530 237 3, 107	4 8 7 86	30 77 24 16 244 2	1 1 2 3	4 13 9 5 75	3 5 25
1,459	17 36	28 1, 382 20	19 224	183 1,034 62	1 2 20 890	1, 529 379 38	2 11 1,170	2, 110 241 21	1 5 4 295	92 2 1, 618 203 9	3 2 19	1,067 146 7	2 1 2	327 62 3		1 19 7		6 1	i
3 6 83	219	9 77 395 125 7 4	1, 113 22	58 320 1, 932 1, 027 47 12	3 5 5,430 116	154 543 1,655 5,057 157	1 7 10 8, 654 266 2	8 152 415 520 7,524 131 65	7 6 3, 142 363	78 309 161 5,711 104 30	2 5 792 260 1 1	1 31 205 36 3, 526 77 11	1 164 164	1 13 63 10 1,072 42 5	18 32	2 5 1 92 4	1 2	1 3 14	12 1
32 5 1		16 57 9 3 273 9 3		215 533 74 19 2,001 2 35 7 29 222	3	887 2, 217 126 49 5, 751 5 40 31 130 856	3	1, 478 3, 032 137 93 7, 877 7 30 55 142 839	2	1, 515 2, 134 167 101 7, 630 3 19 73 77 472		1, 061 880 130 92 4, 524 1 15 76 50	4	366 196 31 69 1,442 1 6 30 4 28 93		22 9 3 8 100 1 3 3 2 1		12 12 1 2 5 3	

<sup>4</sup> Includes, also, all technical engineers not elsewhere classified.

5 Sometimes it was impossible, from the enumerators' returns, to distinguish between locomotive engineers and stationary engineers, and between locomotive firemen and firemen of stationary boilers.

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### TRANSPORTATION AND

					NATIVE	WHITE	FOREIGI WH	N-BORN ITE	NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male .	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Steam railroads—Continued.			-								
1 2 3 4 5	Forgemen and hammermen Locomotive engineers 1 Locomotive firemen 1 Machinists Mechanics (not otherwise specified)	225 101, 201 67, 096 39, 250 12, 482	225 101, 201 67, 096 39, 249 12, 482	1	179 92,732 58,196 32,608 10,214	1	39 8, 314 4, 157 5, 766 1, 708		4, 642 600 375		1 41 101 275 185	
6 7 8 9	Millwrights.  Molders, founders, and easters (metal): Brass molders, founders, and easters. Iron molders, founders, and easters. Other molders, founders, and easters. Painters, glaziers, and varnishers (building). Pattern and model makors. Plumbers and gas and steam fitters.		165 22 221 13 486		118 15 162 8 381		46 6 52 3 80		1 5 2 17		1 2	
11 12 13 14 15	Pattern and model makors. Plumbers and gas and steam fitters. Sawyers Structural iron workers (building). Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers.	167 6,701 29 511 2,127	167 6, 701 29 511 2, 127		136 5, 674 25 376 1, 732		31 921 3 97 872		78 1 34 13		28 	
16 17 18	Other skilled trades Apprentices;	29	150 389 29	7	105 269 21	3	42 106 7	2	8 13 1	2	î	
19 20 21 22 23 24 25 26	Designers' and droftsmen's apprentices.  Blacksmiths' apprentices.  Boiler makers' apprentices.  Carpenters' apprentices.  Electricians' apprentices.  Machinists' apprentices.	26 134 86 114 786	29 26 134 86 114 786		29 23 118 77 109 749		3 10 4 4 4 30		1 1 1 4			
27 28 29 30	Plumbers' apprentices Tinsmiths' and coppersmiths' apprentices Other apprentices Boiler washers and engine hostlers. Brakemen Buffers and polishers (metal) Charwomen and cleaners	1,358 18,300 88 197	53 26 1, 358 18, 300 88, 197 20	1	51 25 1, 284 10, 960 80, 187 12		2 1 43 2, 880 4, 571 8 48	1	15 3, 813 3, 847		92	
31 32 33 34 35 36	CooksDraymen and teamsters	3,470 9,014 729	166 3, 470 8, 287 720 356 34	391 727 37	49 2, 708 2, 289 518 169 29	151 425 19	332 612 75 104	161 33 4	63 365 5, 151 125 82	75 246 14	6 65 235 11 1	23
37 38 39 40 41 42	Filers (metal) Firemen (except locomotive) Grinders (metal) Guards, watchmen, and doorkeepers Heaters Housekeepers and stewards Inspectors	1,734 20 2,366 36 1,995	1, 734 20 2, 366 36 1, 610	385	1, 158 16 1, 753 26 1, 139	247	283 4 465 5 285	62	265 128 5 178	74	28 20 8	2
43 44 45 46 47	Laborers. Motormen. Painters, glaziers, and varnishers (factory)	435, 058 2, 754	39, 066 3, 742 431, 947 2, 754 6, 969 3, 360	13 431 3, 111 	32, 21 <i>f</i> 1, 207 203, 196 1, 711 5, 459 2, 986	218 1,076	6, 546 887 81, 350 1, 022 1, 258 367	746	172 1, 519 96, 865 21 180	99 1, 127 2	133 129 50, 536	162
48 40 50 51 52	Porters Switchmen and flagmen Waiters Yardmen All other occupations	97 049 1	27, 647 91, 928 6, 837 7, 948 42, 025	289 238 627	1, 246 78, 453 323 5, 654 30, 229	230 163 448	10, 750 71 1, 310 7, 910	40 13 106	25, 584 2, 554 6, 404 823 3, 313	1 17 62 	210 171 39 161 573	2
53	Street railroads 3	195, 408	188, 973	6, 435	131, 740	5, 789	49, 199	517	6, 546	122	1,488	7
54 55 56	Builders and building contractorsOfficials and superintendentsForemen and overseers	3, 609 5, 827	3, 604 5, 822	5 5	12 3, 195 4, 316	4 4	6 409 1,442	1	1 44	<u>1</u>	20	
57 58 59 50 51 52	Chemists. Civil engineers and surveyors. Draftsmen Electrical engineers. Lawyers. Mechanical engineers.	14 706 297 684 121	14 706 290 684 121 145	7	13 623 247 605 115 125	6	1 79 42 77 6 20	1			1 1	
33 34	Other professional pursuits	14 17	14 10	7	12 9	5	2 1	2				
15 6 7 8	Accountants and auditors Advertising agents Agents (not elsewhere classified) Baggagemen Bookkeepers and cashiers	968 61 1,801 117 2,268	856 58 1,624 117 1,172	112 3 177 	780 56 1,330 104 1,047	107 3 141 	75 2 288 10 122	36 89	6 3 1		1	
0 1 2 3 4	Collectors. Commercial travelers Freight agents Messanger, errand, and office hove and civils	8, 382 258 14 262 190	6, 437 171 14 260 179	1, 945 87 2 11	5, 764 139 14 246 152	1, 861 76 2 10	639 32 14 8	82 11	30	<u>-</u>	4	
76 17 18 19	Onice appliance operators Purchasing agents Salesmen and saleswomen Shipping clerks. Stenographers and typists Ticket and steller streets	172 90 136 54 1,880	18 88 118 51 186	154 2 18 3 1,694	16 83 111 46 176	145 2 17 2 1,640	2 5 7 4 8	52	1 2	1 2		1
81 82	Ticket and station agents.  Weighers Other clerical pursuits Sometimes it was impossible, from the enumerators' and firemen of stationery bollers	1, 786 13 56	1, 222   12   56	564	860 9 46	444	362 3 8	120			 1	

<sup>1</sup> Sometimes it was impossible, from the enumerators' returns, to distinguish between locomotive engineers and stationary engineers, and between locomotive firemen and firemen of stationary boilers.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

COMMUNICATION—Continued

	7 YEARS LD	18 AT	ND 19 S OLD		4 YEARS	25 TO 34			YEARS	45 TO 50	YEARS	55 TO 64	YEARS	65 TO 74	4 YEARS LD	75 Y	EARS OVER	UNKI	E IOWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fa- male	Male	Fe- male	Male	Fe- male	Male	F <sub>6</sub> -male	Male	Fe- male
		1 75 367 399 139		24 1,066 5,644 3,237 1,136 5		9, 663 27, 592 11, 675 3, 776 24		61 31, 779 24, 070 11, 239 3, 775 37		45 35, 533 7, 039 7, 802 2, 360 44		18, 158 1, 158 1, 833 3, 816 1, 010 42	1	4, 622 482 995 260 12		239 18 69 22		66 51 17 4	
2		8 6 91 16 20 2 9		1 17 2 57 24 582 3 59 170 8 34 3		3 37 3 149 47 1, 854 7 101 514 32 88 6		54 4 101 27 2,077 4 156 592 45 93 8	3	7 62 3 100 24 1, 304 1, 304 473 32 77 5	2	37 1 47 26 618 5 28 274 24 66	2	15 11 105 1 6 78 7		5 2 4 4		6	
10 5 15 24 26 130 17 4 174 71 29 15 4 3 4 28 5, 665 31 123 27 27 626	4 5 83 1 12	3 5 88 277 26 10 9 10 9 10 10 10 10 10 10 10 10 10 10 10 10 10	13 116 2 20 24	12 9 54 32 55 301 11 11 6, 201 6, 201 6, 201 21 6, 201 1, 636 1, 030 87 41 11 1, 48 173 69, 900 200 747 94 2, 346 5, 413 55 513 69, 900 747 94 5, 413 5, 423	3 4 16 300 3 106	4 6 6 20 20 64 9 2 155 4 147 29, 717 6 43 1, 354 2, 401 200 64 1 410 2 340 8, 357 340 8, 061 20, 620 2, 135 1, 900 10, 887	80 210 6 10 2 44 787 1	1 7 7 1 0 1 1 7 7 1 1 0 1 1 1 1 1 1 1 1	1 147 212 16 72 1 1 144 932 3 1 72 45 147	7 4, 241 14, 793 343 1, 007 186 9 388 552 49 10, 090 001 74, 504 896 1, 386 811 2, 686 7, 787	81 137 6 148 3 110 579 1	2, 050 4, 032 2 21 11 112 70 65 9 237 3 3 588 4 172 4, 937 849 87, 298 865 486 1, 961 13, 063 289 987 3, 900	113 1 80 228 2 4 4 48	502 502 228 23 100 34 198 39 2 344 1, 227 539 10, 686 53 201 102 475 6, 769 31 304 1, 308	14 8 8 27 27 28 11 58	1 27 33 9 4 4 3 3 45 1 1 62 83 792 3 18 10 23 752 1 20 142	2 1 1 3 18 11	1 1 18 70 2 2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2
535	105	1, 968	418	14, 578	1, 451	50, 587	1, 983	53, 052	1, 301	40, 045	815	21, 296 6 634	300	6, 283	57	515	4	134	8
2 14 118 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	12 54 3 3	10 18	7 1 40 145 24 1 158 10	46 93 575 69 46 21 11 3 2 2 80 9 122 25 20 1, 281 21 22 4 20 8 6 7 7 7 10 10 10 10 10 10 10 10 10 10 10 10 10	1 31 9 170 490	443 956 3 230 108 235 34 37 259 19 344 1, 819 6 5 7 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 7 8 7 8 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	1 1 1 2 40 8 29 334 639 16 1 2 59 8 1 618 92	1, 151 1, 745 41 188 -62 187 21 40 3 1 1 242 15 416 26 27 1 1, 278 45 22 20 5 22 20 5 22 24 3 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	1 2 1 21 46 314 345 43 1 9 1 5 5 1 220 147	1, 126 1, 582 1 128 20 145 32, 25 4 1 1 154 10 365 365 365 20 4 58 10 22 25 152 858 20 4 58 10 20 15 20 15 20 20 20 20 20 20 20 20 20 20 20 20 20	2 1 3 9 56 170, 201 10 1 1 1 1 1 1 1 57 168 1	1, 078  59 4 53 24 10 3 85 1 256 19 119 498 27  45 11 2 7 3 195 5 1	4 31 46 59 8	1 21 3 5 15 7 7 2 19 2 9 2 7 45 203 8 1 1 2 1 1 0 2	1	24 15 4 3 1 1 2 2 3 3 0 1 1 1 1 1 1 1	1	1 1 2 2 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2	1

<sup>&</sup>lt;sup>‡</sup> Includes hostesses and matrons. <sup>‡</sup> Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in car and railroad shops and workers on steam and street railroads.

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRANSPORTATION AND

		tra ento ari	ie, the occu	Travious or	each indus		FOREIG	N-BORN	NEG		отпек	
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe-	Male	Female	Male	Fe-
				ļ	- Willia	remate	Witte	male	145410		1410	male
1	Street railroads—Continued. Blacksmiths	552 40	552 40		269 27		278 10		3 1		2 2	
3 4	Boilermakers	99 74	99 74		42 23		51 51		6			
5 6 7	Carpenters Cement finishers Compositors linetypers and typesetters	2, 914 10 35	2, 914 10 34		1,326 7 31	1	1,563 1 3		21 2		4	
8	Compositors, linotypers, and typesetters Cranemen, derrickmen, hoistmen, etc Electricians	111 5, 044	111 5, 043	<u>î</u>	77 4, 188	I	30 819		2 31		2 5	
10 11 12	Engineers (stationary) Machinists Mechanics (not otherwise specified)	1, 258 2, 458 5, 150	1, 258 2, 458 5, 150		994 1, 616 3, 255		246 816 1,799		18 18 76		8 20	
13 14		22	22		18		4					
15 16	Millwrights. Molders, founders, and easters (metal): Iron molders, founders, and easters. Other molders, founders, and easters. Painters, glaziers, and varnishers (building) Pattern and model makers. Plumbers and gas and steam fitters. Structural iron workers (building) Tinsmiths and sheet metal workers. Toolmakers and die setters and sinkers.	21 4 111	21 4 111		13 3 71		1 37		1 1		<u>2</u>	
17 18 19	Pattern and model makersPlumbers and gas and steam fitters	26 481 44	26 481 44		19 358		7 119 24		4 1			
20 21	Tinsmiths and sheet metal workers	118 27	118 27		19 76 17		41 10				1	
22 23	Other skilled trades	61 12	60 12	1	41 7	1	18 5		1			
24 25 26	Apprentices Charwomen and cleaners Chauffeurs and truck and tractor drivers Conductors	81 52 1, 794	81 21 1, 794	31	72 9 1, 575	21	9 11 180	5	1 31	5	 8	
27 28 29	Cooks	35, 697 21 69	35, 680 14 69	17 7	28, 693 2 50	14 4	6, 960 4 11	3	11 7 8		18 1	
30 31	Draymen, teamsters, and carriage driversElevator tendersFiremen	74 482	72 482	2	30 277	1	17 167		25 38	1		
32 33 34	Firemen. Guards, watchmen, and doorkeepers Inspectors Janitors	791 3,330 544	791 3, 325 498	<u>5</u> 46	469 <b>2,</b> 583 189	3 20	314 724 151	2 16	8 10 134		8 24	<u>2</u>
35 36 37	Materman	27, 416 57, 969	27, 143 57, 964	273 5	9, 454 44, 455	118 5	11, 865 13, 417	60	4,601 51	8 92	$1, 2\overline{23} $ $41$	3
38 39	Ollers of machinery. Painters, glaziers, and varnishers (factory) Policemen. Porters.	349 1,018 140	349 1, 015 140	3	196 671 83	3	121 320 57		24 10		8 5	
40 41 42	Porters	918 2, 608 13, 422	918 2, 608 13, 272	150	50 1,723 8,411	120	72   832	20	795 52		1	
		·			,		4, 344		441	9	76	1
43 44 45	Telegraph and telephone Builders and building contractors. Owners, operators, and proprietors Managers and officials	578, 602 41 285	287, 354 41	311, 248	242, 838 38 247	297, 554	20,028	12, 930	3,478	517	1,010	247
46 47	Managers and officialsForemen and overseers	18, 672 11, 172	265 15, 819 11, 112	20 2,853 60	14, 997 10, 176	20 2,755 55	18 812 922	98 5	2 5		8 0	
48 49	ChemistsCivil engineers and surveyors	92 928	86 928	6	78 883	5	8 44	1				
50 51 52	Designers Draftsmen Electrical engineers	2, 284 11, 178	2, 173 11, 137	3 111 41	1, 977 10, 417	3 105 39	190 720	8 2			6	
53 54	Lawyers	192 537	189 536	3 1	175 495	3	14 40				1	
55 56 57 58	Photographers	25 35 55	25 34 11	1 44	25 27 10	1 43	7					
59	Accountants and auditors	113 4, 283	5 3, 273	108 1,010	3, 070	94 979	1 200	14 30	1		2	1
60 61 62	Advertising agents	293 2, 805 9, 030	273 2, 179 1, 934	20 626 7, 096	261 2,071 1,823	19 599 6, 856	12 108 106	1 26 236				i
63	Canvassers Clerks. Collectors	1, 478 51, 553	1, 355 21, 232	123 30, 321	1, 302 19, 890	120 20, 049	50 1, 292	3 1, 255	2 27	<del>7</del>	5 1 23	3 10
66 1	Commercial travelers. Credit men Messenger, errand, and office boys and girls	959 361 107	898 352 90	61 9 17	833 338 84	60 7 15	65 14 6	$\begin{bmatrix} 1 \\ 2 \\ 2 \end{bmatrix}$				
69	Messenger, errand, and office boys and girlsOffice appliance operators	1, 529 1, 487 96	1, 269 140 92	260 1, 347 4	1, 193 130 88	254 1, 288 4	55 8	5 56	16 1	I 1	5 1	2
71 72	Shipping clerks Stenographers and typists	12, 240	110 266	5 11, 974	92 253	11, 490	14 13	477	4	i		6
73 74 75 76	Telegraph messengers Telegraph operators. Telephone operators Other clerical pursuits.	16, 176 67, 821 248, 884	15, 997 51, 699 13, 625	179 16, 122 235, 259	14, 681 48, 736 12, 406	170 15, 271 225, 460	799 2,823 925	8 821 9, 271	177 36 256	1 8 331	340 104	22
77	Blacksmiths	7 30	7 30		17		11		200	991		197
78 79 80	Brick and stone masons and tile layers	60 68 360	60 68 360		38		6 31		16		1	
81 82	Compositors, linotypers, and typesetters	122 16	106 16	16	99 14	16	7		2		4	
84	Engineers (stationary)	6, 966 1, 108 538			4 040		624 88 163		11 2		3	
86 87 88	Machinists Mechanics (not otherwise specified) Millwrights Millwri	2, 123	2, 122 11	1	1,806	1	300 L		8 15		1	
89	Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Pelegraph and telephone linemen	71, 625	118 82 71, 624	i	00	1	19				101	
92	Finsmiths and sheet metal workers	15 93 25	15 93 25		10 51		5 42					
	includes, also, all technical engineers not elsewhere cla		20  .	·II	18		5  _		2	-		

# OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

COMMUNICATION—Continued

10 TO 17 OI	YEARS D	18 AN YEAR	D 19 3 OLD	20 TO 24 OI	YEARS D	25 TO 34 TO OLI	YEARS	35 TO 44 OL		45 TO 54 OL	YEARS D	55 TO 64 OLI	YEARS	65 TO 74 OL	YEARS D	75 YI AND 0	EARS OVER	AG UNKN	e own
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
		3 1 13		7 5 10 6		71 14 21 9 631		128 11 34 9 762		164 5 16 23 667		125 3 12 19 448		48 2 5 6		6 2 15		  2	
		1 1 63 6 18		185 2 5 10 476 93 197		3 } 11   25 } 1, 603   209   604 }		1 6 35 1, 459 338 693	1	3 7 26 923 295 563 1,043	1	1 4 14 408 161 284 503		98 56 89 171		8 9 10		5 1	
1		72		489 1 10 1		1, 442 7 4 2 20 5		1, 417 2 4 30 9		1, 043 10 3 1 23		503 2 6 1 15 4		3 3 6 3		10 		3	
		3		35 8 1 6 1		142 21 28 9 13		141 10 32 6 11 6	1	100 10 21 4 20 4		47 3 20 6 8		6 1 2		1			
44 7 7		13 1 15 106	2	15 3 271 2,777	1	7 5 858 11, 483 3 21 18	5 2	1 6 430 10, 755 6 16	9 4 1	1 2 158 6,748 4 13	11 7 4	3, 029 1 7	5	2 5 715 4	i	40		20	
2 188	, , , , , , , , , , , , , , , , , , ,	6 8 18 4 657 83	1 8	8 35 63 170 17 2,833 2,553	2 20	101 122 697 40 6, 579 15, 020	2 2 9 68 2	23 132 117 1,043 97 7,076 17,523	2 14 79 3	108 126 828 108 5,599 14,014	1 12 58	73 197 489 121 3, 047 7, 134	5 28	25 135 119 91 1,054 1,543	2 7	21 21 8 17 81 47		3 1 29 42	
3 4 0 78	2	16 14 42		32 80 12 124 168 1,522	23	77 239 33 293 496 4,030	41	80 255 32 243 401 3, 487	30	81 214 38 161 491 2, 359	28	51 136 14 51 501 1, 197	8	52 10 22 380 322	5	10		1 1 1 11	
15, 271	20, 300	14, 651	48, 577	52,068	108, 418	80,828	88, 984	54, 681 19 57	32,813	82, 659	10, 343	13, 608	2, 962	3, 152	2	=	-		-
		74 54	1	1, 289 672 21 213	2	25 4, 563 3, 555 42 423 1 612	1, 115 30 8	4, 512 3, 801 12 191 147		2, 276 6 77	2	191	133	366 88 5	26	41		10	
· · · · · · · · · · · · · · · · · · ·		331		1, 021 1, 891 13 84 4	49 9	4,954 59 241 14 12 2	42 22 2 2 	2,649 48 143 6 9	i	40 55 1	1	23		31 5 2		2	1		
36	112	115	038	34 340 610 313	367 7 148 2, 281 38	1, 265 108 705	294 7 210 2, 395 43	747 77 418 264 213	152 4 131 1,150	366 38 399 172 14 1, 34	57 3 1 4 71 2 403 1 10	114 15 229 87 0 74	34 96 202	61 24 19 153	113	3	ī	2	3 2
1, 22 1	1,724	3 24 3 3	1 1 1 1 1 8 48	25 3 66 3 6	24 5 24 1 592	11 19 28	13 4 6 7 327 2	177 74 21 10 21 22	58	1	8 2 9 4 7	62 83 83 84 85 85 85 85 85 85 85 85 85 85 85 85 85			3	2	1	1	-
11, 23 29 38	6 540 8 86 1 58	5 0 2,82 5 1,24	7 2, 300	5, 84 2, 53	5, 299 4 35 5 5, 500 5 80, 000	372 13, 648	4, 916 66, 450	15, 01 2, 99	9 689	12 7 9,41 9 1,82	3 70 7 7, 13	2 82 6 4,99	30	1, 14	7	7 6	3	3 3	3 2
	3	ĵ 1		3 2	4 1 8 1	22 16 91 34	1	10 10 1 1 34	8 6 6	3 91	25	37 27	0	1 · · · · · · · · · · · · · · · · · · ·	5 6		1		4
	2	11	.4   22	51	9	2, 30 45 19 81 81	2	12, 90	3 3 5	6, 26	36 03 1 23 10	2 5	6 6 7	1	1		2 I		1
42	31	3, 70	31 3 1	19, 41	3	2	8	12,90	2	}	174		1		1				

Includes, also, chemical and metallurgical engineers.

Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRANSPORTATION AND

		(In this tai	l l l l l l l l l l l l l l l l l l l	ipanons of	each indus		FOREIG					1
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Telegraph and telephone—Continued.			i				mare				mais
1	Apprentices: Architects', designers', and draftsmen's apprentices.	81	57	4	55	4	2					
2 3 4 5	Prentices. Electricians' apprentices. Other apprentices. Charwomen and cleaners. Chaufleurs and truck and tractor drivers. Druymen, teamsters, and carriage drivers. Elevator tenders.	54 514 318	54 462 46	52 272	53 447 18	49 110	1 13 24	3 131	1 4		1	
6 7 8	Draymen, teamsters, and carriage drivers	2, 159 110 320 187	2, 158 110 170 187	1 150	1,989 99 79 118	105	138 6 67 65	32	26 5 22 4	12	5 2	i
9 10 11	Firemen Guards, watchmen, and doorkeepers Housekeepers and stewards Inspectors	543 768 4, 173	530 9 3, 040	759 1, 133	339 6	3 550 1, 073	193 2 294	1 109 59	6 1 1	10	1	
12 13 14	Janitors Laborers Operatives	2, 913 12, 674 4, 604	2, 514 12, 647 3, 859	1, 133 399 27 745	2, 743 1, 104 8, 541 3, 342	200 21 650	653 <b>2,</b> 443 460	102 82	738 1, 351 49	97 6 9	19 312 8	4
15 16 17 18	Painters, glaziers, and varnishers (factory)————————————————————————————————————	145 54 793	145 54 793		107 48 114 5		38 6 306 3					
19	Truck, transfer, and cab companies	483, 148	474, 860	8, 288	376, 545	7, 565	53, 579	459	40, 904	248	3, 832	16
20 21 22	Owners and proprietors	30, 752 10, 332 2, 350	30, 326 10, 182 2, 348	426 150 2	23, 853 0, 151 2, 036	352 133 2	4, 567 866 271	52 14	1, 704 149	22	202 16	
23 24	Electrical engineers	2, 330 14 32	2, 348 14 30	2	2, 030 13 28	2	1 2				3	
25 26	Mechanical engineersOther professional pursuits	26 30	26 29	1	21 22	1	5 7					
27 28 29 30	Accountants and auditors. Advertising agonts Agents (not elsewhere classified). Bookkeepers and eashiers. Canvassers. Clerks.	641 39 1, 854 5, 052	596 37 1, 691 2, 349	45 2 163	544 32 1, 583 2, 138	43 2 160	49 4 95	3	1 1 5		8	
31 32 33		388 6, 411	2, 349 382 4, 790 205	2, 703 6 1, 621 61	2, 138 364 4, 319 195	2, 527 4 1, 491 59	190 18 393 8	139 1 88	11   61   1	$\begin{bmatrix} 34 \\ 1 \\ 39 \\ 1 \end{bmatrix}$	10 17	3 1
34 35 36	Credit men Messenger, errand, and office boys and girls Office appliance operators Purchasting agents Salesmen and saleswomen	32 319 63	31 271 3	1 48 60	29 246 3	1 39 55	2 8	5	13	9	4	
37 38 39 40	Purchasing agents Salesmen and saleswomen Shipping clerks.	65 261 352	63 246 346	2 15 6	58 224 284	2 15 4	5 19 52		3 8	1	2	
41 42	Shipping clerks Stenographers and typists Weighers Other clerical pursuits	1, 877 26 4	108 25 4	1, 769 1	284 98 20 4	1, 682	7 1	77	3 4	10		
43 44 45	Blacksmiths Gabinetmakers Carpenters	161 17 221	161 17 221		81 10 <b>1</b> 31		67 7 88		10		3	
46 47 48	Carpenters Carpenters Cranemen, derrickmen, holstmen, etc. Electricians Engineers (stationary)	30 172 119	30 172 119		24 137 88		5 31 28 79		4 3			
49 50 51 52	Machinists. Mechanics (not otherwise specified). Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters. Tinsmiths and sheet-metal workers.	3, 599 27 18	3, 599 27 18		403 2, 990 19		469 6		$^{19}_{126}$			
53 54 55	Tinsmiths and sheet-metal workers	28 06 45	28 65 45	1	14 21 51 32	î	$\begin{array}{c} 4 \\ 7 \\ 12 \\ 11 \end{array}$		1 2			
56 57	Appropriace	1,002	$\frac{22}{1,002}$		21 455		544		2		1	
58 59 60	Applications Bus conductors Charreomen and cleaners Chauffeurs and truck and tractor drivers Draymen, teamsters, and carriage drivers	324, 150 45, 818	323, 216 45, 795	34 943 23	261, 281 32, 943	839 14	36, 359 4, 471	55 2	22, 942 8, 034	24 44 6	2, 634 347	1 5 1
61 62 63 64	Elevator tenders	33 46 443 46	$\begin{array}{r} 32 \\ 46 \\ 442 \\ 24 \end{array}$	1 1 22	24 21 333 19	1 1 17	3 16 87 2	<u>2</u>	5 9 17 3	3	5	
65 66 67	Inspectors Janitors Laborers Oilers of machinery	312 181 40, 970	311 174 40, 920	1 7 50	262 68 29, 227	1 3 11	47 24 4, 136	2 2	2 80 7, 019	2 36	538	1
68 69 70	Painters, glaziers, and varnishers (factory)	35 3, 046 143	2, 926 143	120	2, 302 101	95	5 423 33	12	189 9	12	12	i
71 72 73	Policemen Porters All other occupations	25 491 80	25 490 80	1	22 36 72		31 8		417	i i	6	
74	Water transportation	299, 804	294, 423	5, 381	155, 781	4, 384	88, 434	661	44, 959	328	5, 249	8
75 76 77	Builders and building contractors. Captains, masters, mates, and pilots. Owners, operators, and proprietors. Managers and officials.	359 24, 485 518	358 24, 482 513	3 5	319 16, 226 404	1 3 5	8, 011 107		203		42	
78 79	Managers and officials.  Foremen and overseers.  Includes hostesses and matrons,	3, 109 3, 166	3, 096 3, 166	13	2, 523 2, 348	11	552 704	2	104		19 10	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

COMMUNICATION—Continued

	7 YEARS LD	18 AN YEAR		20 TO 24 OL		25 TO 34 OL		35 TO 44 OI			4 YEARS	55 TO 64		65 TO 74		75 YI AND 6		UNK	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
47 41 75 1 17 1 1 1 287 287 171 1	8 	6 5 161 1 1 1 1 81 2 6 4 4 4 4 4 4 4 4 6 5 6 6 6 6 6 6 6 6 6	21 11 1 24 	1 7 198 8 2 2 2 27 24 23 31 1 525 200 3, 213 1, 129 13 6 136	13 21 50 1 18 302 24 4 8 203	25 14 900 36 62 82 2 928 548 3,563 1,025 53 11 258	1 69 40 1 79 511 83 83 180	1 2 16 442 25 36 52 111 2 705 625 2, 287 538 16 184	102 24 263 171 148 60	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 	3 27 3 27 18 123 220 339 659 144 111 9 54	16 123 3 3 48 2 10	6 1 1 14 4 3 122 156 31 1 2 12	13 1 6 5	2 4 13 9 6	1	1 1 3 12 7	2
6, 921	218	16, 164	785	78, 775	2, 139	171, 927	2, 522	106, 470	1, 615	57, 175	723	26, 701	228	9, 158	45	1, 174	5	397	8
1 3 18 119 3 116	761	89 31 10 	2 11 204 16 2 9 13 2 322	1, 151 108 108 11 11 14 82 100 107 494 33 1, 024 430 33 44 22 122 23 966 569 98 98 98 98 98 98 98 98 98 9	11 5 0 37 713 1 414 5 1 12 22 740	7, 753 3, 227 784 6 13 9 10 225 15 582 792 140 1, 591 12 32 27 88 125 36 0 0 1, 656 0 0 0 1, 656 1, 655 11 4 3 28 12 13 18 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10	11 24 18 48 928 3 489 25 16 20 3 2 481	9, 689 3, 316 747 4 4 9 148 8 171 6 430 494 100 877 36 6 74 6 1 17 65 74 6 1 135 88 53 88 51 100 926 44 90 91 14 12	156 60 1 1 10 37 525 203 14 2 5 2 7 1 120 1	6, 924 1, 907 418 3 3 2 3 3 268 8 251 67 501 26 4 8 5 33 40 6 5 5 30 20 84 279 84 279 5 3 7 7 6	105 34 2 2 18 218 135 11 2 2 8	3, 445 842 218 1 1 36 1 140 0 152 20 20 21 1 9 3 15 28 4 27 33 11 3 3 12 23 6 4	1 6 53 1 1 0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,162 280 03 3 3 34 54 3 96 12 1 1 2 1 1 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 7	8 3 11 4 1	1 1	1 2 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 2
17 3, 154 522 2, 862 168 1 20 2, 953	2	824 1 4 3, 633 4 73 3 34 1	77 10	62, 512 3, 326 8 1 1 34 5 15 17 7, 740 19 93 7	10 110 110 110 110 110 110 110 11,419	1 482 1 132, 934 8, 856 13 17 63 8 117 63 8 117 10, 570 11 935 46 8 159 32	3 3 2 16 40	276 3 69, 595 10, 503 3 12 2 73 3 111 37 7, 509 4 732 36 8 105 5	9 299 6 1 3 9	107 4 29, 746 10, 318 4 9 84 4 4 0 22 5, 181 3 457 26 3 457 13	1 5 136 2 1 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 10, 979 7, 377 3 6 104 3 19 40 2, 427 285 5 21 6	34 5 	9 2,884 3,462 2 70 11 845 72 4 12 2 8,158	1 1 44	317 562 9 113 3110 7	4	1 274 45 1 34 1 1	4
20		9, 230	386	36, 801 6 1, 244 11		8 159 32	6	8 105 19	925	3 45 13	1 2 2	21 6 25, 422	174	8, 158 24	1	1, 041 3 168 8 27 17	4		31 6 1

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRANSPORTATION AND

<u> </u>			3.5.1		NATIVE	WHITE	FOREIG WII		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8	Water transportation—Continued.  Civil engineers and surveyors. Draftsmen. Electrical engineers. Lawyers. Mechanical engineers '. Mining engineers '. Trained nurses. Other professional pursuits.	683 92 98 27 534 10 14	683 90 98 27 534 10 2	2 	553 71 80 22 411 7 1 12	12 1	128 19 17 5 123 3					
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	Accountants and auditors. Advertising agents. Agents (not elsowhere classified) Bookkeepers and cashiers. Clarks. Clerks. Collectors. Commercial travelers. Credit men. Messenger, crand, and office boys and girls. Office-appliance operators. Purchasing agents. Sales agents. Sales agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists.	880 19 3, 225 2, 888 193 12, 861 34 47 16 375 87 171 5 180 683 2, 628	850 18 3, 163 2, 147 192 11, 632 15 372 14 166 4 167 160 289	30 1 72 441 1 1, 219 1 1 3 73 5 1 20 4 2, 169	698 2, 369 1, 772 169 9, 611 20 39 13 292 13 132 452 452 324	28 1 56 400 1,086 1 1 1 1 3 68 4 1 18 4 1,978	148 2 754 358 21 1,851 4 7 2 37 1 32 25 113 29	2 15 41 1 129 4 1 1 22 187	1 10 3	1	2 2	2
26 27 28 29 30 31 32 33 34 35 36 37 88 40 41 42 43	Blacksmiths Boilermakers Brick and stone masons and tile layers Carbenters Compositors, linotypers, and typesetters Coopers Coopers Coppersmiths Cranemen, derrickmen, hoistmen, etc Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Peinters, glaziers, and varnishers (building) Plumbers and gas and steam fitters. Tinsmiths and sheet-metal workers. Other skilled trades	248   152   15   17   15   17   15   17   15   17   15   17   15   17   15   17   16   17   17   17   17   17   17	248 162 15 17 3, 641 94 269 23 1, 825 1, 756 23, 304 1, 756 301 445 301	1	205 125 111 6 9 1, 432 33 150 18 1, 341 18 1, 341 1, 183 707 14 89 302 33 17	1	69 108 37 5 8 8,012 32 98 5 5 449 217 5,407 531 191 6 45 80 10				1 22 10 2 1 1 66 10 10 3	
44 45 46 47 48 49 51 52 53 55 56 60 61 62 63 64 65	Apprentices Boatmen, canal men, and lock keepers Charwomen and cleaners Chaufeurs and truck and tractor drivers Cooks Draymen and teamsters Elevator tenders Firemen Guards, watchmen, and doorkeepers Housekeepers and stewards Inspectors Janitors Laborers Longshoremen and stevedores Oilers of machinery Operatives Painters, glaziers, and varnishers (factory) 3 Policemen Porters Sailors and deck hands Waiters All other occupations	80 5, 643 42 657 7, 760 41 13, 621 3, 953 6, 636 454 203 11, 320 73, 954 7, 905 2, 288 143 242 736 64, 700 8, 492 1	80 5, 603 21 657 7, 308 60 13, 621 3, 950 6, 026 453 194 11, 327 78, 944 7, 665 2, 240 143 242 736 64, 692 8, 401	40 21 452 1 1 3 610 1 1 9 2 2 10 48	73 4, 650 6 460 2, 331 85 26 7, 150 2, 493 2, 018 80 6, 714 20, 789 5, 149 1, 449 1, 449 1, 85 195 35, 602 2, 612	234 234 234 304 1 0 1 1 34 5 64	77 644 03 82,146 9 9 11 4,641 1,295 72 75 1,458 27,265 2,233 666 652 59 90 20,422 1,849	218 218 38 311 11	282 6 180 2, 315 74 3 1, 500 143 811 2 52 2, 926 25, 434 102 105 5 436 6, 656 3, 034	2 7 101 1 87 3 1 10 4 3 10 .	27 4 516 2 327 19 240 7 220 456 181 20 1 1,093 906	1
66	Other and not specified transportation and communication.	11,747	9,927	1, 820	7, 891	1, 640	1,651	169	388	10	57	1
67 68 69 70 71 72 73 74 75 76 77 78 80 81 82 83 84	Owners, operators, and proprietors  Managers and officials Foremen and overseers  Civil engineers and surveyors Draftsmen. Electrical engineers Lawyers. Mechanical engineers. Mechanical engineers. Other professional pursuits  Accountants and auditors Advertising agents. Agents (not elsewhere classified). Bookkeepers and cashiers. Canvassers Clerks. Collectors. Commercial travelers. Messenger, errand, and office boys and girls	342 1, 647 290 72 39 24 13 20 12 204 27 1, 053 2, 568 2, 568 22 22 212	325 1,595 289 72 37 24 12 29 8 276 23 890 291 125 2,002 25 22 210	17 52 1 2 2 1 1 4 18 4 163 220 8 566 2	274 1, 374 235 55 30 20 11 20 3 237 20 723 246 112 1, 684 18 184	14 49 1 2 1 4 15 4 149 214 8 520 2	50 205 50 16 6 4 1 1 9 5 39 3 162 43 13 291	3 .	22		5 2 .	

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

Includes, also, chemical and metallurgical engineers.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

COMMUNICATION—Continued rvisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

	YEARS	18 A	ND 19 IS OLD	20 TO	24 YEAR!	25 TO 34	YEARS	35 TO 44 OL	YEARS	45 TO 54 OL	YEARS	55 TO 64 OLI		65 TO 74 OL	YEARS D	75 YE AND C	VER	UNKN	NWC
fale	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
				- 1	4 9 0 	171 1 30 32 10	1	160 19 26 7 159		150 15 18 5 117		81 4 9 5 69		19 1 2 14		6 1 1 7		2	
2			9	L 1	5 37 4	5 284 7 800 31 734		261 27 254	4	136 2 704 253	2 1 8 20	354 161	12		1 3 4	_		53	
21 287 181	3	58	33	0 1,9	16	30 3, 297 10 11 10 35	2	58 2, 535 7 17 17	213	1,660 6 8 2 10 2 36	87	939	17	318 2 1 1 1	4	34		8	1
1 18 19			1 4 25	1 1	6 26 101 146 23	1 3 5 806 7 4	2 4 8 7 7 7	3: 2 11 1 2 2 9	1 8 4 7	100 100 7	5	5	7 3 3 0	5 1	5	2 	2		1
	1		1 19 2 1		10 8  167 11 5 3	70	5 0 30 41	1, 02	2 2 20 30 74	93	5 9 5 5	50	2 4  3  4	18	1		5		4
2	2		18 11 149 25 33	1,	3 171 151 446 167 117 20	6, 6 5	94 70 11 22 10 1	7,00	45 79 61 00 60 8  28	14	32	2, 41	13 l	7	10 13 14 5		89		35
	30		7 1 15 108 1	2	43 2 5 30 442 5	1,0	23 15 13 277 3	5 1, 2 4	13 9  2 250	6 4	46	5 1	1 29 4 15 15	1	36 2 5 238	6 1	83		4 1 15
	8 27 4  93 8	7	36 136 9 10 554 40 78 10	12	140 736 27 10 2, 423 165 449	48 2,	125 1 53 6 474 350	07 1,8 3,1 108 1,9	34 442 496 900 92	1,	28 4 329		12 4 332 152 466	70	3 135 766 130 34	1 16	8	2 1	33 312 1 23
1 3	2 2 326 385 71 35	1	568		41   13   2, 023 5, 409 1, 942   238 22	1 3, 18,	123 513 069 520 30	1 23,	32 494 622 514 539 37 64 151	2 16, 12 16,	755 874 475 439 24 61	1 3 6,	778 396   121 261   17 51	1,	207 467 20 119 8 28 17 061		30 147 1 14 1 1  4  156		96 16 7 4 475
1,	36 169 153	4	55 1, 236 522	1 5	3, 541 2, 061	15 3,	507 001	38 1,	779		516 765 ,591	3 3,	252 203 816	57	248	9	49		10
	201	42	332	172	1, 200		956		, 524		79	1 7	40	3 4	10 53	1	5 11		
			1 1 1		15 55 17 6	1 3	67 407 81	3 25	108 549 94	8 13 	333 63 16	7	40 185 28 9	4	2		1		
					9 2		24 22 13  10 3	1 1 2	3 6 5 2	1	3 3 8 1	i	2		1		1 -		1
	1 2	2	6 8 2 130	20	27 4 59 48 14 411	4 1 11 63 1 139	106 5 280 106 52 604 12	7 1 41 77 5 228	72 4 257 66 34 391	5 1 49 38 1 92	35 7 168 31 10 246 3	1 34 24 1 31	27 - 3 91 24 8 118 1 - 5	26 4 12	24 4 5 41 1	1 1 4	9		3
		····i	50		$\begin{bmatrix} 2 \\ 1 \\ 27 \end{bmatrix}$		8 10		9		8		5	1	3		2		

## - Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### TRANSPORTATION AND

[In this table, the occupations of each industry are presented in most cases in five groups: Proprietary, official,

		m 4-3	3.53		NATIVE	WHITE	FOREIG WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 15 17 18 19 20 11 19 20 11 19 19 19 19 19 19 19 19 19 19 19 19	Other and not specified transportation and communication—Continued.  Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Weighers. Other clerical pursuits.  Blacksmiths. Carpenters. Cranemen, derrickmen, hoistmen, etc. Electricians. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Other skilled trades.  Chauffeurs and truck and tractor drivers. Draymen, temsters, and carriage drivers. Firemen. Guards, watchmen, and doorkeepers. Inspectors.	114 122 760 10 7	2 26 106 117 82 10 6 12 44 112 49 180 86 151 11 31 722 109 27 84 222 1,064	14 1 8 5 678 1	1 23 95 90 75 90 4 7 21 11 136 62 119 8 10 10 17 58 198 501	14 1 8 4 598 1	1 3 10 24 6 1 2 2 2 2 2 3 3 1 1 1 2 60 20 8 8 8 25 22	78	21 9 1 1 22 1 22 7	1	1	1
24 25 26	Operatives	26 85	26 72	13	293 7 48	7	108 4 17	3	18 15 7	2		

#### TRADE

	The state of the s	<del>,</del>										
27	Advertising agencies	64, 488	48, 980	15, 508	44, 319	14, 446	4, 285	1,030	319	21	57	11
28 29 30	Owners, operators, and proprietors Managers and officials Foremen and overseers	6,854	3, 491 6, 280 290	194 574 30	3, 138 5, 807 262	178 546 25	351 471 27	16 28 5	2 1			
31 23 33 34 35	Civil engineers and surveyors. Designers. Draftsmen. Mechanical engineers. Photographers. Other professional pursuits.	112 31 17 126	14 88 26 17 123	24 5	13 71 22 17 110	23 4 3	1 17 4 13					
36 37 38 39 40 41 42 43 44 45 47	Accountants and auditors. Advertising agents. Agents (not elsewhere classified). Bookkeepers and cashiers. Canvassers. Clerks. Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators.	757 25, 409 237 1, 635 1, 95 7, 277 82 1, 128 36 384 310	78 645 23, 152 214 432 156 2, 942 60 1, 088 33 356 81	112 2,257 23 1,203 4,335 4,335 22 40 3 28 229	574 21, 244 203 387 144 2, 682 51 1, 010 29 333 76	3 108 2,146 21 1,105 36 4,022 21 39 3 27 217	10 71 1,846 9 45 10 251 9 77 4 17	107 2 98 2 303 1 1 1 12	8	7	1	
48 49 50 51	Purchasing agents. Shipping clerks Stenographers and typists. Other clerical pursuits.	148	62 141 170 3	5, 904	59 117 155 2	9 7 5,481	3 18 14 1	411	6 1	6		
52 53 54 55 56 57 58 59 60 61 62	Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary). Engravers. Machinists. Mechanics (not otherwise specified). Painters, glaziers, and varnishers (building). Timmiths and sheet-metal workers. Toolmakers and die setters and sinkers. Other skilled trades.	124 21 160 29	173 1, 168 124 21 159 29 261 351 21 13	31	136 951 111 16 134 22 215 291 17 6	29	33 210 13 5 25 7 41 58 4 7				1	
63 64 65 66 67 68 69 70	Chauffeurs and truck and tractor drivers Draymen and teamsters. Guards, watchmen, and doorkeepers Inspectors Janitors. Laborers Painters, glaziers, and varnishers (factory) Porters All other occupations	256 29 36 30 35 794 23 44 5,885	256 28 36 25 31 789 22 44 5,471	1 5 4 5 1	218 22 26 22 19 637 19 12 4,860	1 5 2 3 1	25 5 7 3 7 82 3 7 464	1 2 32	13 1 2 4 65 25 134			
72	Banking and brokerage	624, 783	459, 054	165,729	409, 130	156, 129	40, 206	8, 627	8, 534	749	1, 184	224
73 74 75 76 77 78	Bankers and bank officials. Commercial brokers and commission men Loan brokers and pawnbrokers. Stock brokers. Brokers not specified and promoters. Foremen and overseers.	93, 358 23, 638 13, 562 70, 950 19, 998 245	87, 429 23, 352 12, 930 69, 157 19, 444 189	5, 927 286 632 1, 793 554 56	81, 963 20, 031 11, 545 63, 356 17, 363 150	5, 706 267 590 1, 679 504 51	5, 250 3, 140 1, 321 5, 645 1, 958 34	202 19 41 107 48 5	68 21 36 90 34 3	12 5 1	148 160 28 66 89 2	7

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

COMMUNICATION—Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

10 TO 1	7 YEARS LD .	18 AN YEARS		20 TO 24 OL		25 TO 34 OL		35 TO 44 OI		45 TO 54 OI		55 TO 64 OL		65 TO 74 OL		75 YE AND C	IARS OVER	AGUNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fo- male	Male	Fe- male	Male	Fe- male
1 6 3 1 1 1 1 1 1 1	19	1 2 3 11 2 4 4 2 4 40 2 2 1 1 1 1 3 3 3 3 3 3 1 1 1 1 1 1 1 1	5 96	1 8 21 27 1 1 22 2 2 10 24 8 8 24 3 1 1 1 153 17 7 5 3 3 11 127 43 8 7	4 1 2 2 4 1 1	8 40 32 25 2 3 3 2 2 4 4 3 3 17 55 31 10 830 277 273 119 5 5 14	2 0 0 5	80 28 22 29 5 3 3 4 15 6 7 56 24 30 2 2 3 8 12 2 5 8 12 5 73 301 87 87 87 87 87 87 87 87 87 87 87 87 87	2	1 8 19 20 20 20 21 21 21 21 22 8 8 21 1 22 2 2 2 2 2 2	2 1 10 	1 0 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6	2 3 4 1 14 15 8 29 7 2 5	i	1 7 2 2 2 1		1	

#### TRADE

											1								(	
929	538	1, 404	1, 628	5, 940	4, 918	15, 085	5, 207	13, 221	2, 116	7, 692	793	3, 570	284	1, 028	51	129	7	47	18	27
		6	1	94 414 18	5 89 8	832 2,040 79	58 236 5	1, 214 2, 152 101	75 158 7	841 1, 152 41	87 65 5	399 418 35	15 20 2	9 89 80	4 5 1	12 11	1	3 4 1	î	28 29 30
		i	2	1 14 5	8 2	26 9 4	9 1	3 20 6 8	<u>4</u> 2	2 14 2 4		11 3		1 2	1	1				31 32 33 34
2		7		$\begin{array}{c}1\\21\\7\end{array}$	1	34 20	2	38 24		15 16	2 1	4 8		1 3				1		3 <i>5</i> 36
64	i	8 304	62	2, 480 34	14 414 1	236 7, 756 69	872 11	6, 699 51	40 560 7	3,641 35	10 257 2	38 1,652 16	72 72 1	10 472 7	1 17	59 1	2	25	1	37 38 39
10 3 238	29 154	34 4 452	116 2 424	121 15 927	341 2 1,422	140 39 709	446 11 1,498	51 62 33 301	192 11 563	35 33 156	60 11 197	21 23 103	13 1 63	8 6 51	2 1 7	1 3	i	2	<del>-</del> 6	40 41 42 43
4	2	- 4 5	1 1	13 <i>5</i> 2 1	8 7	16 298 15 5	9 13 1	8 319 7	3 9 1	248 4 6	3 6 1	10 129 5	1 2	33 1 2	2	4				44 45 46
228 7	13 9	83 13 1 20	8 18	25 34 12 42 44	89 4	17 28 24 50	78 3 2	2 4 12 13	28 4	3 7 17	3 2	3 2 7	2	<u>2</u>	2					47
15 10	280	23	931	44	2, 386	50	1, 794	27 1	386	 	101	<u>4</u>	20		2		1	2	3	49 50 51
26		$\frac{4}{67}$	2	21 251 19	12	55 372 61	7	35 262 32	4	39 117 10	4	13 57 1	2	6 14		2 				52 53 54 55 56 57
		4 3		33 4		48 6	1 	9 46 8		5 18 2		5 5 18		4 1 3		î 1				58
5		9 15		44 74 2		88 127 7		70 77 6		28 30 3 4		13 3		10						60 61
9		16		1 53	2	4 89		60		2 22		3 6		1 1						62 63
1		1 <u>1</u>	i	6 3 4	2	6 2 7	1 1	3 5		8 9 4		11 2 0	1	6 2 10						64 65 66 67
37 1	i	50	2	146 4	2	225 6 10		148 4 9	3	110 3 8		50 1 11		20 2		2		1		68 69 70
267	48	264	57	805	98	1, 510	103	1,143	58	840	26	459	16	147	6	28	2	8	160	71
10,833	3, 805	25, 077	16, 441	77, 143	54, 885	124, 149	57, 174	95, 129	22, 036	66, 236	8, 273	40, 230	2,451	16, 736	448	3, 157	57	364	159	72
		54 29 332 133		3, 431 540 655 5, 107 1, 324	977 19 58 120 41	20, 231 4, 058 3, 649 21, 111 4, 584 34	2, 161 59 178 511 149 12	25, 724 6, 933 3, 433 20, 648 5, 524 48	1,568 90 185 599 168	18, 977 6, 284 2, 639 13, 311 4, 374 47	857 65 136 371 122 10	12, 247 3, 789 1, 650 6, 400 2, 433 28		5, 408 1, 446 709 1, 927 896 16	50 13 17 39 18 1	1, 346 233 157 248 143 3	6 2 2 5 6	65 15 9 73 33	1 3 1	73 74 75 76 77 78

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

		[In this tab			NATIVE '		FOREIGN WHI	-BORN	negi	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1 2 3 4 5 6 7 8 9	Banking and brokerage—Continued.  Civil engineers and surveyors Draftsmen Electrical engineers Lawyors Mechanical engineers 1 Mining engineers 2 Photographers Social and welfare workers Trained nurses Other professional pursuits	136 85 49 1,707 74 11 12 6 43 28	136 84 49 1,659 74 11 9 2 4	3 48 3 4 39 2	120 67 45 1, 572 66 11 8 2 3	3 3 3 30 2	16 17 4 85 8 1	1 9			2	
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	Accountants and auditors.  Advertising agents Agents (not elsewhere classified) Bookkeepers and cashiers Canvassers Clerks Colletors Commercial travelers Credit men Massenger, errand, and office boys and girls Office appliance operators Purohasing agents Salesmen and saleswomen Shipping clerks Stenographers and typists Weighers Other clerical pursuits	14, 447 383 4, 270 71, 937 938 193, 821 2, 593 614 1, 762 16, 762 1, 693 324 1, 972 240 57, 969 81 81	13, 338 335 4, 020 35, 753 571 130, 380 2, 492 007 1, 608 16, 485 311 292 1, 682 1, 682 80	1, 109 48 244 36, 184 63 57, 435 101 7 84 277 1, 382 32 49 12 56, 287 1	11, 826 317 3, 680 33, 444 509 125, 559 2, 300 1, 581 14, 190 267 1, 648 190 1, 574 71	1,055 46 229 34,429 63 54,513 97 79 250 1,306 27 43 12 53,497	1, 478 18 287 2, 163 60 10, 134 148 34 1, 248 21 23 204 25 81 8 3	52 2 14 1, 660 2, 792 2 5 19 75 5 6	18 40 38 2 401 1,016 3 2 2 2 13 6 1		21 19 108 202 35 1 22 1 0 21	2 44 52 1 1 1
28 20 30 31 32 33 34 35 36 37	Cabinetmakers Carpenters. Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary) Engravers Machinists. Mechanics (not otherwise specified) Painters, glaziers, and varnishers (building) Plumbors and gas and steam fitters Other skilled trades.	13 196 233 303 707 12 55 803 62 24 21	13 196 213 303 707 12 55 303 62 24 21	20	6 125 179 239 512 10 40 236 38 16 18	17.	7 67 31 59 185 1 15 60 22 8	3	2 5 10 7 2			
39 40 41 42 43 44 45 46 47 48 49 50	Charwomen and cleaners Chauffeurs and truck and tractor drivers Draymen, teamsters, and carriage drivers Elevator tenders Firemen Guards, watchmen, and doorkeepers Housekeepers and stewards Janitors Laborers Operatives (not otherwise specified) Policemen Porters All other occupations	964 1, 134 80 1, 913 233 6, 724 169 10, 675 1, 612 482 1, 756 3, 313 23	91 1, 133 80 1, 364 233 6, 661 9, 449 1, 591 682 1, 752 3, 311	873 1 	41 897 61 821 122 4,583 8 3,625 962 549 1,221 434 17	282 1 385 54 98 602 14 135 3 1	37 106 12 280 66 1,873 8 2,222 311 98 498 670 6	468 	12 111 6 255 45 195 3 3,524 294 32 2,194	5	1 10 18 10 78 24 3 1 13	10
52	Grain elevators	31, 124	29, 045	2, 079	24, 474	1,936	3, 579	122	900		92	12
53 54 55	Owners, operators, and proprietors	1,704 7,801 800	1,702 7,782 791	2 19 9	1,569 7,134 655	10 8	133 645 121		14			1
56 57 58 59 60 61 62	Chemists. Civil engineers and surveyors. Draftsmen. Electrical engineers. Lawyers. Mechanical engineers. Other professional pursuits.	15 12 24 20 13 14 2	14 12 24 20 13 14	1	13 10 22 19 12 11	1	1 2 2 1 1 3					
63 64 65 66 67 68 69 70 71 72 73 74 75	Accountants and auditors. Agents (not elsewhere classified) Bookkeepers and cashiers. Canvassers. Clerks. Collectors. Commercial travelers. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Salesmen and saleswomen. Shipping olerks. Stenographers and typists. Weighers. Weighers.	22 2, 203 207 50 579 448	153 320 898 27 688 11 45 33 	6 3 823 1 130 2 7 22 5 5 2	140 268 853 25 637 10 42 32 	5 3 807 1 124 2 6 21 3 2 528 1 1	13 51 44 2 44 1 3 1 	16 4	4	1	1 1	
78 79 80 81 82 83 84 85 86 87	Blacksmiths Carpenters Coopers Cranemon, derrickmen, hoistmen, etc Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Millwrights Other skilled trades	17 142 23 36 100 273	17 142 23 36 100 273 228 214 206 33		8 103 14 27 85 218 174 190 148 20		15 53 48 22		2 3 2 1			

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

<sup>1</sup> Includes, also, chemical and metallurgical engineers.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

May include some vault custodians.

10 TO 13 OI	YEARS .D	18 AT YEAR	ND 19 S OLD	20 TO 24	YEARS LD	25 TO 34 OL		35 TO 44 OI		45 TO 59	YEARS	55 TO 64 OL			YEARS	75 YI AND	EARS OVER	UNKN	E OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
		3		14 22 5 85 3	1	33 34 20 648 11 2	22	41 15 13 432 36 4	13	33 5 10 285 16 3	8	9 3 1 152 6	2	6 2 46 1 2		10		1	
				4	2 1	13	10 10	1 1 6	2 13	1 1	2 9	1 1	4	ī	ī	1			
1 3 467 4, 685	1 556 1,390	161 5 48 3, 121 4 15, 178	61 2 10 3, 215 2 5, 361	1,898 40 542 13,338 57 43,958	237 10 52 12, 336 3 17, 627	5, 191 113 1, 325 11, 438 43, 385 827 186 943 943 687 59	435 15 96 13, 184 9 20, 944	3, 477 111 966 3, 995 186 15, 943 449	238 14 53 4,745 21 8,169 23	1, 647 46 620 1, 920 93 7, 439 306	103 6 24 1,648 17 2,972 13 1	690 16 368 998 67 3,983 161 60 33 989	32 1 5 418 9 768 7	230 2 128 378 23 1,491	3 42 2 134	33 1 23 78 8 233 15	5	11 3 20 91	35 59
5, 256 30	109 65	110 4 18 4, 912 71 4 27	1 60 220	30 244 2,528 114 19	17 19 56 522 1 7	99 560	20, 944 83 1 37 18 465 11	315 627 16 85 468	28 5 21 21 102 9 14	125 101 948 12 48	7 8 13	6 25 195	7 1 2 1 3 4	89 14 12 476 3 10	1	15 1 1 59	2	1 1 1 3	
75 2	1, 635	315	7, 391	42 687 7 5	22, 473	64 389 18 8	18, 262	46 128 19 6	5, 023	36 59 20 4	1, 178	16 20 10 1	246	5 8 3	28	1 1	3		48
6		19 4 2 1	4	2 7 57 28 22 2	6	32 55 114 107 3 17	7	3 48 37 81 195 3 12	2	56 26 51 192 2	1	2 88 10 19 125 1		18 3 6 51		1		1 1	
		5 1 1		38 6 2 3		76 13 3 4		84 18 5 5		55 13 9 3		34 9 3 4		9 3 1 1		2			
4 16 1 56	29	2 47 3 102 4 8	70 70	7 216 4 281 15 100 1	31 158 9	24 456 26 292 31 521 4 1,046	129 160	17 270 25 186 55 970 2	874  81 	23 107 11 130 63 1,656	201 39 15 52 370	10 19 6 153 45 1,996	90 11 11 42 192	3 2 4 131 17 1,228	35  1 9	33 2 173	7	1 7	1
82 45 36 31 4	2 2 10	114 92 67 57	6 2 16	275 218 142 29 278 3	35 4 41 1	1, 046 335 155 156 770 4	173 6 53 1 2	1, 716 339 97 308 818 4	301 4 27	2, 331 309 86 509 774	370 3 6	2, 180 174 72 531 426	192 6 2	1,429 71 24 205 124	51	283 7 3 13 24	6 1	13 1 1 9	
140	73	537	187	2, 399	513	6, 803	591	7,714	393	6, 689	199	3, 832	88	1, 285	31	126	8	20	6
		19 4		11 214 32	<u>2</u>	1, 404 1, 404 167	4 3	2, 357 258	4	539 2, 145 196	1 6 4	366 1, 255 98	1 3 1	165 353 31		24 20 4		2 6 1	
				2 1 4 2 1	1	7 4 9 7 3 3	1	3 9 6 4 5		1 1 2 4 4 2		1 2 1 1 3		1 1		********			
5	8	4 35 1 60	68	7 10 188 1 137	2 217 26	295 4 197	257 1 43	49 98 169 12 129	1 179 29	29 76 114 5 88	71 8	20 43 69 4 38	21 4	9 9 19 24	ī	1 4 2			<u>i</u>
10		12	1 1	3 8 85	3 9	409	11	16 1 613	1 1 1 2	1 12 622	1	2 8 1 337	2	1 1 1 112 10	I	11	i	6	
1	14	4 2 8 2	58	23 9 8 23 1	192	59   14   7   104   1	189	56 16 3 111 2	75	36 6 2 110 1	21 1	17 1 75		16 1	1	6			
		1 1 4		14		37 3 10 32		43 12 15 34		3 27 6 8 12		15 2 1 7		2 4 2 26		1 1			
		1 5 2 1		6 13 23 8		37 51 77 21 8		57 70 78 62 7		76 49 24 66		80		6 2 16 2		2			

Includes hostesses and matrons.

Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRADE-

<b></b>		[In this tat	ole, the occu	pations of	each indus	try are pr	esented in	n most ca	ses in five i	groups: P	roprietary	, official,
	AND COMPANY OF	Total	Male	Female	NATIVE	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	10111	Maio	remare	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Grain elevators—Continued.											
1	Chauffeurs and truck and tractor drivers	774	774		695		33		40		6	
2 3	Draymen and teamsters Firemen	85 103	85 103		53 61		15 36		17 6			
4 5	Firemen Guards, watchmen, and doorkeepers Inspectors Janitors	222 558	222 550	8	134 495	5	81 54	3	7			
6 7	Janitors	9, 212	9, 141	71	7, 019	1 54	1, 357	15	692		73	2
8 9	Laborers. Oilers of machinery All other occupations.	122 1,686	1, 272	414	63 993	341	58 184	57	93	8-	1 2	8
10	Insurance	507, 299	338, 508	168, 791	292, 431	157, 210	38, 241	8,756	7, 211	2, 728	625	97
11	Managers and officials	29, 308	27, 556	1, 752	24, 433	1, 662	2, 613	77	499	12	11	· 1
12 13	Chemists	50 1, 141	42 1, 141	8	37 1,048	. 7	. 5 93	1				
14 15	Designers Draftsmen	1, 141	1, 141	3 44	1,048	2 43	1 16	1				
16 17	Electrical engineers	71 1,724	71 1, 694	30	62 1,613	28	79		2			
18 19	Mechanical engineers <sup>1</sup> Mining engineers <sup>2</sup> Photographers Social and welfare workers	594 15	594 15		519		75 2					
20 21	Photographers	67	47	20	13 42	20	5	2				
22	Trained nurses	18 421	3 6	15 415	1 5	13 345	1	52	1	18		
23	Accountants and auditors	6, 968	5, 950	1, 018	5, 296	973	616	40	86	4	2	1
24 25 26	Agonts: Advertising agents Insurance agents Purchasing agents. Agents (not elsewhere classified) <sup>1</sup> Bookkeepers and cashiers. Canvassers <sup>1</sup> Clerks. Collectors Commercial travelers <sup>4</sup> Credit me	256, 927 176	113 243, 974 164	17 12, 953 12	208, 592 148	16 11, 087 12	29, 634 14	704	5, 200 2	1, 086	548	16
25 26 27 28 29	Agents (not elsewhere classified) 3	2, 054 26, 565	1, 976 7, 931	78 18, 634	1, 813 7, 276	69 17, 390	154 500	7 984	61 61	2 253	3 4	7
29 30	Canvassers 1	90, 428	32 34, 442	55, 986	31, 770	52, 273	2,384	3, 166	1 259	534		13
31 32	Collectors	90, 428 5, 385 200	5, 133 193	252	3, 687 174	112	877 16	8	548 2	131	29 21 1	1
33 34	Credit men	134 1,703	127 1, 503	7 200	118 1, 309	7 183	9 76	7	<u>-</u>	9		
35 36	Oriedit men. Messenger, errand, and office boys and girls. Office appliance operators. Shipping clerks.	1,668 118	202 110	1, 466	183 89	1, 380	15 14	80	4 7	ă 4		2
37 38	Stenographers and typists Other clerical pursuits	76, 451 10	1, 249 5	75, 202 5	1, 186 5	71, 164	46	3, 349	16	636	1	53
39 40	Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary). Machinists.	79 66 <b>2</b>	79 626	36	43 546	34	35 76	2	1 4			
41 42	Electricians Engineers (stationary)	179 351	179 351		151 311		76 28 38 9		2			
43 44	Machinists Mechanics (not otherwise specified)	$\frac{21}{372}$	21 372		. 11 302		68		1 2			
45 46	Mechanics (not otherwise specified) Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters.	32 17 28	32 17		23 12		9 5					
47 48	Other skilled trades	28 212	28 28	184	22 9	47	6 15	127	2	10		
49 50	Charwomen and cleaners.  Chauffeurs and truck and tractor drivers.  Elevators tenders.	129 209	127 185	2 24	102 98	2 15	10 66	3	12 21	6	3	
51 52	Firemen. Guards, watchmen, and doorkeepers. Housekeepers and stewards <sup>5</sup> .	99 509	99 502	7	71 383	2	23 114		5		1	
53 54	Janitors	95 621	518	91 103	1 187	60 47	2 135	28 40	1 196	3 15		1
55 56	Laborers Operatives (not otherwise specified)	215 480	212 276	3 204	123 223	1 191	55 43	11	34 10	$\frac{1}{2}$		1
57 58	Policemen Porters	52 382	52 382		42 95		10 134		.153			
59	All other occupations	22	21	1	14	1	7					
60	Real estate	288, 192	223, 273	64, 919	175, 371	57, 190	43, 159	6, 612	4, 266	945	477	172
61 62	Managers and officials  Civil engineers and surveyors	5, 603	5, 124	479	4, 456	449	643	29	20	1	5	
03 64	Draftsmen Electrical engineers	464 80	464 77	3	423 67	<u>3</u>	40 10		1			
65 66	Lawvers	13 581	13 571	10	13 514	10	51		6			
67	Mechanical engineersOther professional pursuits	48 13	· 11	2	42 7	2	5 3		1		1	
68	Accountants and auditorsAgents:	1, 581	1, 405	176	1, 198	165	203	10	3		1	1
69 70	Advertising agents	109 23	87 22	22	81 20	21	6 2	1				
71 72	Agents (not elsewhere classified)	234, 427 922	203, 119	31, 308	158, 337 816	25, 948 11	40, 826 87	4,784	3, 557	472 1	309	104
78 74	Bookkeepers and cashiers Canvassers	8, 424 106	2, 291 32	6, 133 74	2, 044	5, 615 67	220	426	19	. 82	8	10
75 76	Collectors.	12, 920 1, 352	5, 166 1, 236	7, 754 116	4, 609 983	7, 223 99	450 170	432 9	96 70	87 7	11 13	12
77 78	Commercial travelers Credit men	58	56 34	2 2	49 30	2 2	7					
٠.	Includes, also, all technical angineers not alsowhere	1		- 1		-	*					

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified. <sup>2</sup> Includes, also, chemical and motallurgical engineers. <sup>3</sup> Includes 3 males and 1 female returned as ''sales agents."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

Male   Fig.   Male   Fig.	1 supervisory			20 TO 24	YEARS	25 TO 34	YEARS	35 TO 44	YEARS	45 TO 54	YEARS	55 TO 64 OL:		65 TO 74 OL	YEARS	75 YE	ARS VER	AG UNKN	EOWN	===
3	OLD	YEARS	Fe-		Fe-				Fe-		Fe-	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
4 1 287       1,287       1,283       4,184       7,883       11,391       35,099       14,318       56,001       13,616       58,776       11,319       42,403       6,382       16,389       2,036       3,231       294       184       92	3	18 AN YEARS  Male  30 3  - 5 1  275  43 7,688  - 11  - 17  - 55  - 1,060  1,060  1,18  5,05  40  60  21  73  21  6	10 10 10 10 10 10 10 10 10 10 10 10 10 1	20 TO 24 OLI  Male  140 5 2 4 66 1, 102 8 134 33, 261 520 4 83 1 1 33 1 1 10, 307 22 288 2, 310 10, 906 11, 102 11 11 11 13 33 84 12 11 13 11 13 11 13 11 13 13 14 12 15 15 11 11 11 11 13 13 14 12 15 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	Te-male  Fe-male  16  45  59,539  105  1,098  2,0  3,38  245  4,098  2,0  5,770  11,0,600  32,7  12,0  13,73  11,73  12,0  13,73  14,73  15,0  16,0  17,1  17,0  18,1  18,1  18,1  18,1  18,1	25 TO 34 OLD	Fe-male    Fe-male	35 TO 44 OL  Male  178 18 21 173 2, 213 317 90, 209 9, 478 14 477 211 11 11 11 11 11 11 11 11 11 11 11 11	YEARS D  Female  Female  100  800  19,076  521  100  80  19,076  521  11  14  4  21  77  88  50  177  77  77  88  60  77  77  70  88  77  70  88  77  70  88  70  88  70  88  70  88  70  88  88	45 TO 54 OL.  Male  92 22 44 80 3 1, 843 26 6, 367 6 176 28 12 3 4 4 9 10 22 3 3 3 7 7 2 2 2 3 3 3 1 2 7 2 7 -	YEARS D  Fe-male  1 9 73 8, 257 330 8, 257 8 11 5 13 4 4 0 1, 4 6 1, 4 6	55 TO 84 OL.  Male  30 19 23 73 63 63 63 63 63 63 63 64 4 47 60 26,1-4 4 2 13 11 1.58 62 1 1.3562 1 1 1.3562 1 1 1.3562 1 1 1.3562 1 1 1.358	Fe-malo  1 3 47  8, 221  130  3 47  8, 221  130  3 47  144  1, 40  188  3 50  5 77  1 81  111  11  27  4 6 0  20  3 4  3 50  6 2  20  3 4  3 50  6 2  20  7 7 7 7 8  7 8 7 8  8 8 8 8 8 8 8 8 8	Male  2 3 6 6 6 24 4 8 300 12 991 12 910 991 16 16 17 17 18 10 17 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Fe-male  1 1 26 638 20 11 55 40 55 638 30 11 15 40 61 15 15 40 61 15 16 61 17 11 18 18 19 11 18 11 18 18 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	AND C  Male  1	Te-male  Fe-male  2  70  4  1  2  70  4  1  2  1  2  1  3  2  1  3  3  3  3  4  1  2  1  3  6  6  6  6  6  6  6  7  8  8  8  8  8  8  8  8  8  8  8  8	UNKN Male  5 263 117 14 14 14 14 17 18 204	Fe-male  185  7  185  7  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 4 4 5 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 5 26 27 28 29 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4

<sup>4</sup> Many of these probably are insurance agents. 5 Includes hostesses and matrons.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TOTAL A YORK

==				- Pariotis o	i each inqu	sary are pr	esented 1	n most (	ases in nve	groups: P	roprietar	y, omeia
	INDUSTRY AND OCCUPATION	Total	Male	Female	NATIVE	WHITE	FOREIG WII	N-BORN ITE	NEC	PRO	OTHER	RACES
					Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Real estate—Continued.								-			<del> </del> -
1 2 3 4	Messonger, errand, and office boys and girls. Office appliance operators. Stenographers and typists. Other clerical pursuits.	419 34 19,012 4	343 4 444 3	76 30 18, 568	283 4 399 3	64 27 17, 404	24 30	4 2 864	30	6 261	6	2 1 39
5 7 8 9	Compositors, linotypers, and typesetters Engineers (stationary) Machinists Mechanics (not otherwise specified)	10 183 13 219	9 183 13 219	1	6 112 11 159	1	2 60 1 43		1 11 1 17		*********	
10	Other skilled trades.  Charwomen and cleaners. Chauffeurs and truck and tractor drivers. Draymen and teamsters Elevator tenders.	23 40 373 37	23 9 370 37	31 3	22 4 273 28	4 3	2 32 5	17	3 56 4	10	1 9	
12 13 14 15 16 17 18	Guards, watchmen, and doorkeepers. Housekeepers and stewards <sup>1</sup> Janitors	78 39 160 48 525	72 39 160 4 465	6 44 60	40 23 89 4 157	39 26	23 12 44 109	3 20	9 4 24	3 1 13	3	1
19	Porters All other occupations	192 23	191 23	1	19 16		37 6		135	1	10	
20 21	Stockyards 1 = = = = = = = = = = = = = = = = = =	17,763	17, 220	548	10, 987	502	3, 480	33	2, 280	8	493	
22 23 24	Civil engineers and surveyors. Other professional pursuits.	623	623		491 12		116		15		i	
25	1	17 92 73	17 91 73	1	14   79	1	3 12					
26 27 28 29 30	Accountants and auditors. Agents (not elsewhere classified). Bookkeepers and cashiers. Clanvassers. Clorks.	455 25 1,084	365 25 961	90	67 350 23 860	83	5 15 2 90	7	1			
31 32 33	Commercial travelers Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents Salesmen and saleswomen	40 76 30 531	40 76 4 529	26	37 70 4 492	23	3 3	3 1	3			
34 35 36 37 38	Salesmen and saleswomen Shipping clerks. Stenographers and typists Weighers. Other clerical pursuits	2, 358 88 291 397 16	2, 350 86 27 389	204 8	2, 219 62 26 356 14	255 3	120 14 1 29	1 9 3	1 7 10	2	4	
39 40 41	Blacksmiths. Carpenters Electricians. Engineers (stationary).	27 246 55	27 246 55		22 129 49		5 115 5		1			
42 43 44 45	Wiachinists	55 68 42 35	55 68 42		43 26 20		11 33 13		1 7 9		2	
46 47 48 49	Millwrights. Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters. Tinsmiths and sheet metal workers. Other skilled trades.	15 84 19 12	15 84 19		7 6 51 10		26   - 7   - 23   - 9   -		2			
50 51 52	Chauffeurs and truck and tractor drivers. Draymen and teamsters. Elevator tenders.	310 109 43	310 109		245 73		37 32		27		1 .	
53 54 55 56	Firemen Guards, watchmen, and doorkeepers Inspectors. Janitors.	55 252 299	43 55 251 298	1 1	9 17 153 267	1	22 19 - 88 - 20		12 18 9 11		1	
57 58 59	Laborers Policemen Porters All other occupations	8, 735 43 23	8, 733 43 23	6 2	3, 941 23	2	2, 340 19	3	1, 982 1	3	470	
60	All other occupations.	509	501	8	287	3	132	ã	22 74	2	8	
62 63	Owners, operators, and proprietors  Menagers and officials.  Foremen and overseers	1, 456 5, 933	1, 434	5,932	1, 260	5, 145	163	527	6, 182	194	455	66
64 65 66	Chemical engineers	3, 292	5, 893 3, 259	40 33	5, 415 2, 727	36 30	469 481	3	8  -		10	
67 68 69	Chemists. Clyl engineers and surveyors. Draftsmen Electrical ongineers.	16 39 24	16 39 24		12 34 22		4					
70 71	Other professional pursuits	57 307 8	307 6	2	257 6	1	50	1	1			
72 73 74 75	Accountants and auditors_ Agents (not elsewhere classified)	332 184 2, 334	308 181 1,370	24 3 964	285 166 1, 281	22 3 907	22 14 86	2 56	1		1	
76 77 78	Clerks Collectors Commercial travelers	6,570 32 58	5, 557 28 58	1,013	4, 649 26	926	751	72	124	12	33	3
79	Credit menIncludes hostesses and matrons, Sometimes it was impossible, from the enumerators' ret	16	16		50		8					

<sup>1</sup> Includes noscesses and matrons.
2 Sometimes it was impossible, from the enumerators' returns, to distinguish between workers in stockyards and workers in slaughter and packing houses.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

Continued

	YEARS LD	18 AN YEAR	ID 19 S OLD	20 TO 24 OL	YEARS D	25 TO 34 OLI	YEARS D	35 TO 44 OL	YEARS	45 TO 54	YEARS	55 TO 64 OL	YEARS D	65 TO 74	YEARS	75 YI AND (	EARS OVER	UNKN	e own
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
197 26	14 894	77 72	20 4 2,970	37 1 156	17 11 6, 998	7 1 120	13 14 5, 229	7 1 37	8 1 1,790	6 1 18	2 540	4	$\frac{1}{122}$	4 3 1	1 13	4			12
		2		1 5 16	1	3 37 5 48	1	1 2 49 1 02		2 56 5 44		1 26 2 34		9 12		i i			
1 5 1 2		1 23 1 4	1	1 75 3 9	1	8 3 140 7 21 4	3 2	79 5 6	10 1	5 1 31 7 14 9	12	1 12 10 9 4	4	1 4 3 6 5	1	1			
3 4 2		1 1 3 5		5 6 24 20 2	1 3	74 51 8	6 12	12 16 1 121 39 1	14 19	36 1 108 40 5	12 12 12	83 21 4	7 11	35 1 36 10	3 3	13 1 1	1		
807	24	542	57	1, 895	162	4, 008	181	4, 523	86	3, 322	23	1, 857	7	672	3	80		14	
		2 1		6 32		55 126		135 168	1	116 148		66 102		37 44		2 2		1	
				1 2		2 5		3 5		5 4		2 1							
1 1	i	1 1 10	7	4 4 66	20	25 9 122 7 280	34 40	29 24 96 9	22	15 22 38 4 93	6	14 5 21 3 66		3 7 8 1 27	1	3 1		1	
34 53	10	73 1 13	15	205 2 5	35	280 8		179 13 1 2	2	11 2		5 2							
2 8 2	12	3 12 2 1	1 1 31	32 109 15 12 50	9  02	119 531 20 7	14 1 3 84 2	143 731 20 6	<u>2</u> <u>34</u>	117 511 16	1 7	78 320 11	'2 4	29 113	1 1	8 10		5	
2 	1	16	2	59	2	4	2	79 6	1	59 4		1		18					
		1 1 1 1		12 16 2 6 2		5 35 13 9 17		51 12 10 18 13		10 79 10 16 16		40 3 14 7 3		16 1 2 3 1		1 1		1	
		1 3 1		1 16 2 2	 	4 5 17 3		12 3 25 5 1		11 3 12 4 3		6 2 10 3 2		2 1 2					
6 1		21 2 1		64 14 4 3		94 21 9 14		70 24 14 15		32 33 11 14 63		19 12 4 7		$\begin{array}{c} 4 \\ 2 \\ 2 \\ 46 \end{array}$		10			
1 181		2 2 4 336		1,119 2 1,119 2	1	33 11 2, 138 5	1	42 75 15 2,326 9	3 1	63 82 22 1, 624 10	1 1	71 23 748 10 2	1	20 12 231 7 5		5 1 25		5	
15		27		54	2	115	1	126	5	89		48	500	27	55	266	5	58	
794	426	1,729	713	6,784	1, 572	13,986		12, 643	961	9, 596	473	5, 632 321	202 5	1,974 129 226	5	19 29		4 5	 1
		13 16	i	273 200	3	168 1,434 884	10 12	390 1, 791 927	10 10	383 1,324 740	10 4	798 386 2	4 2	97	1	8		ĭ	
		3		8 3 2 5 15		4 3 9 11 11 84		2 4 13 7 19 96		2 1 9 1 13 73		5 6 30		1 9		2			
13	13	4 4 48 1		27 5 240 18	2 271	115 54 462 46	8 342	95 70 292 52	7 2 182	37 25 178 28	5 1 71	22 15 100 18	16	7 7 32 3	1	1 1 3 1 16	1	2	1
132	54 1	348 3	146	1, 126 4 6 2	309	1, 693 9 21 6	301	1,072 3 12 6	137	659 3 11 2	44	2	20	122 4 1		10			

Included, in other occupation tables, in the group "Mining engineers." Includes, also, all technical engineers not elsewhere classified.

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRADE--

					NATIVE '	WHITE	FOREIGI WH		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Warehouses and cold storage plants—Contd.  Messenger, errand, and office boys and girls	102	91	11	82	11	2	****	. 7			
2 3 4 5 6 7 8	Office appliance operators. Purchasing agents Salesmen and saleswomen Shipping clerks Stenographers and typists. Weighers. Other clerical pursuits.	90 89 382 1,800 1,438 272 10	10 89 376 1, 870 88 268	80 6 20 1, 350 4 1	8 80 337 1, 443 83 240 9	78 6 20 1, 284 2 1	2 9 31 857 4 12	60	6 62 1 16	4	2	
9 10 11 12 13 14 15 16 17 18 19 20 21 22	Blacksmiths. Cabinetmakers Carpenters. Corperters. Coopers. Cranemen, derrickmen, holstmen, etc. Electricians. Engineers (stationary). Machinists. Mechanics (not otherwise specified). Millwrights. Painters, glaziers, and varnishers (building). Plumbers and gas and steam fitters. Tinsmiths and sheet metal workers. Other skilled trades.	29 54 229 63 30 204 1,187 233 370 16 20 114 15	29 54 229 63 30 204 1, 187 233 370 16 26 114 15	2	19 21 158 26 19 172 935 162 304 11 19 88 12	2	9 32 62 23 9 30 242 68 59 3 4 25 29		8 14 2 1		1 1 1 3 1	
23 24 25 26 27 28 29 30 31 32 33 34	Chauffeurs and truck and tractor drivers Draymen and teamsters Elevator tenders Firemen Guards, watchmen, and doorkeepers Inspectors Janitors Laborers Oilers of machinery Painters, glaziers, and varnishers (factory) Porters All other occupations	3, 488 443 237 265 1, 724 506 391 18, 699 52 34 554 5, 282	3, 488 443 230 265 1, 716 419 376 18, 205 52 34 553 3, 541	7 8 87 15 494 	2, 485 290 120 144 1, 140 263 144 10, 180 37 21 76 2, 458	4 77 7 380	270 54 77 98 454 57 115 3, 730 15 10 159 725	1 2 7 4 50	704 98 322 23 100 98 111 4,033 2 316 338	2 3 4 48 	23 1 22 1 6 312 1 2 20	16
35	WHOLESALE AND RETAIL TRADE  Automobile agencies, stores, and filling stations.	498, 350	465, 393	32, 957	420, 048	31, 209	31, 806	1, 574	11,990	121	1, 549	58
36 37	Retail dealers, automobiles and accessories	61, 507 89, 190	60, 991 87, 095	516 2,095	54, 829 78, 921	466 1,869	5, 979 7, 539	46 192	108 334	3 25	75 301	1 9
38 39 40 41	Electrical engineers. Lawyers. Mechanical engineers. Other professional pursuits.	16 17 38 28	16 15 38 28	2	14 14 34 24	2	2 4 4				1	
42 48 44 45 46 47 48 49 50 51 55 56 57	Accountants and auditors. Advertising agents. Agents (not elsewhere classified). Bookkeepers and cashiers. Clarks. Collerks. Collectors. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents ! Sales agents ! Sales agents. Sales pen and saleswomen. Shipping clerks. Stenographers and typists. Other elerical pursuits.	2, 913 147 1, 123 18, 503 61 16, 178 820 852 223 197 274 149 240, 678 708 11, 669	2, 678 139 1, 117 7, 546 57 11, 822 787 203 10 268 148 237, 787 696 358 26	235 8 6 10, 957 4 4, 356 33 27 22 188 6 1 2, 891 1 2, 11, 311 1	2, 475 132 1, 064 7, 222 51 10, 974 749 782 209 8 241 140 221, 927 641 347 25	226 7 6 10, 502 4 4, 131 32 34 20 180 6 1 2, 652 12 10, 841 1	199 6 49 307 5 755 30 33 5 1 27 7 13,480 41	9 1 431 217 1 8 1 7	1 1 3 2 1 58 1 16 1,687 12	12 7 	3 15 35 7 1 	12 1 1 1 17 12
58 59 60 61 62 63 64 65 66 67 68	Blacksmiths Carpenters Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters. Trinsmiths and sheet-metal workers. Upholsterers. Othor skilled trades.	15 144 438 315 1, 125 9, 806 111 115 14 22 34	15 144 438 315 1, 125 9, 806 111 115 14 22 33		9 113 406 283 969 8, 442 87 90 12 17 24	1	6 29 28 29 115 798 22 23 2 5 8		1 2 1 34 517 1 2		1 2 2 7 49 1	
69 70 71 72 73 74 75 76 77	Apprentices Charwomen and cleaners Chauffeurs and truck and tractor drivers Draymen and teamsters Elevator tenders Firemen Guards, watchmen, and doorkeepers Inspectors Janitors Laborers Oilers of machinery	33 31 6, 031 65 52 48 867 140 751 30, 151 2, 450	33 14 6, 012 65 51 48 865 135 739 30, 090	17 19 11 2 5 12 61	28 3 5, 179 54 33 39 639 125 315 20, 253 28	8 18 1 2 5 6 37	2 3 332 3 9 7 166 8 107 1,440	5 1 2 6	2 476 476 7 8 2 301 8,113	4 18	25 1 1 1 6	
	glaziers, and varn shers (factory) ccupations	2, 450 190 13	2, 299 190 6	151	1, 918 154 5	132	152 25 1	14	215 9	5	14 2	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

Continued

10 TO 17 OL		18 AN YEAR:		20 TO 24 OL	YEARS D	25 TO 34 OL	YEARS D	35 TO 44 OL		45 TO 54 OI	YEARS D	55 TO 64 OL		65 TO 74	YEARS	75 YI AND (	DVER	UNEN	e iown	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fo- male	Male	Fe- male	Male	Fe- male	
45 2 1 31 5 3	2 3 1 65	24 2 10 100 16 7	1 14 5 200 1	14 4 6 38 401 35 20	4 33 1 5 540 2	4 1 20 121 531 24 54	26 26 2 4 394	24 88 410 5 60 3	3 4 2 2 2 107 1	1 1 26 66 253 1 56	2 32	2 10 41 116 1 40	1 10	3 9 25		2 2 1 2		1	2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
31		1 1 3 4 3 4 2 2 2 2 106 9		1 5 15 13 27 54 24 51 7 10 1 5		3 77 47 9 10 88 257 51 131 6 31 2 7	1	8 15 69 10 11 49 829 64 100 4 6 34 6 13 852 119		9 15 47 16 4 20 309 60 59 5 26 210		6 9 30 12 1 7 183 25 20 2 2 9 1 1		1 2 16 3 3 47 8 5 5 1 1 1 10 4		1 4 1 1 5 1		4 2		1 1 1 1 1 1 1 1 1 1 2 2 2 2
403	51	2 3 3 5 817 1 11 148	14 46 1 214	43 22 8 26 40 17 2,781 7 50 490	26 66 306	40 51 03 125 44 4,724 17 136 736	2 28 7 90 286	43 81 190 89 63 4,118 13 9 132 764	1 18 4 118 345 4,707	75 50 75 359 89 91 3,174 7 119 708	2 3 1 65 224	38 34 578 48 84 1,607 4 5 76 418	1 2 44 96	22 11 389 19 58 497 20 154	2 1 11 	1 76 4 13 57 3 11	2	2	3	22 22 22 22 23 33 33 33 33 33
8, 299	830	130	3, 350	2, 246 9, 532	10, 017	18, 502 26, 573	154	23, 980 22, 209	180 652	11, 282 14, 993	117	3, 928 9, 021	34 224	807 3, 083	4	72 328		44 40	_	3
1 50 1 425 5 124 1 1 4 772 9 1 4 4 772 8 8 1 1	186 136 136 112 373	1,307  13 2 5 308 11,075 19 2 70 4 5 19,809 65 60 60 60 60 60 60 60 60 60 60 60 60 60	24 4 1 1 803 435 2 1 5 19 1 1 168 1, 795	1 2 2 1 7 8 1 8 1 8 1 8 1 7 1 6 2 2 1 1 7 1 6 2 2 1 7 1 6 2 2 7 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 2 1 7 1 8 1 1 8 1 7 1 7 1 8 1 1 8 1 7 1 8 1 1 8 1 7 1 8 1 8	38 3, 330 1, 441 10 5 11 436 5, 016	8 4 4 4 10 12 1, 123 65 481 1, 2, 875 24 4 14 1 1 109 61 186, 134 212 89 9 1 1 32 186 88 84 450 4, 830 29 9 4 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 00 3 2 4,176 1,543 9 222 3 841 2 842 3,352	6 5 13 3 4 802 38 357 1, 283 157 1, 283 152 100 10 59, 812 2 10 6 39 9 122 88 3267 2, 166 35 35 37	74 1 1,778 3 553 8 6 1 10 2 722 722 1 654	14, 993  1 3 8 8 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	502 28 524 188 4 1 1 405 1 98 1	9, 021  2  08  2  50  279  7  324  722  9  8  9, 134  24  1  1  2  22  22  6  18  35  150  6  6  2	3 1 76 46 1	30 6 98 4 120 20 4 1 2,375 7	1 6 8	33 2 7 1 12 3 3	3 2	2 2 7 7 216	10 4 1 1	3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
1 30 100 2 5 15 2,560	1 4	379 4 6 	1	2 1,390 18 5 8 41 20 61 8,088	4 1 3 12	10 4 2,411 20 8 14 70 52 155 8,217	3 5 1	1, 163 12 12 10 107 29 147 3, 499	7 7 7 	2 432 7 6 5 192 21 140 1,934	3 2 1	2 113 2 8 10 252 4 122 1,030	2 3	23 2 3 163 4 71 420		1 1 26 9 63	î	1 1 1 20	1	8777777777777778

# TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRADE-

					NATIVE	WHITE	FOREIGH WII		NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Malo	Fe- male
	WHOLESALE AND RETAIL TRADE-Con.							* :				
1	Wholesale and retail trade (except automobile).	5, 353, 165	4, 125, 858	1,227,307	8, 110, 301	1, 079, 401	797, 939	123, 722	176, 161	16, 100	41, 457	8,084
2	Wholesale dealers, importers, and exporters Retail dealers:	83, 525	81,837	1,688	58, 221	1, 389	22, 586	290	129	1	901	8
3 4	Books, music, news, and stationery————————————————————————————————————	36, 503 41, 784	32, 909 41, 684	3, 594 100	23, 051 37, 298	2, 936 91	9, 341 4, 078	604 9	369 149	48	148 159	6
5 6	Candy and confectionery Cigars and tobacco Coal and wood	62, 210 19, 952	51,766 19,044	10, 444 908	25, 244 12, 366	6,578 552	25, 307 6, 306	3, 380 321	903 292	430 28 60	312 80 145	56 7 7
8	Department stores	29, 876 19, 361	29, 225 17, 751	1,610	22,510 14,754	522 1,438	4,777 2,941	62 170 4, 646	1, 793 18 410	117	38 850	2 55
10	Dry goods, clothing, and boots and shoes Drugs and medicines (including druggists and pharmacists).	148, 837 104, 727	129, 486 100, 123	19, 351 4, 604	76, 618 85, 273	14, 533 3, 838	51, 602 13, 077	584	1, 314	168	459	14
11 12	Five and ten cent and variety storesFlour and feed.	10, 464 9, 887	9, 035 9, 781	1,429 106	7,389 8,715	1,091 80	1, 587 993	330 22	30 42	7 3	29 31	1
11 12 13 14 15 16 17 18 19	Food (except groceries and hucksters' goods)	239, 436 35, 884	233, 166 34, 019	6, 270 1, 865	132,545 24,552	3,728 1,524	94, 666 9, 169	2, 312 314	3, 329 228	167 22	2, 626 70	63 5 40
15 16	General stores	81, 187 313, 086	76, 011 284, 011	5, 176 29, 075	65,711 188,809	4,406 17,706	8, 885 84, 691	582 8, 979	659 5, 739	148 1,808 4	750 4, 772	582 7
17 18	Hardware, implements, and wagons Hucksters and peddlers Leo	52, 138 56, 610	51, 216 54, 820	922 1,790	43, 085 20, 500	687 489	8, 008 28, 799	733 12	3, 944 772	412	73 1, 577 16	156
19 20	Jewelry	19, 648 23, 864 27, 478	19, 572 22, 976 27, 166	76 888 312	10, 701 15, 705 8, 490	61 717 163	8, 083 7, 034 16, 129	164 91	87 2, 389	3 1 56	150 158	6 2
21 22	Jawelry	94 070	33, 903 13, 769	167 616	31, 192 11, 612	158 558	2, 482 2, 084	8 57	183 . 44		46 20	ī 1
24	Other specified dealers	113, 061 58, 377	101.377	11,684 5,917	73, 423 37, 544	9, 806	26, 570 13, 346	1, 695 1, 545	468 710	114 225	916 860	00 73
21 22 23 24 25 26 27 28	Opticians. Other specified dealers Not specified dealers Employment office keepers. Undertakers. Floorwalkers and foremen in stores	3, 765 34, 132	52, 460 2, 425 32, 192	1,340 1,940	1,743 27,566	4,074 930 1,593	487 1,886	237	114 2, 691	173 255	81 40	2
			27, 928	4,636	23, 151	4, 104	4, 294	497	349	24	134	11
29 30	Chemical engineers 1	29 1, 505	1, 396	109	25 1,124	98	245	10	21	1		
31 32	Civil engineers and surveyors	230 736	230 230	506	199 154	438	73	65	ī	2	2 3	1
31 32 33 34 35 36	Electrical engineers.	657 448 363	646 448 350	11	548 386 324	10	31 73 95 58 24	3	4 2			
36 37	Mechanical engineers 2	433 410	433 286	124	373 233	110	57 44	11	2 6	1	1 3	2
38 39	Designers Draftsmen Electrical engineers Lawyers Mechanical engineers <sup>2</sup> Photographers Social and welfare workers Trained nurses	61 255	13 17	48 238	8 12	42 213	4	21	1	3		<u>-</u>
40	Accountants and auditors	21, 199	18, 286	2, 913 1, 051	16, 217		2, 026	153	4	1	39	1
$\frac{41}{42}$	Advertising agents Agents (not elsewhere classified) Auctioneers	4, 239 10, 772	3, 188 9, 452 4, 277	1,320	2,950 8,462	2,758 1,002 1,188	230 910	47 76	4 45	53	4 35	1
43 44	Auctioneers Bookkeepers and cashiers Canvassers	4, 281 210, 678	4, 277 58, 425	152, 253	3,663 53,027	141, 441	600 4,666	10, 086	11 78	380	654 654	346
45 46	Canvassers. "Clerks" in stores *	18, 845 401, 991	58, 425 12, 220 238, 844	6, 625 163, 147	10, 207 198, 982	5, 549 145, 964	1,600 32,983	14, 136	325 3, 262	1,649	3, 617	19 1, 398
47 48	"Clerks" in stores  Clerks (except "clerks" in stores) Collectors. Commercial travelers.	162, 176 13, 037	91, 639 12, 461 125, 454	70, 537 576	79, 839 10, 985	64, 844 534	10, 142 1, 273	4, 624 28	1, 193	932	465 107	137 4 11
49 50			9, 250 1, 793	2,587 1,175	113, 244 8, 459 1, 544	2,358 1,123 5,217	11, 649 786 171	156 51 381	295 1 73	62 1 137	200 4 5	5
51 52	Messenger, errand, and office boys and girls 4	7, 533 19, 617 6, 823	15, 497 341	5, 740 4, 120 6, 482	12, 899 293	3, 689	952 35	282 346	1, 547 10	126	99 3	23 4
53 54 55	Demonstrators. Messenger, errand, and office boys and girls 4 Office appliance operators. Purchasing agents. Sales agents.	3, 463 3, 177	3, 193 2, 808	270 369	2, 896 2, 548	6, 130 243 326	286 228	27 25	10 2 19	16	13	2
56 57	Salesmen and saleswomen	1, 611, 607 37, 945	1 079 801	531, 806 713	908, 676 30, 359	473, 012 605	155, 737 5, 474	51, 981 65	6, 316 1, 195	3,308 42	9, 072 204	3, 505 1
58 59	Shipping clerks Stenographers and typists Weighers	108, 037 1, 332	37, 232 3, 727 1, 209	104, 310 123	3,475 1,004	98, 142 104	205 164	5, 757 15	16 36	203	31 5	208
60	Blacksmiths	410	410		233		164		13			
61 62	Boiler makers. Brick and stone masons and tile layers.	130 130	41 130		31 94		9 21		1 15			
63 64	Carpenters	5, 515 829	5, 515 745	84	3,768 638 96	76	1, 590 94 74	7	100	ī	57 4	
66 67	Coopers	175 29 645	175 29 645		16 460		8 144		5 5 34			
68 69	Electricians. Engineers (stationary)	6, 517 4, 684	6, 517 4, 684		5, 699 3, 553		741 1,063		61 64		16	
70 71	Engravers	642 1,897	617 1,897	25	495 1,480	21	118 372	4	3 42		4 1 3	
72 73	Machinists Mechanics (not otherwise specified) Millwrights	28, 753 138	28, 750 138	3	24, 996 104	8	3, 208 34		478		68	
74 75	Painters, glaziers, and varnishers (building) Pattern and model makers	3, 063 30	3, 063 29	1	2, 074 22	1	861 7		89		39	
76 77	Plumbers and gas and steam fitters	2, 510 251	2, 510 251		2, 143 177		310 36		46 38		11	
78 79	Tinsmiths and sheet metal workers.  Toolmakers and die setters and sinkers.	1,774 24 21	1,774 24		1,452 18		297 5		22 1		3	
80	Other skilled trades		21		9		9	ll	2	l	1	

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers." <sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued Continued

10 TO 17 OI			ND 19 S OLD	20 TO 24 OI		25 TO 34 OL		35 TO 44 OI		45 TO 56		55 TO 64 OL		65 TO 74	YEARS	75 YI AND (	ARS VER	AG		
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
149, 767	67, 321	168, 671	131, 650	515, 523	292, 730	1, 040, 818	309, 280	960, 349	227, 041	701, 777	133, 849	405, 743	50, 982	155, 755	11, 788	24, 197	1, 402	3, 258	1, 264	1
99.4		202		2, 423	132	16, 542	392	26, 021	519	20, 901	404	11, 374	179	3, 763	50	564	10	47	2	2
234		613 189	65	2, 298 1, 412	309	7, 110 6, 819	754 23	8, 711 10, 864	1, 012 24	7, 289 11, 043	803	4, 335 7, 614	463 12	1, 914 3, 240	160	371 452	28	34 45	2	4
48	30	168 39 88 97 315 528	81 3 3 28 99 52	1, 783 505 751 1, 381 4, 543 9, 691	527 38 18 182 831 602	9, 702 3, 352 4, 682 5, 207 26, 918 30, 218	2, 260 212 90 456 3, 603 1, 387	17, 270 5, 717 7, 887 4, 843 38, 482 26, 462	3, 426 274 177 457 6, 166 1, 124	12, 827 4, 804 7, 576 3, 449 32, 274 18, 291	2, 387 196 206 326 5, 302 860	6, 808 3, 111 5, 290 2, 001 19, 081 10, 426	1,204 129 106 131 2,498 428	2, 696 1, 306 2, 479 674 6, 682 3, 778	435 40 42 25 741 113	424 199 442 84 1,098 642	85 9 8 3 76 26	40 11 30 15 93 87	9 1 2 35 6	1
1, 162 155 1, 089	33 39	116 16 3, 783 46 137 1, 180 54 1, 142 213 33 253 253 42 24 2146 310 290 17 296	13 1 77 2 222 149 6 36 	1, 245 269 17, 329 1, 749 12, 659 3, 040 1, 164 503 1, 148 785 811 4, 019 3, 031 1, 29 2, 219	54 2 302 64 117 925 34 78 3 37 48 4 57 501 290 71	2, 657 1, 490 52, 793 5, 035 11, 516 54, 807 7, 778 8, 613 5, 180 3, 797 3, 843 3, 929 22, 075 11, 845 8, 083 7, 900	216 1, 246 329 711 4, 772 130 215 5 160 57 21 135 1, 978 1, 123 273 318	1, 934 2, 451 68, 526 9, 433 19, 544 78, 972 14, 371 6, 370 6, 627 0, 604 3, 503 30, 603 14, 509 7, 903 7, 943	359 32 2, 076 586 1, 372 9, 104 255 434 20 239 56 43 171 3, 385 1, 819	1, 528 2, 497 51, 220 9, 402 20, 016 69, 272 13, 901 13, 513 4, 197 5, 985 8, 912 2, 662 23, 263 11, 894 571 6, 718	408 31 1, 531 1, 537 7, 776 205 517 248 248 77 49 168 3, 196 1, 468 325 578	1, 041 2, 005 28, 038 5, 809 14, 915 44, 609 9, 532 1, 874 4, 045 5, 772 1, 840 13, 730 330 4, 131 8, 143	258 15 774 1,009 4,550 175 301 18 146 41 33 63 1,898 1,898 151 151	444 886 9, 145 2, 270 6, 791 19, 101 4, 180 3, 826 1, 566 2, 025 2, 425 2, 425 2, 602 3, 019 1, 645	106 8 231 78 339 1,523 50 138 18 18 18 21 570 208 61 775	59 162 1, 052 3, 1276 3, 117 640 754 409 409 409 161 1, 038 522 200 292	15 1 23 11 63 213 6 30 8 7 7 2	11 5 150 17 67 139 43 48 12 29 19 20 8 81 110 2	2 5 6 30 1 2 1 2 1 2 18 21 1 3	11 11 11 11 11 12 22 22 22 22 22 22
8	4	250 37 3 34 	20 1 5	2, 219 3 231 22 27 163 76 13 25 49	978 40 75 3 3 31 31 3 24	7, 900 14 469 75 60 230 167 126 148 83 6	1, 323 38 180 4 3 47 10 77	7, 643 8 327 75 66 113 104 90 148 56 4	1, 093 21 117 2 7 18 11 80	5, 639  2 182 38 36 60 65 72 78 40 1	682 7 87 1 13 15 45	2 101 15 25 27 31 36 24 26 1	236 23 23 	38 38 3 7 9 5 13 9 8	4	9 2	1	14	5	29 30 31 32 33 34 36 37 38 38
23 19 574 176 22, 115 5, 943 101 20 10, 185 27 29, 458 1, 314 222 17	19 4, 903 73 13, 375 5, 829 8 	173 90 1002 22 2, 735 30, 571 10, 339 722 72 78 3, 175 64 30 40, 971 3, 188 662 30	263 42 69 116, 700 128 22, 350 10, 488 33 149 911 1, 072 2 53, 615 116 18, 490 24	2, 035 617 633 145 13, 376 62, 481 22, 012 1, 626 7, 904 281 1, 149 102 251 1102 251 170, 582 7, 606 1, 487 141	754 334 228 48, 310 41, 948 22, 260 77 195 636 676 72, 660 29 8 113, 509 8 114, 509 8 42, 443 33	0, 655 1, 199 2, 789 18, 862 2, 544 56, 561 23, 541 3, 703 34, 087 333 88 1, 050 670 324, 770 9, 681 9, 691 9, 691 9, 691 9, 691 9, 691	932 412 314 1, 099 1, 099 30, 048 18, 788 1597 480 1, 576 326 1, 978 7 7 33 133, 327 133, 327 28, 125	5, 094 766 2, 766 2, 767 10, 741 30, 668 13, 688 2, 578 37, 063 2, 658 465 166 947 28 947 242, 560 6, 859 275 266	592 182 331 1,750 22,673 1,750 26,625 8,324 169 270 1,603 158 345 70 101 110,100 100 1,534 17,534 14	2, 679 323 1, 748 1, 108 6, 443 2, 369 10, 384 8, 953 2, 188 173 24 535 150, 049 4, 950 112 220	261 64 205 2 9, 578 1, 033 3, 563 97 631 111 1, 098 65 60 47 104 64, 261 58 1, 945	2,726 51 155	88 11 99 2, 620 1, 071 4, 707 1, 037 40 276 430 31 14 31 57 21, 352 12 379 5	358 39 336 372 1, 681 1, 087 4, 645 1, 848 4, 366 131 28, 159 849 7	15 4 45 331 433 810 175 3 3 108 2 85 6 2 13 28 3,796 2 13 28 3,796 2	47 6 50 56 288 291 666 238 89 9 28 556 19 28 4,056 2 13	2 8 32 59 87 16 13 1 12 1 1 6 337	12 9 16 36 11 181 54 128 8 128 14 1 2 5 907 13 3	6 2 2 2 115 12 164 57 1 5 4 9 2 4 2 2 595 79	401 401 401 401 401 401 401 401 401 401
23 14 3 1	, 3	9 66 57 3 2 2 2 297 14 20 47 1, 763 1 96 6 33 31 1	7	9 2 23 320 180 9 6 56 1, 412 199 78 174 7, 719 3 400 5 271 255 190	18	44 7 40 983 224 9 207 2,433 935 158 514 10,802 87 704 861 704 704 705 705 705 705 705 705 705 705 705 705	9	125 12 20 1, 438 118 39 3 226 1, 531 1, 200 177 5, 158 37 758 8 700 6 460 6 4	17	139 13 1, 354 86 44 45 101 187 588 1, 206 101 398 2, 149 43 530 7 454 51 349 6 6	4	67 4 11 888 64 40 11 32 22 214 743 65 859 33 297 3 243 237	2	25 2 4 384 9 14 2 2 262 18 64 244 4 4 87 1 10 105	1	55 31 32 1 1 5 37 8		1 4 2 1 3 19		60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 78 79 80

<sup>&</sup>lt;sup>1</sup> Includes only persons specifically returned as "clerks" in stores. Many of these probably are "salesmen and saleswomen." Includes bundle and cash boys and girls.

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

TRADE-

		[In this tal	ole, the occu	ipations o	f each indus	try are pr	esented in	n most ca	ses in five	groups: P	coprictary	7, OILICIE
					NATIVE	WHITE	FOREIG: WH	n-born ite	NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Fornale	Male	Fe- male	Male	Female	Male	Fe- male
12 345	WHOLESALE AND RETAIL TRADE—Con.  Wholesale and retail trade (except automobile)—Continued.  Apprentices: Electricians' apprentices. Jewelers', watchmakers', goldsmiths', and silversmiths' apprentices. Plumbers' apprentices. Tinsmiths' and coppersmiths' apprentices. Other apprentices. Charwomen and cleaners Chaufleurs and truck and tractor drivers !	93 92 24 27 251	93 91 24 27 2,404	1	88 82 24 27 2 201	99	2 5	i	2 2		1 2	
57890L284557890L2845	Charwomen and cleaners Chanfeurs and truck and tractor drivers 1 Decorators, drapers, and window dressers. Deliverymen 1 Draymen, teamsters, and carriage drivers 1 Elevator tenders. Firemen Fruit and vegetable gr ers and packers. Guards, watchmen, and doorkeepers. Housekeepers and stewards 2 Inspectors. Janitors. Laborers, coal yards and lumber yards. Laborers, porters, and helpers in stores. Meat cutters. Newsboys. Oilers of machinery. Painters, glaziers, and varnishers (factory). Policemen.	20, 149 146, 609 9, 275 6, 873 1, 773 9, 926 11, 023 876 12, 356 12, 626 73, 232 178, 537	801 172, 129 13, 911 146, 507 9, 272 3, 978 1, 773 3, 784 10, 969 75, 211 169, 206 45, 025 38, 576 241 659 32, 878	1, 380 74 6, 238 102 3 2, 805 6, 142 791 4, 835 857 21 9, 331 11 19 10, 497	2, 201 136, 176 117, 1727 103, 614 5, 809 1, 842 2, 701 7, 049 5, 443 3, 685 38, 136 86, 181 37, 197 34, 805 182 573 22, 038	495 587 75 1,492 5,069 36 524 4,412 363 3 5,990 511 381	350 12,786 1,979 16,315 1,217 533 3,240 20 1,777 2,595 14,570 25,706 1,843 43 52 87,360	584 50 720 5 135 359 7 170 361 205 1 1, 904 23 13	170 21, 412 25, 047 2, 177 1, 283 288 172 619 13 276 5, 210 18, 983 53, 488 482 4 2 2 2 2 4 2 2 2 4 2 2 4 2 2 4 2 2 4 2 4 2 2 4 2 2 4 2 4 2 4 2 4 2 4 2 4 2 4 4 2 4 4 2 4 4 2 4 4 2 4	312 9 157 22 2 1, 251 44 10 87 40 281 15 1, 210 5	5 1, 756 1, 756 69 42 2 559 61 3 27 279 1, 522 3, 831 243 486	1 1 07 2 22
3	Other and not specified trade	85, 506	54, 542	30, 964	47, 165	29, 190	6, 589	1, 591	618	149	170	8
1	Owners, operators, and proprietors	3, 390 10, 296 317	3, 068 9, 706 286	322 590 31	2, 184 8, 846 258	274 558 28	822 825 26	44 32 2	38 8 1	4	24 27 1	
1 2 3 4 5 3	Chemists. Civil engineers and surveyors. Draftsmen. Electrical engineers. Lawyers. Mechanical engineers. Other professional pursuits.	16 141 89 21 473 69 23	16 141 85 21 461 69 13	4 12 10	16 121 77 20 436 66	4 12 9	19 8 1 24 3 3	1	1 1			
300	Accountants and auditors <sup>3</sup> Advertising agents. Agents (not elsowhere classified). Bookkeepers and cashiers. Canyassers. Clerks. Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Saless agents. Salessen and saleswomen Shipping clerks. Stenographers and typists <sup>4</sup> .	12, 828 2, 478	16, 758 102 4, 208 1, 797 685 5, 464 499 436 139 142 32 1, 334 419 566 299	751 20 478 2, 954 2, 954 212 5 20 51 458 410 2 67 8 15, 803	13, 896 9, 5 3, 894 1, 633 6, 616 5, 041 1, 982 453 393 122 277 1, 212 353 520 275	680 19 445 2, 751 6, 990 200 5 27 48 428 370 63 7 15, 038	2, 839 7 296 153 67 373 200 26 19 11 19 5 119 56 32 22	70 1 23 104 3 346 8 29 35 3 1 718	15 13 1 2 28 9 0 22 1 1 1	1 10 7 1 24 4 	2	
	Carpenters. Compositors, linotypers, and typesetters. Electricians. Engineers (stationary) Machinists. Mechanics (not otherwise specified) Other skilled trades.	27 74 41 93 52 88 49	27 68 41 93 52 88 49	6	20 61 37 81 43 76 36	5	6 7 3 12 9 10 12	1	1 1 2 1			
	Chauffeurs and truck and tractor drivers Draymen, teamstors, and carriage drivers Guards, watchmen, and doorkeepers Inspectors Janitors Laborers Operatives Policemen Porters All other occupations	521 70 142 2,852 113 1,170 808 46 79 73	521 70 141 1, 973 102 1, 145 481 46 79 45	1 879 11 25 327	475 33 110 1,658 53 836 406 39 12 36	1 830 7 21 304	28 7 30 172 20 123 43 7 9	47 2 4 19	17 28 1 139 27 156 26	2 2	1 2 4 2 30 6	
						•			P	UBLIC S	SERVIC	E (N(
	Public service (not elsewhere classified) 5	1, 049, 576	927, 882	121, 694	759, 766	113, 139	101, 535	4,717	58, 962	3, 521	7, 619	31
	Officials and inspectors (United States)	36, 464	35, 625	839	32, 685	786	2, 560	46	181	R	100	

71	Public service (not elsewhere classified) 5		927, 882	121, 694	759, 766	113, 139	101, 535	4, 717	58, 962	3, 521	7, 619	317
76 76 77 78	Officials and inspectors (United States) Officials and inspectors (State) Officials and inspectors (county) Officials and inspectors (county) Detectives. Marshals and constables. Probation and truant officers. Sheriffs.	15, 236	35, 625 14, 256 24, 231 45, 200 12, 180 9, 288 2, 715 15, 064	839 980 5, 855 3, 109 685 62 1, 555 274	32, 685 13, 377 22, 773 40, 435 10, 791 8, 488 2, 338 13, 973	786 938 5, 720 2, 963 626 57 1, 371 256	2,560 851 1,354 4,513 1,216 604 295 881	46 41 115 123 52 5 99 16	181 15 35 201 151 80 76 123	8 1 10 17 6 84	199 13 69 51 22 56 6 87	10 8 1

Some deliverymen probably were returned and classified as chauffeurs, and others as teamsters or truck drivers. Includes hostesses and matrons. Includes accountants and auditors for accounting and auditing companies. Includes public stenographers.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

Continued

	7 YEARS	18 AN YEAR		20 TO 24 OL		25 TO 34 OLI		35 TO 44 OLI		45 TO 54 OLI		55 TO 64 TO OLD		65 TO 74 OLI		75 YE AND C	ARS VER	A.G UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
75		. 6		11		1													
75 61 13	1	12 4		15 7		2 		1										-	
13 17 708 55 3,457	27 25	3 575 42	17 43	785 90	28 85	200 181	17 234 20	24 180 33, 861	19 410 17	9 139 12, 934	5 319 3	2 74 3, 640	1 183 4	33 576	69	6 50	9	1 1 98	3
$241 \\ 23,001$	3 79 17	10, 620 864 15, 253 360	10 220 11	39, 703 3, 451 28, 396 1, 087	17 934 25	67, 190 4, 725 39, 993 2, 172	1, 753 24	2, 627 23, 784 2, 080	$\begin{array}{c} 1,679 \\ 14 \\ 2 \end{array}$	1, 322 10, 735 1, 846	1, 050 6	522 4, 021 1, 053	407 3	1, 113 1, 113 352	98 2	16 136 56	2	- 75 10	7
256 179 7 149	181 280	294 9 237	469 551	742 92 703	968 1, 195	838 334	844 1, 690	575 490 789	311 	496 418 514	97 766	462 300 217	23 243	328 113 69	35 7	61 10 9	<u>î</u>	- 3 - 4	2
16		34 2 234	1 15 1,045	180 11 871	5 57 1, 498	1, 093 576 27 1, 728	7 103 1, 205	1, 167 24 1, 758 2, 075	12 174 711	2, 375 6 1, 549 2, 487	10 235 278 222	3, 610 10 968 2, 242	10 151 77 91	2, 651 3 360 1, 343	51 17 45	354 2 45 252	4	10	1 3
322 2,005 15,002	16 1 892	440 2, 978 14, 558	24 3 891	928 8, 812 20, 925 6, 481	5 1,514	1, 666 16, 342 39, 841 12, 075 2, 006	145 5 2, 058 17 20	2, 075 16, 525 30, 283 10, 938	247 4 2, 047 34	14, 550 22, 094 7, 785	1, 234 16	8, 480 12, 079 4, 389	544	3, 108 4, 537 1, 234	129	- 343 729	14	158	8
28, 456 1	295	1, 475 2, 440 1	12	1, 981 13 18	8 19 2	2, 075 2, 006 45 77	20	1, 361 28 57	23	1, 034 20 37	18	763 17 29	13	415 5 10	5	105		3 15	
2, 264	2, 789	2, 458	2,701	5, 324	4, 717	99 7, 461	4, 032	146 5, 925	2, 694	155 4, 789	1, 671	3, 145	706	. 68 1, 299	161	188		2 30	14
710	1, 108	1, 352	3,774	6, 627	9, 919	16, 284 608	9, 077	13, 669	4, 221	8, 691 747	1,963	4, 952 502	708	1,882	10	43	3	4 7	,   <u> </u>
		$\begin{bmatrix} 2\\14\\4 \end{bmatrix}$		78 370 27	50 4	. 2, 375 96	180 13	888 3,061 76	178 10	2, 137 58	118	1, 271	53 2	401 8	7	- 68	3	1 (	3
		1		3 15 28	1	3 50 25	2	2 41 15	ī	4 22 10		8 2		1 4		i			
				18 2	3	6 144 25	4	7 102 25	4	116 11		56 5	1	$\begin{array}{c c} & 21 \\ 21 \\ & 1 \\ & 1 \end{array}$	1	4			
1		105	22	1, 934	133	6, 200	249	4,623 27	205	2, 368	100	1, 053	33	391	3	50	)	4 10	2
10 35	4 54	3 44 96	18 279	15 496 399	106 869	36 1, 208 573 193	8 129 985 9	938 308 189	102 482 17	16 753 192 121	74 197 10	402 120 80	33 72 5	223 57 24	7 10 2 35	42 14 2	1	5 2 3	
260 9	337	5 577 42 4	887 5	1, 398 205 40	2, 308 27 1	1, 511 612 146	2, 158 52 1	804 479 152	999 60 1	475 395 99	483 48	276 290 46	150 0 2	138 138	7	22 34 1		1 5	3
228	14 22	8 94 10	1 12 54	74 52 51	10 139	219 10 41	11 9 152	118 19 16	10 4 68	58 7 6	2 2 16	25 14 8	6	10	1	2	3		
2		3 13	26	15 4 126	96	41 9 424	110 1 21	36 11 411	88	26 6 211	55 1 13 1	12 2 116	31	28 12		i			3
20 25	606	37 75 2	2,345	112 148 11	5, 827	120 144 42	4, 494 1	52 85 77	1,622	46 52 61	671	20 23 71	232	13 28	45	- 7		4	17
		10	1	13 6	2	2 17 15	2	12 10 11		5 7 7	1	6 1		2 4 1					
		3		6 9 13		28 14 28		28 10 30		. 23 10 9		5 9 5		3					
11		1 24		107		200		120		14 42		14 2		2 3		-		1	
1		1 1 70	80	10 2 363	236	28 13 628	1 316 1	13 18 476 17	181	12 34 239 34	48	. 43 145	14	00	3	$\begin{bmatrix} 2\\3\\4 \end{bmatrix}$		3	1
1 57 32	67	70 26	3 37	2 227 107 3	2 6 69	11 274 103 10	7 81	212 100 9	3 40	162 59 14	2 3 19	106 37 6	10	85 13 3	1 2	$\frac{2}{2}$	i		
3 5		3	3	10	3	21 9	10	16 11	3	14 6	6	. 6	2	5	1		_	1	-
LSEV	VHERE	CLASS	ified.	) .					:	,	1		1		1		1		1
5, 542	849	24, 246	4,758	105, 638	22, 971	246, 165	38, 121	220, 577	27, 784	184, 793	17, 625	108, 066	7, 584	45, 107	1, 643	6, 998	140	750	219

	********									· ·										
5, 542	849	24, 246	4,758	105, 638	22, 971	246, 165	38, 121	220, 577	27, 784	184, 793	17, 625	108, 066	7, 584	45, 107	1, 643	6, 998	140	750	219	71
		26	9	1, 534 657 620 1, 022 323 153 54 317	60 83 692 249 62 5 50 23	9, 802 2, 875 3, 235 6, 205 2, 920 1, 174 393 2, 270	1, 615 706 225 23 248	11, 480 3, 789 5, 429 10, 323 3, 952 2, 018 605 4, 129	277 266 1,706 891 256 18 423 86	7, 533 3, 326 6, 179 11, 260 3, 039 2, 525 623 4, 105	183 245 1, 247 771 97 11 488 62	4, 014 2, 484 5, 587 10, 077 1, 444 2, 140 621 2, 859	78 107 498 363 31 4 271 39	1, 092 958 2, 702 5, 280 426 1, 057 334 1, 135	24 30 84 110 4 65 13	121 149 463 997 43 213 83 235	5 1 5 13 1 4 1	49 18 16 30 7 8 2 14	2 2 8 6 1 6 2	72 73 74 75 76 77 78 79

<sup>5</sup> Public service, as here presented, does not, as a rule, include those public employees, who, occupationally, can be better classified elsewhere—public school teachers, postal employees, etc.

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY
PUBLIC SERVICE (NOT

[In this table, the occupations of each industry are presented in most cases in five groups: Proprietary, official,

=				1				N-BORN	ases III II ve			
	INDUSTRY AND OCCUPATION	Total	Male	Female	-	E WHITE		HTE	NEC	RO	OTHER	RACES
	INDUSTRI AND OCCUPATION	1 Otal	141110	Jeman	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Public service (not elsewhere classified)— Continued.											-
1	Builders and building contractors Piremen (fire department). Guards, watchmen, and doorkeepers Garbage men and scavengers. Other laborers Policemen Soldiers, sailors, and marines.	353 73, 008 21, 001 9, 163 147, 847 110, 945 132, 830 41, 637	73, 008 20, 893 9, 150 146, 753 119, 185 132, 830	108 13 1,094 760	276 66, 730 17, 681 3, 807 78, 167 105, 722 119, 383 32, 841	81 8 466 650	66 5, 637 2, 631 2, 664 33, 450 11, 981 7, 702 5, 464	14 94 77	9 520 497 2,538 31,884 1,192 4,601 1,565	13 5 497 32	2 121 84 141 3, 252 290 1, 144 409	37 1
10 11 12 13 14 15 16 17 18	Civil engineers and surveyors.  Designers.  Draffsmen.  Electrical engineers.  Lawyers, judges, and justices.  Mechanical engineers <sup>1</sup> .  Mining engineers <sup>2</sup> .  Photographers.  Social and welfare workers.	2, 045 22, 268 59 3, 542 1, 234 12, 809 1, 122 200 268 1, 209 2, 909	22, 257 58 3, 386	341 	1,771 20,707 53 3,097 1,144 11,842 1,005 250 230 194 38	329 	120 1, 453 5 269 85 532 113 16 18 23	12 12 46 288	20 46 5 49 2 1 9 9	57 07	1 51 10 45 2	1 7
20 21 22 23 24 25 20 27 28 29	Agents (not elsewhere classified) Bookkeepers and cashiers Clerks Messenger, errand, and office boys and girls Office appliance operators Purchasilia agents Shipping clerks Stenographers and typists Weikhers	9, 175 3, 613 13, 002 106, 939 3, 687 1, 140 611 215 42, 677 596 800	8, 018 3, 320 6, 220 60, 488 3, 556 329 570 205 4, 099 685 721	293 6, 782 46, 451 131 811 41 10 38, 578	7, 507 3, 025 5, 760 54, 557 1, 471 268 543 166 3, 816 482 638	6, 591 ·44, 572 89 690 40 9 37, 201	492 252 391 8,903 120 13 24 18 205 84	20 21 175 1,270 3 37 1 1,126 2	11 30 33 1,669 1,946 48 	10 7 524 38 83_ 	8 13 36 359 10 2 20 1	1 0 85 1 1
31 32 33 34 35 36 37 38 39 40 41 43 44 45 46 47 48 49 50	Blacksmiths Boiler makers Coabinetmakers Carpenters Coopers Cranemen, derrickmen, hoistmen, etc. Electricians Engineers (stationary) Engravers Forgemen and hammermen Machinists Mechanies (not otherwise specified) Millwrights Painters, glaziers, and varnishers (building) Pattern and model makers Plumbers and gas and steam fitters Structural iron workers (building) Toolmakors and die setters and sinkers Upholsterers Other skilled trades	1, 240 190 120 3, 772	1, 240 190 3, 772 122 483 6, 315 11, 750 14 4, 072 4, 768 47 1, 807 37 3, 983 105 66 10	3	837 149 84 2,866 6 424 5,837 9,980 11 3,555 4,095 31 1,523 3,102 84 56 112	3	336 32 35 709 1 1 53 407 1,546 8 8 8 2 2 449 486 13 211 7 483 18 10 2 2		150 49			
51 52 53 54 55 56 57 58 60 61 62 63 64 65	Apprentices: Architects', designers', and draftsmen's apprentices. Electricians' apprentices. Other apprentices. Other apprentices. Charwomen and cleaners Chauffours and truck and tractor drivers. Cooks. Draymen, teamsters, and carriage drivers. Elevator tenders. Firemen (except fire department). Housekeepers and stewards. Janitors. Oilers of machinery. Porters. Waiters. All other occupations.	28 24 41 3,035 24,201 2,713 6,503 1,146 5,012 2,350 12,665 1,539 2,601 1,539 2,601	28 24 41 1, 116 24, 188 1, 931 6, 501 1, 024 5, 012 5, 012 11, 605 2, 380 2, 380 2	1, 919 13 782 2 122 2, 009 1, 080	28 24 38 492 19, 550 1, 059 4, 295 4, 295 3, 496 6, 410 6, 410 441 1, 617 1	668 13 378 61 1,667 598	1 104 1,739 224 930 138 809 37 1,843 151 203 254	200 55 1 5 307 274	408 2, 654 546 1, 214 257 885 24 3, 187 33 873 414	989 334 1 55 08 185	2 22 230 102 62 2 2 2 2 2 105 3 3 22 95	2 15 1 27 3
			-	· ·		1				PI	ROFESS	IONAL
66	Professional service (except recreation and amusement).	2, 985, 742	1, 335, 228	1,630,514	1, 078, 279	1,446,909	177, 842	113, 597	71, 784	66, 479	7, 323	3, 529
67 68 69 70 71 72 73 74 75 76 77 78 79 80	Architects	22,000 67,205 12,449 4,203 23,133 148,848 61,905 5,507 71,055 484 10,003 51,844 12,983 2,300	21, 621 35, 621 7, 002 8, 808 23, 124 145, 572 41, 774 4, 500 60, 768 309 9, 821 30, 920 12, 981 2, 279	379 21, 644 5, 447 485 9 3, 276 20, 131 1, 097 1, 287 175 272 11, 924 21	18, 196 26, 158 5, 950 3, 145 21, 066 92, 582 36, 549 4, 174 60, 386 8, 170 35, 655 11, 400 1, 749	353 19, 241 5, 020 427 8 2, 534 18, 146 995 079 147 252 11, 280 1	3, 321 8, 903 984 601 1, 976 27, 600 4, 025 7, 529 94 1, 599 3, 710 1, 512 507	26 2, 148 412 50 1 238 947 12 274 24 20 551 1	63 230 41 44 33 24,540 1,126 1,746 19 300 36 17	200 8 6 494 1,020 90 27 4	41 330 27 18 49 850 74 2 157 2 27 255 27 6	55 7 2 10 18 7

 $^{\rm 1}$  Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

ELSEWHERE CLASSIFIED)-Continued

10 TO 17 OI	YEARS	18 AN YEAR		20 TO 24 OL		25 TO 34 OL		35 TO 44 OL	YEARS D	45 TO 54 OL:		55 TO 64 OLI	YEARS	65 TO 74 OL	YEARS D	75 YE AND C	ARS	AG UNEN	E OWN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
167 1,806 2,346 160 2,346 160 2 2 14 333 287 3 10 4	55 13 13 17 27 263 17 5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	107 119 233 3, 683 16, 295 1, 080 16 82 1 1 1, 080 16 107 1, 628 403 10 1 1 1 4 2 2 1 1 1 2 2 6 6 02 6 1 38 21	1 57 20 3 7 11 3 310 1, 464 28 26	9 2, 8822 757 14, 490 48, 882 5, 798 81 100 555 188 124 13 7 7, 726 425 747 13 363 2 11 167 2 2 281 7 7	7 4 122 29 94 28 4 1 22 13 306 97 7 7 1,430 6,871 31 124 8 2 12,166 2 8	411 25, 065 3, 298 2, 080 30, 592 42, 606 43, 400 10, 729 6, 925 2, 304 43, 31 3, 54 43, 31 44 2, 080 7, 11 1, 721 16, 5656 708 137 536 1, 019 1, 888 2, 165 366 149 1, 888 2, 165 18 7 7 883 1, 570 44 913 21 186	15 1204 168 251 66 4 52 90 	118 26, 406 4, 277 2, 437 31, 787 734, 697 15, 998 5, 585 5, 585 672 371 2, 713 379 75 76 76 10 2, 408 2, 408 1, 302 11, 302 11, 302 11, 304 11 56 1611 502 1, 004 86 162 1, 004 1, 257 928 1, 142 1, 253 1, 528 1, 142 1, 1, 253 1, 528 1, 1, 254 1, 1, 253 1, 528 1, 1, 254 1, 253 1, 528 1, 1, 254 1, 253 1, 528 1, 282 1, 282 1, 282 1, 282 1, 283 1, 283 2, 303 3, 304 1, 253 3, 304 1, 253 1, 528 1, 253 1, 258 1, 258 1, 258 1, 258 1, 258 2, 200 3, 3	366 86 1,464	1,710 798 1,032	260	1, 020 526 817, 020 817, 302 817, 302 819 94 22 358 152	1 83 102 72 35 267 3, 312 4 4 28	36, 69, 33, 69, 12, 26, 27, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28	10 15 15 15 16 17 18 18 18 18 18 18 18 18 18 18	37 38 38 38 38 43 43 43 42 1	31 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	122   36   3   12   2   17   17   17   17   17   17   17   17	2 2 2 4 1 1 3 5 5 4 2 2 2 1 1 1 1 3 3 3 3 5 5 1 1 1 1 1 1 1 1 1 1	
10 17 24 11 149 10 7 40 2 14 30	7 10 2 4	1 3 5 27 540 36 103 28 40 2 71 18 23 122 1	27 39 7 28	11 4 12 165 3,550 255 414 101 12 435 57 134 521	68 4 86 24 26 20	850 9,755 668 1,242 171 1,287 52 1,427 1,411 917	211 2 180 1 39 140 115	248 6, 217 513 1, 527 1, 89 1, 339 71 2, 081 197 382 480 1	517 3 191 1 33 442 273	161 2, 795 2, 795 203 1, 106 84 2, 609 205 286 219	652 4 173 15 730 326	107 978 123 1,159 180 006 49 2,735 122 207 63	333 76 1 549 240	36 186 43 497 118 227 11 1, 808 47 67	23 1 165 64	58 23 19	19	3	3 4	-
ERVIC										1		7	1	] ac sar	01 074	17, 217	2 716	1, 347	2, 832	2
8, 611	12, 893	18, 753	89, 358	116, 268	459, 180	843, 464	500, 580	307, 554	283, 925 	259, 195	174, 200	182, 484	88, 511	80, 335	21, 374	11,811	2, 120	=	-	
278 4	340 3	1,042 36 105 	1,007 30 	1, 731 5, 584 483 553 2, 724 2, 810 2, 713 467 2, 742 30 2, 011 5, 545 1, 641	50 4, 539 328 142 1 197 2, 355 137 37 55 2, 155	5, 432 10, 576 1, 766 1, 263 6, 541 24, 741 13, 479 1, 608 22, 266 90 3, 787 12, 151 4, 914	137 6, 086 1, 266 224 4 604 7, 160 539 438 52 115 3, 539 2	6, 565 8, 278 1, 754 859 5, 980 36, 556 11, 728 1, 536 19, 254 8, 601 8, 601 3, 382 446	86 4, 101 1, 438 69 2 879 5, 479 262 344 45 50 2, 601	4, 168 5, 291 1, 361 559 4, 410 37, 337 7, 658 542 14, 707 740 6, 202 2, 062 651	56 2,844 1,181 27 1 849 3,191 117 214 22 19 1,861	2, 595 3, 021 965 308 2, 213 28, 608 4, 596 8, 131 29 317 4, 349 787 564	37 1,872 762 19 1 505 1,508 36 114 7 18 937	945 1, 262 478 128 128 12, 534 1, 369 102 2, 215 9 88 1, 760 167 276	11 708 340 1 194 356 2 36 1 1 302	166 261 146 27 27 284 2, 853 200 12 388 1 12 306 11 88	2 113 90 1 1 	28 9 5 19 127 31 2 65	9 38 6 2	

<sup>\*</sup> Includes, also, chemical and metallurgical engineers.

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

PROFESSIONAL

-			,		reach muu					Broads, T	. o parouar,	, omen
	MDHOWDY AND COULD MAN	Total	Male	Famala	nātīve	WHITE	FOREIG WB	N-BORN HTE	NEG	RO	OTHER	RACES
	INDUSTRY AND OCCUPATION	10181	MINIE	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Professional service (except recreation and amusement)—Continued.											
1 2 3 4	Professional pursuits—Continued  Lawyers Librarians Mechanical engineers 1 Mining engineers 2	139, 059 29, 613 13, 855 3, 670	136, 198 2, 557 13, 845 3, 668	2, 861 27, 056 10 2	125, 042 2, 197 11, 432 3, 102	2, 565 25, 682 9	9, 833 318 2, 374 552	272 1, 179 1	1, 152 30 23	23 180	171 12 16 14	1 15
5 6 7 8 9 10 11 12 13	Lawyers Librarians Mechanical engineers 1 Mining engineers 2 Osteopaths. Photographers. Physicians and surgeons Social and welfare workers. Teachers (athletics, duncing, etc.) Teachers (school) Trained nurses. Veterinary surgeons. Other professional occupations.	6, 117 33, 840 153, 803 29, 424 18, 509 1, 044, 016 287, 951 11, 803 47, 942	4, 554 26, 053 146, 978 6, 173 12, 288 190, 049 5, 152 11, 852 30, 141	1, 563 7, 787 6, 825 23, 251 6, 311 853, 967 282, 799 11 17, 801	4, 238 19, 538 125, 953 5, 105 10, 310 169, 405 3, 956 10, 677 25, 972	1, 458 6, 917 5, 722 20, 271 5, 798 775, 801 241, 215 7 16, 076	300 5,692 16,859 844 1,746 11,326 1,026 1,029 3,631	100 759 993 2, 162 442 30, 921 35, 683 1, 479	14 425 3, 713 188 188 8, 767 142 133 152	5 78 92 761 56 45, 672 5, 445 1 184	398 453 36 44 551 28 13	33 18 57 15 1,573 456
	Semiprofessional pursuits											
14 15	Abstracters, notaries, and justices of peace	11,756 958	9, 848 938	1, 908 20	9, 149 880	1,825 18	621 55	56 / 2	34 1	23	44 2	4
17 18 19 20 21 22 23	Apprentices to other professional persons. Chiropractors Healers (not elsowhere classified) Keepers of charitable and penal institutions. Officials of lodges, societies, etc. Religious workers. Technicians and laboratory assistants. Other somiprofessional occupations.	3, 935 11, 916 17, 640 15, 920 14, 515 31, 290 15, 988 1, 831	3, 861 9, 203 7, 866 9, 468 11, 513 11, 339 8, 288 1, 357	74 2, 713 9, 774 5, 552 3, 002 19, 951 7, 700 474	3, 635 7, 833 4, 696 8, 170 9, 460 8, 514 6, 474 1, 012	68 2, 416 7, 333 4, 545 2, 675 14, 425 7, 069 398	184 1, 196 2, 193 1, 180 1, 696 2, 268 1, 609	254 2,037 899 159 4,532 583 59	15 142 518 96 287 434 151 28	1 42 383 106 164 762 45 15	27 32 459 22 70 123 54	1 21 2 4 232 3 2
	Attendants and helpers	·			•				20		1	-
24 25 26 27 28 29	Dentists' assistants and attendants Librarians' assistants and attendants Laborers Physicians' and surgeons' attendants Porters Other attendants and helpers	13, 715 1, 865 25, 383 14, 042 7, 766 48, 259	770 502 23, 762 689 7, 750 27, 347	12, 945 1, 363 1, 621 13, 353 16 20, 912	044 418 14, 485 478 2, 564 22, 463	11, 970 1, 291 1, 080 11, 483 10 16, 927	78 65 4, 873 92 2, 150 3, 835	707 68 284 813 4 3,364	37 12 3, 906 106 2, 928 880	233 3 241 933 2 567	11 7 498 13 108	35 1 16 124
	Other occupations	,	-1, 521	-5, 512	22, 100	10, 021	0,000	0,001		307	109	34
30 31 32 33 34 35 36 37 38 40 41 42 43 44 45	Accountants and auditors Advertising agents. Agents (not elsewhere classified). Bookkeepers and cashiers Canvassers Clerks. Collectors Commercial travelers. Credit men Messenger, errand, and office boys and girls Office appliance operators. Purchasing agents Sales agents. Shipping clerks. Stenographers and typists. Weighers.	14, 846 234 1, 781 20, 816 3, 039 89, 148 911 305 102 3, 598 516 570 14 245 93, 087 34	13, 718 175 1, 511 3, 511 2, 537 736 285 116 2, 832 184 407 7 236 2, 002 30	1, 130 59 270 17, 305 502 66, 811 175 20 46 766 332 163 7 9 91, 085 4	11, 629 1,59 1,323 3,028 2,265 10,305 540 261 107 2,468 165 368 6 179 1,820 26	1, 046 56 233 15, 852 454 62, 106 155 19 41 602 318 140 7 8 85, 754	2, 049 11 176 403 260 2, 503 188 21 9 168 13 37 1 38 109	79 3 31 1, 186 43 3, 805 17 1 4 29 14 22 4, 236	20 4 8 62 3 401 7 1 184 6 2 19 53		9 1 4 18 9 128 1 2 1 2	1 25 1 105
54 55 56	Blacksmiths Cabinetmakers Compositors, linotypers, and typesetters. Cranemen, derrickmen, hoistmen, etc. Brgineers (stationary) Machinists. Mechanics (not otherwise specified) Millwrights Pattern and model makers. Toolmakers and die setters and sinkers Upholsteres. Other skilled trades.	225 174 473 16 11, 330 865 1, 962 22 34 25 60 26	225	62	155 102 350 13 8, 411 623 1, 532 16 23 14 38	54	56 - 69 - 47 3 - 2, 696 - 235 - 6 11 - 10 - 16 6 - 6	8	3  -	1		
58 59 60 61 62 63 64 65 66 67 68 69 70	Charwomen and cleaners Chauffeurs and truck and tractor drivers Cooks Draymen, teamsters, and carriage drivers Elevator tenders Firemen Guards, watchmen, and doorkeepers Housekeepers and stowards Janitors and sextons. Machinists' apprentices Oliers of machinery Policemen Watters. All other occupations	6, 168 5, 869 22, 029 820 2, 042 8, 251 6, 172 14, 577 100, 855 37 70 377 14, 000 27	1, 445 5, 848 6, 802 819 1, 603 8, 251 5, 750 1, 347 91, 100 37 70 70 372	4, 723 21 15, 227 1 439 422 13, 230 9, 755 10, 166	767 4, 621 3, 190 640 939 5, 328 4, 150 1, 021 57, 008 31 40 294 2, 051 25	2, 404 15 9, 160 1 263 322 9, 777 6, 095 7, 374	522 600 1, 638 130 381 2, 187 1, 368 243 19, 957 6	1, 599 2, 090 37 84 2, 885 1, 977	142 581 1,712 43 230 707 201 64 13,345	607 4 2, 853 138 15 452 1, 615	14 46 262 6 53 29 25 19 730 218 1	23 124 1 1 116 68

<sup>&</sup>lt;sup>1</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

SERVICE-Continued

10 TO 17		18 AN YEAR		20 TO 24 OI		25 TO 34 OLI		85 TO 44 OL		45 TO 54 OLI	YEARS	55 TO 64 OLI	YEARS	65 TO 74 OLI	YEARS D	75 YE AND O	ARS	UNKN	
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
292 54 164 16	147 136 1, 773 1, 371	679 76 274 2, 079 135	958 387 200 540 26, 418 31, 736	6, 320 452 725 178 129 2, 522 1, 941 620 2, 101 33, 847 752 151 3, 211	361 5, 513 1 37 1, 406 245 2, 609 2, 132 255, 909 91, 025 3, 408	38, 589 502 3, 769 860 1, 231 5, 794 30, 296 1, 700 5, 200 72, 920 1, 463 1, 263 10, 090	1, 160 7, 396 3 3 175 2, 350 1, 768 6, 223 2, 123 288, 368 76, 603 2 6, 134	32, 891 373 4, 130 914 1, 181 6, 551 33, 476 1, 581 2, 764 40, 632 1, 221 3, 874 7, 692	088 5, 169 4 337 1, 743 1, 543 5, 670 836 146, 626 44, 740 4, 3, 873	27, 847 406 3, 157 1, 080 5, 366 37, 636 1, 129 1, 253 23, 023 882 3, 614 4, 775	385 4, 283 2 2 490 1, 144 1, 366 4, 903 3, 359 83, 270 24, 840 4, 403	19, 244 357 1, 556 532 667 8, 385 28, 545 712 465 12, 803 2, 171 2, 751	199 2, 635 	8, 778 231 430 246 232 1, 231 11, 072 296 138 3, 909 158 1, 090	51 044 128 106 576 32 8, 110 2, 041 1 302	2, 382 70 62 37 27 213 2, 943 46 20 407 18 281 198	13 118  0 10 105 52 1 874 179	147 1 16 4 7 20 160 8 13 175 4 7	4 40 2 16 17 47 8 1,509 558
244	6	. 73 420	40 5	593 242	225 8	1, 598 25	533	1,601 1	513	1,631	339	1,862	201	1,685	47	792	6	13	4
39 6	19	2, 320 	39 335 402 9	737 244 281 170 262 1, 271 1, 942 40	31 53 378 210 205 2,083 2,712 40	172 2, 235 1, 433 1, 109 1, 722 2, 357 3, 139 225	5 386 980 883 068 4, 489 2, 793 98	18 3, 142 1, 988 2, 290 3, 187 2, 638 1, 659 323	918 2, 010 1, 391 733 4, 703 1, 175 122	2, 278 1, 938 2, 713 3, 192 2, 338 602 325	1 882 2,060 1,602 690 4,005 431 106	1, 017 1, 429 2, 143 2, 118 1, 500 228 285	396 2, 328 1, 076 467 2, 711 102	819 671 73	320 121 1, 196 16	141 130 182 153	313	11	2 20 15 4 37 7
159 142 846 76 128 1, 163	481 284 107 450	248 59 1, 214 91 373 1, 547	1,646 132 158 1,234 1,844	127 92 3, 269 125 1, 246 5, 954	4,366 320 242 3,831 4,619	134 83 4, 593 147 1, 847 7, 267	3, 916 264 272 4, 072 3 5, 024	53 35 4, 368 108 1, 483 4, 631	1, 742 139 302 2, 213 4 3, 097	28 37 4, 237 73 1, 414 3, 646	611 121 283 1, 077 4 2, 883	3, 227 38 874	177 370	1, 633 22 343	27 60 67 2	29	11		18 2 10 18
1, 671 20	359 5 1,573 3 211 15 3,194	45 3 13 150 35 1,706 23 3 1 573 23 2 2 30 251	22 1 1, 339 13 5, 125 7 	1,061 18 84 063 213 5,852 69 22 11 250 58 18	152 10 20 4, 645 57 18, 375 15 17 223 114 19 1	4, 456 58 372 970 770 5, 567 137 83 43 92 40 111 2 539	340 17 59 5,410 130 21,389 37 4 21 96 122 37 4 27,518	4, 113 50 449 693 719 3, 227 116 85 30 84 19 120 276 4	324 11 75 3, 178 142 11, 719 9 27 37 49 1	2, 875 25 335 409 481 2, 280 60 19 53 16 93 1 1 28 135	209 17 64 1, 618 104 5, 796 83 3 7 25 11 28 3, 179	1, 210 16 183 318 218 1,736 147 24 8 55 6 47	63 28 38 601 44 2, 232 21 11 14 19	391 58 162 68 800 75 5 2 46 2 12 18 16 3	112	7 37 11 156 20	10	18 18 12 2 2 1 1 1 1 1 1	20 1 117
10	2	3 1 27 1 39 32 32 38 3 3	5	21 7 67 3 300 77 174 4 3	12	20 223 103 1,098 174 507 5 3 7 6	23	45 30 100 3 2,763 204 493 5 11 5	10	57 38 47 3 8,061 195 411 4 4 4 14	8	49 38 37 2	1	24 31 20 3 805 49 104 1 1 3 11	1	75 2 12		12	
869	101 127 39 67	36 271 194 22 112 102 23 16 1,129	132 1 404 56 5 105 93	113 1, 148 838 69 240 625 180 60 3, 138	202 5 1,389 128 23 458 276	240 2, 192 1, 892 145 307 1, 707 535 189 8, 713	716 6 2,796 102 49 1,477 1,161	322 1, 201 1, 707 172 221 1, 933 901 308 14, 804	1,360 5 3,847 1 50 70 2,809 2,843	308 602 1,285 175 210 1,877 1,314 373 21,490	1, 153 4 3, 863 43 4,044 2, 964	22,828	714 2, 187 12 102 3, 186 1, 740	131 59 202 66 173 494 1,024 116 15,092	208 551 49 1, 010 534	34 6 10 7 39 49 158 24 2,895	34 37 11 117 65	2 9 11 1 2 10 4 2 82	13 26 24 12
178	938	1	1, 358	6 18 959 1	2, 522	17 52 947 1	2, 193	14 78 553	2 1,446	13 98 461	1, 003	9 81 260	531	6 37 132	1 148	7 38	22	9	

<sup>&</sup>lt;sup>2</sup> Includes, also, chemical and metallurgical engineers.

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### PROFESSIONAL

		In this tar	ole, the occu	pations of	each mads	try are pr	esented n	i most ci	ascs III II ve	groups, 1	Opriovary	
	TANANGERAY AND OWNER PROV	m-4-1	35-1-	Female	NATIVE	WHITE	FOREIGI WH		NEG	ro '	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	remate	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Recreation and amusement	443, 205	312, 802	130,403	227, 306	114,314	51, 322	9,779	29, 476	5, 634	4, 698	876
2 3	Billiard room, dance hall, skating rink, etc., keepers. Directors, managers, and officials, motion picture production.	29, 129 1, 923	28, 819 1, 888	310 35	19, 851 1, 554	209 34	6, 347 320	55 1	1, 914 5	21	707 9	25
4 5	Keepers of pleasure resorts, race tracks, etc Theatrical owners, managers, and officials	10, 718 19, 723	9, 741 18, 691	977 1,032	8, 096 15, 656	835 933	1, 500 2, 800	127 85	99 155	10 11	46 80	5 3
6 7 8 9	ActorsChemical engineers 1	37, 993 9	18, 703 9	19, 290	13, 741 8	15,773	3, 253 1	2, 002	1, 327	1, 299	382	216
9 10	Onemists	76 81	75 81	1	57 67	1	17 14				1	
11 12	Civil engineers and surveyors.  Designers.  Draftsmen.  Electrical engineers.  Lawyers.  Mechanical engineers 2  Musicians and teachers of music.  Photographers.  Showmen.  Social and welfare workers.  Trained nurses.	80 104 580	40 101 580	40	31 72 512	33 1	8 28 65	2			1 2	
13 14 15	Muchanical engineers 2  Musicians and teachers of music	$\begin{bmatrix} 36 \\ 211 \\ 165, 128 \end{bmatrix}$	36 211 85, 517	79, 611	32 174 57, 418	71,611	4 37 18, 983	4, 942	7, 747	2, 836	1, 369	222
16 17	Photographers	2, 049 37, 303	1, 777 35, 808	272 1,495	1, 462 29, 685	1,224	283 4, 209	24 128	11 1,405	3 99	509	3
18 19	Social and welfare workers Trained nurses	15 16	5 1	10 15	4	8 13	1	2 1	1	i		
20 21	Accountants and auditors	1, 093 908	992 873	101 35	852 793	91 34	136 74	10 1	4		4 2	
22 23 24	Advertising agents Agents (not elsewhere classified) Bookkeepers and eashiers Canyassers Clerks	1, 251 12, 363 154	1, 131 2, 489 133	9, 874 21	982 2, 163 118	9,020 19	137 265 15	523 2	10 34	285	2 27	1 46
$\frac{25}{26}$	Conectors	11,779 34	8, 045 29	3,734 5	6, 889 27	3,360 5	843 2	293	178	61	135	20
27 28 29	Commercial travelers Oredit men Messangar arrend and office hove and cirls	299 18 454	291 18 425	8 29	255 18 364	8 26	34	3	2 34		4	
$\frac{30}{31}$	Office appliance operators	126 147	26 140	100	23 121	94 6	2 19	6 1	1			
32 33 34	Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents. Sales agents. Sales agents. Shipping elerks. Stenographers and typists.	$1,063 \\ 327$	1,568 $321$	95 6	1,339 $283$	86	189 27	4	16 11	i	24	4
35		3, 521	129	3, 392	116	3, 139	11	237	1	12	1	4
36 37 38	BlacksmithsCabinetmakers	187 52 119	187 52 87	32	138 22 73	25	38 30 12	 7	10 1			
38 39 40	Electricians Engineers (stationary)	4, 278 1, 027	4, 278 1, 026	1	3, 824 748	25 1	412 254		32		10	
41 42 43	Machinists Mechanics (not otherwise specified)	557 1,596	557 1, 596		391 1,31 <u>2</u>		160 253		5 25		1 6	
44 45	Pattern and model makers  Toolmakers and die setters and sinkers	11 16 60	11 16 60		10 37		4 6 21					
46 47	Blacksmiths. Cabinotmakers. Compositors, linotypers, and typesetters. Electricians Engineers (stationary). Machinists. Mechanics (not otherwise specified). Millwrights. Pattern and model makers. Toolmakers and die setters and sinkers. Upholsterers. Other skilled trades.	20 18	18 18	2	13 14	2	5					
48	Apprentices: Electricians' apprentices	24	24		21	~~~~	3			**-**		
49 50	Other apprentices	16, 168	16, 047	121	8 10, 526	34	1, 029	6	4, 049	71	443	10
$\frac{51}{52}$	Charwomen and cleaners Chauffeurs and truck and tractor drivers	1, 147 1, 226	139 1, 226 383	1, 008	59 1,049	489	24 112	338	50 57	180	6	1
53 54 55	Cooks	596 284	284	213	204 230	120	84 30	31	83 22	60	12	2
56 57	FiremenGuards, watchmen, and doorkeepers	153 378 1, 742	112 378 1,732	41	63 227 1, 197	15 7	21 108 402	4	25 43 115	22	3	
58 59	Helpers, motion picture production  Housekeepers and stewards 3	2, 213 1, 190	1, 234 315	979 875	1,007 171	882 645	402 208 104	2 89 146	12 39	76	7	6 8
$\frac{60}{61}$	Janitors. Laborers, recreation and amusement. Policemen	7, 408 29, 893 416	6, 676 29, 458 412	732 435 4	3, 125 20, 066 333	407 280 3	1, 247 4, 559 72	175 59 1	2, 134 4, 349 6	147 93	170 484 1	3
$\frac{63}{64}$	PortersStage hands and circus helpers	5, 132 4, 274	5, 130 4, 099	2 175	556 3, 576	135	334 408	22	4, 179 90	2 14	61 25 22	4
65 66 67	Theater ushers. Waiters. Other attendants and helpers, recreation and	12, 461 428 2, 111	9, 308 276 1, 543	3, 153 152 568	8, 335 90 1, 286	2, 840 123 428	666 67 222	165 19 76	285 113 31	124 10 60	22 6 4	24
68	amusement. Other recreational occupations.	8, 698	7, 416	1, 282	5, 824	955	774	177	740	132	78	18
		.,			-,							***

<sup>&</sup>lt;sup>1</sup> Included, in other occupation tables, in the group "Mining engineers."
<sup>2</sup> Includes, also, all technical engineers not elsewhere classified.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

SERVICE-Continued

10 TO 17	YEARS	18 AT		20 TO 24		25 TO 84 OL		85 TO 44 OL		45 TO 54 OL		55 TO 84 OLI		65 TO 74 OL		75 YE AND C	ARS OVER	A0 UNKN	e own	===
Male	Fe- male	Male	Fe- male	Male	Fe- malo	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	
14, 862	3, 657	16, 569	8, 561	48, 721	25, 933	83, 007	36, 403	68, 642	27, 913	45, 303	16, 714	24, 723	8,092	9, 420	2, 576	1,348	353	407	201	1
		206 15		1,498 139	21	6, 653 597	78 11	9, 151 713	104 14	6, 482 331	71 6	3, 473 77	27	1, 188	6	143	2	25	1	2 3
		1 381		425 2, 003	37 111	1, 689 4, 812	119 292	2, 660 5, 361	265 324	2, 571 3, 793	288 109	1,037 1,785	175 76	049 485	79 22	96 48	11 5	13 23	3 3	5
210	1,005	502	2, 405	2, 686 2	6, 132	5, 750 5	5,786	4,819	2, 403	2,952	1,037	1, 232	395	412	80	40	14	91	33	6 7
		ì		15 10	1	25 31		19 30		13 8		2	2	2						10
		<u>8</u> -	3	5 16 92	6	16 48 315	17	14 25 121	9	3 8 40		12	2	ì						11 12 13
				1 26		10 91		6 58		13 26		3 8		2 2	2, 135	274	277	85	124	13 14 15
1, 064 21	795 20 66	3, 280 81	2, 582	15, 792 366	81	26, 619 678	22, 231 75 528	18, 105 429 7, 972	20, 363 40 279	11,571 153 2,059	12,642 10 108	1 42	1 6	) 5		374 1 48	2	. 1	3	18 17
759		1, 993	128	8, 132	348 1 2	12, 493 4	4	1 1	3		- 2					-	-	-	-	18 19
		11	.1	107 160	17	376	20	285 193	37 12	128 117				10		- 3		1		20 21
14 2 153	522	52 10 207	1, 378	160 99 488	3,005	258 326 676	12 34 2,807	331 440	32	220 247	587 587	107 177	161	30	20	16		24	1 8	22
292	137	586	327	15 1,617	1,077	42 2, 277	1,401	31 1, 496	5		101	571	60	212	9		2	2	6	20 21 22 23 24 25 20 27 28 29 30
		i		7 10	3 2	11 97 11	Ž	102 5	l l	1 1	1 2			3						27 28
224	10	109 3	5 14	46 10	5 45	21 2	7 32	14 4 40	2 6	Î Î		2				-	l			$- \begin{vmatrix} 29 \\ 30 \\ 31 \end{vmatrix}$
		6		11		50 1 491	4	309	3	18	ii	105	<u>2</u>	32	-		-		1	31 32 33 34 35
31 13	10 136	67 49 15	6 524	209 106 61	19 3 1,338	86 25	29 3 1,083	40 10	244	22 5	50	. 2	14	. 3	2				:- j	34
				4		25 10		40		60		30		14		. 8		2	3	- 36 37
2		12 52	3	29 400	12	23 1, 863	14	14 11 1,511	1	14 4 710	i	204 146	1	30		. 2			-	36 37 38 39 40 41 42 43 44 45
		5 22 29		60 56		248 160	1	288 171		220 94		41		51		- 1				- 41
		29		178 2		401		473 3		331 4 6		140		40		-				43
				1 2 2		20		22 2	1	12 6	1	4							-	46
		i		2		5		5		5				-	\ <del></del>	-}	-		-	- 47
22 7				1 8		1														48
6, 507	11	2, 477	15	2, 515	31	2, 111	47	1, 201	11	690	4	363	1	157	22	10	}	10	1	50
6 21	9	10 73 8	16	31 328	53	22 468 100	211 50	34 229 107	328 62	19 84 69	260 44	13 19 41	108	3 8	3	2		1	. 3	52 53
3 2 3	1	8 8 19	2 6	45 36 29	16 13	58 18	13	56 14	5	64 13 80	i	48 12	1	11 5	1	1 1		-		51 52 53 54 55 56 57
1 11		6 20 94		29 70		73 153	2	72 219	2	365	1 62	70 513 37	22	318 16	3 4	60		3 2	2	
51 204	42	94 2 276	93 24 10 40	305 10 718	194 88 34	404 50 1, 208	367 133 115	219 99 1, 332	193 193 240	105 76 1, 370	246 197	63 944	158 100 40 1	13 527 1, 421	20 27	90	1 2	1 7 44	3	59 60
1,452	7 23	2, 119	40	5, 005 17	57	6, 449 85	84	1, 332 5, 101 94	240 102 1	1,370 4,541 102	77	3, 124	40	1, 421 36 70	0	202 5	2	-1		58 59 60 61 62 63 64 65
246 156	12	374 160 2, 627	11	989 368	1 38	1,573 800	49 365	1, 026 1, 130 313	39 178	588 875 296	16 61	247 471 364	8	123 292	3 4	12 48	2	8 4 1	1	
156 2, 656 7 57	12 806 10 14	2, 627 18 110	11 878 8 23	2, 089 52 191	844 42 77	622 87 413	47 119	65 363	34 124	34 263	123	8 116	15 2 68	23 23	20	4		8		66
449	16	462	16	992	55	1, 461	190	1, 540	326	1, 247	355	858	205	348	83	47	28	12	8	68
<u> </u>									<u> </u>			<u> </u>	<u>'</u>	<u>'</u>	<u></u>				'	

<sup>\*</sup>Includes hostesses and matrons.

## TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

#### OMESTIC AN

					NATIVE	WHITE	FOREIGN WHI		NEGI	го	OTHER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Hotels, restaurants, boarding houses, etc	1, 357, 381	693, 220	664, 161	326,010	454, 251	212, 367	96, 891	122, 273	105, 893	32, 570	7, 626
2 3 4 5	Boarding and lodging house keepers	144, 371 56, 848 30, 626 165, 406	17, 093 39, 538 8, 498 125, 398	127, 278 17, 310 22, 128 40, 008	10, 597 28, 793 4, 817 70, 912	88, 262 14, 729 16, 884 29, 347	5,009 9,200 2,969 45,868	25, 086 2, 089 4, 054 4, 873	997 741 606 5,365	12, 112 323 1, 032 5, 178	490 804 106 3,753	1, 818 169 158 610
6 7 8 9 10 11	Chemists. Oivil engineers and surveyors. Draftsmen Electrical engineers. Mechanical eugineers. Photographers.	21   39   21   129   112	17 39 17 129 112	4	6 33 16 105 88 5	3	10 5 1 17 23	1	7			
12 13	Trained nurses Other professional pursuits	11 73 6	4 5	69 1	1 3	<b>8</b> 6	3 2 1	11 1	i i	2		
14 15 16 17 18 19 20	Accountants and auditors. Advertising agents. Agents (not elsewhere classified). Bookkeepers and cashiers. Canvassers. Clerks. Collectors.	2, 805 69 159 24, 527 48 46, 143	2, 252 55 136 6, 074 41 35, 011 25	553 14 23 18, 453 7 11, 132	1,875 49 104 4,330 32 28,708	510 12 20 16, 204 7 9, 582	368 5 30 1, 446 7 5, 486	42 1 1, 976 1, 296	6 1 2 79 2 526	1 1 2 189 219	210 201 1	84
20 21 22 23 24 25 26 27 28 29	Credit men.  Messenger, errand, and office boys and girls.  Office appliance operators.  Purchasing agents.  Subsymman and saleswoman	61 619 95 449 4,609	52 573 17 374 2,864 94	9 46 78 75 1,745	48 897 12 271 2,191 55	8 33 75 73 1,497	3 51 4 93 562 22 17	1 2 2 2 2 171	1 111 1 2 85 17	11 1 68 1	14 8 26	9
27 28 29	Shipping clerks. Stenographers and typists Weighers. Other clerical pursuits.	3, 109 20 25	143 19 22	2,966 1 3	113 13 19	2,750 1 2	17 3 3	193	10 2	20	3 1	3
30 31 32 33	Blacksmiths. Boilermakers Cabinetrnakers	17 10 95 803 1,022	17 10 95 802 1,022	1	9 7 42 461 779		6 2 53 326 223		2 1 10 15		5 5	1
34 35 36 37 38 39 40 41	Electricians Engineers (stationary) Goldsmiths and silversmiths Machinists. Mechinists (not otherwise specified) Painters, glaziers, and Varnishers (building) Plumbers and gas and steam fitters. Tinsmiths and sheet metal workers.	4, 603 12 214 675 569 370 21	4,603 12 214 675 569 370 21		8, 243 8 138 444 317 261 12		1, 193 9 65 187 220 97		149 10 32 18 9		18 1 12 5	
42 43	UpholsterersOther skilled trades	258 27	252 27	6	134 14	5	115 10	1	2 8		i	
44 45 46 47 48 49 50	Charwomen and cleaners. Chauffeurs and truck and tractor drivers. Draymen, teamsters, and carriage drivers. Elevator tenders. Firemen. Guards, watchmen, and doorkeepers. Janitors.	2, 252 1, 827 150 7, 267 2, 507 1, 846 12, 300	715 1,822 149 5,513 2,507 1,831	1, 537 5 1 1, 754 15 932	212 1, 246 113 2, 742 1, 117 1, 146 4, 835	414 4 1 620	315 221 22 1,059 740 543 2,803	741 1 	139 335 14 1,492 636 128 8,225	1,039 149	49 20 220 14 14 505	27 
51 52 53 54 55	Laborers. Launderers and laundresses. Ollers of machinery. Policemen. Porters. Servants:	18, 336 3, 508 90 148 33, 151	16, 253 584 90 148 33, 143	2, 083 2, 924	8, 174 317 52 113 5, 212	1,389 1,488	2, 803 3, 946 135 32 34 4, 879	274 465	3, 214 100 6 1 22, 185	377 884 7	919 32  867	43 87
56 57 58 59	Cooks_Other servants_Waiters_All other occupations_	243, 670 193, 655 347, 433 8	149, 418 84, 531 137, 840 8	94, 252 109, 124 209, 593	56, 867 33, 156 51, 226 7	50, 893 49, 590 169, 296	52, 817 20, 554 51, 028 1	13, 329 18, 307 23, 004	30, 139 23, 573 28, 269	28, 944 39, 642 15, 312	9, 595 7, 248 7, 317	1,086 1,585 1,891
60	Domestic and personal service (not elsewhere classified).	3, 037, 568	754, 448	2,283,120	358,743	931, 947	184, 176	343, 785	192, 421	981, 563	19, 108	25, 875
61 62 63	Electrical engineers. Mechanical engineers. Other professional pursuits.	41 27 22	41 27 15	7	32 15 11	2	7 12 2	2	2	3		
64 65 68 67 68 69 70 71 72 73	Accountants and auditors Agants (not elsewhere classified) Bookkeepers and cashiers Canvassers Clerks Collectors Messenger, errand, and office boys and girls Purchasing agents Stenographers and typists Other clerical pursuits	137 3, 219 1, 286 31 3, 009 24 240 15 586 14	118 3, 054 307 26 993 20 205 7 24	19 165 979 5 2,016 4 35 8 562	96 1, 866 242 22 744 19 112 5 22	16 141 845 3 1,733 22 4 504	22 1, 151 52 4 168 1 12 2 2 2	2 21 93 2 241 3 3 42	31 7 68 75	36 36 1 9 1	6 6 7 13	2 6 1
74 75 76 77 78 79 80 81 82	Blacksmiths Carpenters Electricians. Engineers (stationary) Machinists Mechanics (not otherwise specified) Painters, glaziers, and varnishers (building) Plumbers and gas and steam fitters Other skilled trades	38 242 403	38 242 403 5, 308 119 676 64 81		21 136 328 3, 393 67 443 38 56 24	3	13 93 62 1,676 48 179 25 20 7	1	4 12 12 291 3 50 6 5		1 1 8 1 4	

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

#### PERSONAL SERVICE

 $and \ supervisory \ pursuits; \ professional \ pursuits; \ clerical \ and \ kindred \ pursuits; \ skilled \ trades; \ and \ other \ pursuits]$ 

10 TO 17 OI		18 AN YEAR		20 TO 24 OL		25 TO 34 OL:		35 TO 44 OL		45 TO 54 OL		55 TO 64 OLI		65 TO 74 OL		75 YE AND C		AG UNKN		==
Male	Fe- male	Male	Fc- male	Male	Fe- male	Male	Fc- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
16, 563	22, 977	27, 378	39, 723	85, 716	99, 126	178, 231	155, 125	176, 720	147, 764	122, 432	114, 834		61, 225	23,047	19, 627	3, 463	2, 882	1, 261	878	1
		39 32 98 474	488 19 204 205	282 763 587 4,629	3, 406 289 1, 072 1, 626	1, 453 5, 015 1, 634 26, 364	16, 154 1, 931 3, 295 7, 910	3, 219 10, 101 2, 290 43, 943	30, 133 4, 558 5, 610 13, 562	4, 501 11, 482 2, 203 31, 181	36, 255 5, 512 6, 564 11, 080	4, 191 8, 143 1, 257 14, 204	27, 119 3, 617 4, 035 4, 643	2,704 3,382 367 4,014	11, 531 1, 179 1, 167 871	685 552 44 430	2,062 173 131 68	19 68 18 159	130 32 41 43	2 3 4 5
			2	3 5 9 4 2	1 7	4 11 10 41 29 4	1 1 17.	7 6 32 34 2	1	11 2 25 26	1 12	16 11 1	1	4 5 7	1	1		1		7 8 9 10 11 12 13
		26 1 1	13	320 6 6	75 2	779 19 34	200	555 9 46	1 153 3 8	338 11 30	68 1 4	158 8 16	28	70 1 3	3	4		. 2	4	
83 603 2 253	288 1	1, 580 1, 580 1 2 117	1,396 714	975 6, 136 2 5 101	4, 335 2, 140 1 0	1,470 17 8,789 7 18 53	6,202 3 3,306 3 2 10	1,061 8 6,314 1 16 23	3,851 1 2,552 1 5	5,345 5,345 7	i	- 6	547	397 3 1,907 1 3	67 85	286	3	75	19	17 18 19 20 21
179 2 4	120 97	3 3 202 5 13	12 1 200 1 385	6 33 543 18 45 4 2	29	108 745 26 44	28 17 444 3 930	1 96 563 15 21	5 21 317 4	350 350		100 100 10	10 52	12 67	16	13	1	3	-]	14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
		1 0 31		6 37 178		1 2 11 154 367 883		5 2 14 182 247	1					19	2				2	1
1		28 4 17 8 5		206 22 81 58 41		883 1 73 188 156 102 10 54		1, 272 5 41 180 163 103		1,174 8 42 120 100 67 8 47		36 166 50 700 25 50 50 50 50 50 50 50 50 50 50 50 50 50		24	}	27				- 30 - 31 - 32 - 33 - 35 - 36 - 37 - 38 - 39 - 40 - 41 - 42 - 43
1		1		1 25 1	1 81	១	276	58 8	494	. 6		1	1	- 1	-	[			4	42 43 44
19 52 2 486 17	137	30 109 8 856 27 11	17 1 293	100 415 22 1,405 174 62	633	164 691 28 1, 152 494 156	3 494 3 170	198 348 26 571 671 241	1 151 3 264	113 141 33 440 591 425 2, 587	35		8	10 10 204 153 337	1	- 1 1 43 20 48		. 1 . 6	2	45
117 859 20 4	132 119	238 1, 143 26 8 1, 668	161 205	780 2, 766 98 23 1 6, 310	58 319 404	1,782 3,571 141 25 18 10,007	892 624	2, 286 2, 965 118 14 25 6, 770	464 700	2, 407 95 7 46 4, 334	372	1, 622 63 7 39 2, 257	181 100 248	766 22 2 17 770	70	111	[ 3	43		51 52 53 54 55
747 7, 668 4, 574 7	634 5, 499 15, 423	3, 448 9, 076 7, 780	2, 344 6, 203 26, 835	16, 814 19, 412 23, 190	7, 918 16, 232 59, 014	43, 431 20, 569 42, 298	20, 155 28, 259 64, 264	45, 152 12, 161 34, 522	27, 999 25, 886 30, 641	26,730 8,337 17,629	23, 001 17, 027 10, 255	10, 576 4, 802 6, 162	9,700 7,630 2,493	2,897 1,901 1,300	2, 123 1, 972 300	332 297 132	158 223 42	291 218 253	130 193 236	56 57 58 59
19, 967	130, 424	22, 800	148,587		350, 331	187, 338	515, 141	186, 635	459, 241		361, 080		213,939	ļ	86, 305	7,008	14, 209	963	3,883	60
				2 1	1	5 5 4	1 6	13 9 4	2 7	9 8 3	2	10 3 3 16	ī	2 2	2					62 63 64
7 34 2 110	28 35	36 37	96 107	8 49 35 4 122 1 16	322 8	27 847 86 7 261 2 17	17 271 4 576	822 47 7 196 3 11	50 178 1 440 2 1	934 54 5 175 3	308 1	613 35 3 110 5	33 43 183	231 23 51 3	13 11 36 1	54 11 8 1	7 1 5		4	65 66 67 68 69 70 71
	22	3	93	1 3 1 1 14	8 2 199	1 2 3 3 34	1 155	4 9 2 5 67	55 1	1 4 2 8 57	2 27 1	2 14 44	1 9 1	7 18	1 2 2	6				72 73
1 2		10 18 9 2		62 160 5 50 6 8	1	136 911 31 180 18 18	1	1, 351 34 203 15 23 9		62 1, 439 24 144 13 17		1, 024 18 62 5 11		6 427 6 27 2 3		35 1 1 1		4		74 75 76 77 78 79 80 81 82

#### TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY DOMESTIC AND

===					11		T	n-born	NEC	200	OWITZER	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	NATIVE	WHITE	WI	HTE	NA.	1	OTHER	
					Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
	Domestic and personal service (not elsewhere classified)—Continued.											
$\frac{1}{2}$	Barbers, hairdressers, and manicurists	374, 290 18, 784	261, 096 18, 747	113, 194 37	165, 570 3, 237	88, 103 13	70, 784 5, 752	11, 795 6	21, 447 9, 481	12, 816 18	3, 295 277	480
3 4	Cemetery keepersCharwomen and cleaners	9, 762 40, 837	9,705 15,065	57 25, 772	7, 667 5, 282	8, 613	1, 639 6, 071	9, 054	346 3,324	7, 948	53 388	157
5 6	Baotblacks.  Cemetery keepers. Chawomen and cleaners. Chaufleurs and truck and tractor drivers. Draymen, teamsters, and earriage drivers. Elevator tenders.	94, 270 507	94, 005 507	265	45, 668 306	152	15, 203 140	23	32, 316 59	86	818 2	4
7 8 0	Elevator tenders	U, 200	25, 809 5, 250	4, 559	11, 771 1, 717	2, 860	7, 010 2, 018	414	6, 892 1, 506	1, 270	226	15
10 11	Housekeepers and stewards.	4, 172 195, 808 6, 219	4, 140 1, 808 6, 132	194, 000 87	2, 478 994 4, 965	142, 166 78	1, 358 486 348	34, 209 8	282 269 235	15, 830	59 584	1, 780
12 13	Housekeepers and stowards.  Hunters, trappers, and guides Janitors and sextons. Laborers.  Laburers.  Launderers and laundresses.	105, 191 53, 351	87, 521 51, 084	17, 670 2, 267	32, 316 20, 090	7, 475 1, 083	26, 295 11, 204	7, 538	27, 553 18, 436	2, 549 907	1, 357 1, 354	108
14 15	Launderers and laundresses	357, 525 3, 566	3, 981	353, 544 3, 566	1, 480	64, 322	333	14, 335	1, 885	268, 214 1, 787	283	6, 673 115
16 17	Midwives Nurses (not trained) Policemen Porters	153, 443 135	13, 867 135	139, 576	8, 981 91	103, 398	2, 523 41	21, 808	2, 207 3	14, 058	156	312
18	Corvente:	24, 461	24, 456	5	2, 402		3, 756		18, 170	5	128	
19 20 21	Cooks	273, 594 1, 240, 086 12, 131	16, 282 85, 346	257, 312 1,154,740	3, 292 23, 381	29, 054 477, 130	2, 150 17, 514	28, 416 206, 986	7, 145 38, 396	198, 656 455, 690	8, 695 6, 055	1, 186 14, 928
22	All other occupations	18, 041	1, 255 16, 289	10,876 1,752	370 8, 990	2, 663 983	5, 793	6, 839 483	577 1, 314	1, 322 273	109 192	52 13
23	Laundries	310, 379	134, 738	175, 641	84, 261	105, 095	24, 530	18, 645	12,768	47, 842	13, 179	4, 059
24 25 26	Owners and proprietors ! Managers and officials Foremen and overseers	15, 440 9, 105 6, 337	14, 474 8, 008 3, 583	966 1, 097 2, 754	5, 815 6, 338 2, 908	596 897 2, 316	4, 537 1, 281 563	276 153 350	184 55 86	63 33 79	3, 938 334 26	31 14 0
	Chemists	33	32	1	25	1	7					1
27 28 29 30	Civil engineers and surveyors	13 15	13 14	1	11 14	i	2	l				
31 32	Draftsmen. Electrical engineers. Mechanical engineers.	24 65 16	24 65		18 57		6 6		2			
33	Trained nursesOther professional pursuits	8	6	16 2	6	14 2		2				
34 35	Accountants and auditors	265 35	229 27	36 8	199 26	36 8	30 1					
35 36 37	Agents (not elsewhere classified) Bookkeepers and cashiers	302 5, 929	171 893	131 5, 036	149 761	122 4, 672	19 99	9 335	$\frac{2}{3}$	19	1 30	10
38 39 40	Canvassers Clerks.	8, 942 6, 949	8, 644 1, 775	298 5, 174	7, 522 1, 421	256 4, 664	1, 076 245	35 362	26 45	124	20 64	3 24
41 42	Commercial travelers	211 94 17	194 92 13	17 2 4	149 80 12	16 2 4	44 12 1		1			
43 44	Messenger, errand, and office boys and girls Office appliance operators	298 59 17	196	102 54	130	90 50	$2\overline{4}$	6	31	6	2	
45 46	Purchasing agents	6	12 6	5	10 6	4	2	î	**********			
47 48 49	Collectors. Commercial travelers. Credit men. Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents Sales agents. Shipping clerks. Stenographers and typists. Weighers.	2, 036	241 39	72 1, 997	188 36	59 1, 878	89 3	12 111	10	1 6	4	2
50	Boiler makers	137	102	35	73	26	20	4	8	4	1	1
51 52 53	CarpentersElectricians	94 110	94		64 84		24 23		5 3		i	
53 54 55	Electricians Engineers (stationary) Machinists	2, 844 870	879		2, 060 606		636 206		142 52		6	
56 57	Mechanics (not otherwise specified)	750 49 18	750  - 49  -		582 41		118 6		47 2		5	
58 59	Plumbers and gas and steam fitters Tinsmiths and sheet-metal workers	52 17	18 52 17		16 45 12		6				·	
60	Other skilled trades	43	42	1	28		3 13	1	2		i	
61 62 63	Charwomen and cleanersChauffeurs and truck and tractor drivers 2	10, 517	7 10, 511	37 6	9, 136	13	1,012	8	320	18	43	
64 65	Deliverymen <sup>1</sup> Draymen, teamsters, and carriage drivers Elevator tenders	20, 573 145	20, 558 145	15	16, 104 115	12	3, 823 21	2	503	î	128	
66 67	Guards, watchmen, and doorkeepers.	1,682 847	1,682	5	48 910	3	11 293		26 471	2	1 8	
68 69	Housekeepers and stewards 3	25 495	845 4 461	2 21	481	14	236	5 -	117	·	11	1
70 71	Laborers Oilers of machinery	19, 293	11,001	8, 292	5,849 18	4,908	96 1, 659	10 649	173 2, 785	2, 503	708	232
72 73	Policemen	194, 501 17	45, 087 17	149, 414	21, 821	84, 410	8, 200	16, 310	7, 160	44, 963	7,816	3, 731
74 75	All other occupations	563 31	563 25	6	16	5	07		489	1	3	
76	Cleaning, dyeing, and pressing shops	109, 245	78, 618	30, 627	48, 124	23, 576	16, 876	3,490	13, 340	3, 290	778	271
77 78	Owners and proprietors Managers and officials	16, 275 5, 841	15, 207 4, 615	1, 068 1, 226	8,898	778	4,691	211	1, 398	66	220	13
	Foremen and overseersSome owners of hand laundries probably are included	819	470	349	3, 588 337	1, 118 281	740 119	58	261 12	8	26	5 2

Some owners of hand laundries probably are included with laundry operatives.
 Some deliverymen probably were returned and classified as chauffeurs.
 Includes hostesses and matrons.

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

PERSONAL SERVICE—Continued

	7 YEARS LD	18 AI YEAR	ND 10 S OLD		4 YEARS LD	25 TO 34 OL		35 TO 4	4 YEARS	45 TO 54		55 TO 64 OI		65 TO 74 OI	YEARS D	75 YE AND C	ARS OVER	AG UNKN		
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	3
2, 947 3, 678 243 875 6 564	2, 368 8 358 6	5, 622 2, 187 41 431 2, 803 5 1, 701	6, 334 4 502 31	24, 592 2, 830 281 1, 552 14, 505 35 4, 977	23, 751 4 1 1, 415 54 1, 293	69, 457 3, 132 775 4, 089 36, 345 84	41, 945 9 6 4, 853 77	75, 581 3, 374 1, 358 4, 675 25, 542 112 4, 535	27, 006 8 9 8, 309 55	50, 692 2, 207 1, 998 2, 632 10, 543 122 3, 290	9, 101 3 24 6, 107 30	24, 341 940 2, 606 999 2, 801 105 2, 406	2, 074 1 10 3, 118 7	6,850 325 2,109 344 473 84 1,431	410 6 963 4	784 52 528 78 28 4 237	51 1 100	230 22 10 22 90	154 -47 1 -6	_] (
13 2 143 541 2, 207 141	2 48 120 5, 822	47 13 28 202 910 2,039 116	6, 271 2 86 112 7, 990	303 68 108 626 3,777 5,215 310	2 15, 966 12 699	6, 734 1, 153 285 291 1, 366 13, 856 8, 830 716	8 27, 788 25 3, 589 446 73, 477 165 23, 162	1, 373 518 355 1, 362 20, 470 9, 451 932	5 36, 522 18 5, 713 515 96, 448 629 27, 155	3, 290 1, 259 918 436 1, 099 21, 232 9, 728 886	7 43, 861 12 4, 171 438 81, 826 1, 084 33, 433	2, 406 781 1, 312 341 825 15, 854 7, 095 541	8 39, 559 12 2, 316 238 41, 652 979 26, 986	315 868 204 388 9, 002 4, 600 268	2 20, 225 4 900 119 15, 419 523 9, 783	54 151 40 117 1,782 1,195 63	3, 572 135 23 2, 918 165 884	24 2 5 5 4 97 04 8	236 13 0 520 3 277	10 11 11 11 14 14 14 14 14 14
1, 022 116 7, 167 89 57	3, 645 117, 366 378 19	1, 367 413 4, 095 77 133	12, 783 109,328 681 27	3, 859 1, 633 11, 092 235 702	43, 690 218, 033 2, 470 100	6, 828 4, 040 20, 287 298 2, 953	74, 077 259, 133 3, 609 290	30 5, 450 4, 032 16, 850 242 4, 694	58, 634 194, 049 2, 125 553	3, 573 3, 158 12, 723 186 4, 110	39, 357 139, 324 1, 125 430	26 1, 673 1, 847 7, 669 91 2, 507	17, 668 78, 313 400 246	790	5, 871 31, 856 62 75	180 1, 244 5 109	999 5, 332 6 10	73 214 3 9	588 2,006 20 2	$\begin{bmatrix} 1\\2\\2 \end{bmatrix}$
4, 085	10, 842	6, 104 30	15, 684	18, 832	32, 686 17 90	40,019 2,795 2,170	44, 917	32, 002 4, 489	38, 280	20, 592	22, 390 204	9,718	8, 375 159	2, 921 589 206	2, 055 33 27	356 68 24	227	109	235	Œ
		36 38 1	71	441 331 6	90 277	2,170 1,146 14	230 696	2, 442 1, 038	341 927	1,819 694 3	293 534	867 283	112 203	206 46	27 38	24 4	3 5	9 3 3	3	2
		1 1	4	1 4 2 7	6	2 6 6 16	1	3 2 9 19	1	2 1 4 12		5 1 8	1	2 3						- 2 2 2 3 3 3 3
11 27 115 3	103 5 313	8 1 55 92 233 6 2	1 512 12 634	17 6 15 190 1,001 436 20 8	3 2 20 1,445 26 1,428	86 9 54 277 3,455 441 61 33	14 1 41 1, 584 84 1, 401	59 5 50 161 2, 394 242 38 26 5	13 36 898 66 854 5	37 5 34 105 1,221 170 38 15	4 4 25 388 67 411 4	21 11 61 368 89 25	1 5 92 28 97 1	4 29 78 30 2 3	3 10 10 28	2 4 6 7 1	4	2 3	4	33333444
118 1 24 1 18	5 122 9	21 8 20	26 7 	22 1 2 2 65 12 26	34 21 1 20 815 8	4 5 1 2 2 51 10 18	2 16 20 2 2 14 481 8	5 3 1 1 25 6 13	14 132 5	3 26 2 4	5 2 5 28 28	1 4 1 18	3 3 2	9		2	1			4: 4: 4: 4: 4:
2		9 26 25		1 2 7 65 102 87		4 16 46 427 236 290 12 4 14		20 31 779 243 193 13 6		3 24 18 870 161 95 16 4 12		1 23 6 523 86 49 7		1 7 2 155 23 10 1		2 13 1		1 1 1		50 51 52 58 54 55 56 57 58
141 492 2 8 9 3	1	1 497 887 6 8 21	1	7 1 2, 244 3, 789 29 11 120 23	1 2 3	6 8 3 4, 368 8, 266 60 14 361 52	6 3 4	2 2, 158 4, 610 27 13 444 90	18 2 4	855 1,862 15 18 408 213	7 1 3	211 520 4 5 221 245	5	31 115 2 8 88 187	2	1 7 1 9 31	1	5 10		59 60 61 62 63 64 65 66 67
9 805 2 2,265 18 11	664 9,607	18 989 4 2, 972	856 13, 081	25 2,076 2 7,139	1, 591 26, 866	65 2, 941 7 11, 983 6 160	2, 068	2, 019 2, 019 10, 089 6 119 3	8 12 1, 703 32, 878	106 1, 258	944	97 655 2 3, 128 1 34	2 5 374 7,277	1 -	1 80 1,821	8 30 2 130	202	13	217	66 67 68 69 70 71 72 73 74 75
2, 367	1, 250	4, 805	2,427	14, 478	5, 867	24, 600 4, 263	8, 505	18, 384 5, 388 1, 420	7, 871	9, 652 3, 246	3, 694 259 222 82	3, 602 1, 164 236 20	1,217 112 75 28	1,036	238	145	29	12	29	76 77 78 79

# Table 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

DOMESTIC AT

[In this table, the occupations of each industry are presented in most cases in five groups: Proprietary, official,

			,		· coon made					6		y, Omiciai
	INDUSTRY AND OCCUPATION	Total	Male	Female	NATIVE	WHITE	FOREIG WH	N-BORN ITE	NEG	RO	OTHER	RACES
				2 022410	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
•	Cleaning, dyeing, and pressing shops—Con.											
1 2 3	Chemists Mechanical engineers Other professional pursults	92 13 12	86 13 10	6	56 12 6	6	23 1 3		6		1	
4 5	Accountants and auditors Advertising agents	89 33	76 25	13 8	67 22	12	9	1				
6 7 8 9 10	Advertising agents Agents (not elsewhere classified) Bookkeepers and cashlers Canvassers Clerks. Collectors. Commercial travelers.	2, 773 5, 207 156	86 417 2,451 1,029 120	24 3, 115 322 4, 178 36	68 368 2, 105 885	22 2, 902 286 3, 831 34	17 47 324 117	2 183 34 296	1 15 23 1	29 1 37	2 7 4	1 1 14 14
12 13 14 15 16	Credit men Messenger, errand, and office boys and girls. Salesmen and saleswomen. Shipping clerks. Stenographers and typists. Other clerical pursuits.	87 18 293 788 250 904	86 13 183 618 139	1 110 170 111 890	75 13 144 534 112 12	1 4 103 151 96 831	11 9 81 19	1 4 17 8 56	30	3 2 7 2	3	
17 18 19 20 21 22 23 24	Other clerical pursuits  Carpenters Electricians Engineers (stationary) Machinists Mechanics (not otherwise specified) Plumbers and gas and steam fitters Other skilled trades	19 11 27 303 99 166 15 20	13 11 27 303 90 166 15	6	11 6 22	6	5 4 71 27 30 2		2 1 9 6 10 3			1
25 26 27 28 29 30 31 32 33 34	Charwomen and cleaners Chauffeurs and truck and tractor drivers Draymen, teamsters, and carriage drivers Firemen Guards, watchmen, and doorkeepers Janitors Laborers Operatives (not otherwise specified) Porters All other occupations	32 4,986 121 185 334 102 4,540 60,634 333 17	25 4, 983 121 185 333 89 3, 910 42, 313 333 14	7 3 1 13 639 18, 321	14 4, 407 101 88 184 24 2, 169 23, 220 17 11	2 1 8 434 12,657	6 355 19	3 48 2,471	1 7 210 1 60 31 43 1,241 9,661 296	1, 2 147 2, 970	11 1 3 35 461	10 223

NOT SPECIFIED

35	Not specified industries and services	1, 887, 689	1, 101, 680	286, 009	762, 969	203, 701	156, 910	21, 377	148, 967	9, 915	32, 834	1,016
36 37 38 39	Builders and building contractors.  Owners, operators, and proprietors.  Managers and officials.  Foremen and overseers.		641 972 7, 451 3, 570	102 762 363	544 739 6, 475 2, 907	80 653 304	82 226 903 592	18 106 58	12 4 63 52	3 2	3 3 10 19	1 1
40 41 42 43 44 45 46 47 48 49	Chemists, assayers, and metallurgists. Civil engineers and surveyors. Designers. Draftsmen. Electrical engineers. Lawyers, judges, and justices. Mechanical engineers 1 Mining engineers 2 Photographers Social and welfare workers. Trained nurses.	2, 083 446 2, 869 1, 293 450	504 2, 083 253 2, 702 1, 292 437 1, 826 218 31	17 193 77 1 13 3	421 1,901 146 2,288 1,169 404 1,501 194 27	13 156 67 1 10 3	76 171 106 495 117 83 316 23	35 10	3 3 3 4	1	4 8 1 6 2	1
50 51 52 53	Trained nurses  Accountants and auditors  Advertising agents  Agents (not elsewhere classified)  Bookkeepers and cashiers	16, 310 388 3, 491	13 6 15, 103 327 3, 159	48 75 1, 207	10 4 13, 089 294	40 67 1, 125 53	3 2 1,994 32	6 81 8	11 1	3 2	9	1
54 55 56 57 58 59 60	Carly assers Clerks Collectors Commercial travelers Credit man	46, 992 728 117, 723 3, 105 1, 335 508 5, 253	15, 277 519 55, 910 2, 803 1, 296 463	31, 715 209 61, 813 302 39 45	2, 754 13, 340 489 49, 375 2, 460 1, 198 425	284 27, 916 187 56, 392 290 35 43	368 1, 813 69 5, 858 312 82 38	32 3, 659 13 5, 017 8 3	27 51 7 485 16 9	15 113 9 341 3 1	10 73 4 192 15 7	27 63 1
61 62 63 64 65	Messenger, errand, and office boys and girls. Office appliance operators. Purchasing agents Sales agents Salesmen and saleswomen. Salesmen and saleswomen.	6, 646 1, 102 26 918	4, 904 805 981 24 824	5, 841 121 2 94	4, 254 712 898 23 763	282 5,488 102 2 80	334 80 78 1 58	30 342 19	290 10 4	29 6 2	26 3 1	8 5
68	Shipping clerks Stenographers and typists Weighers Blacksmiths.	4, 367 90, 830 257 2, 831	4, 209 3, 547 244	87, 283 13	3, 289 3, 240 213	130 80, 771 12	772 253 26	5, 866 1	139 31 3	5 540	2 9 23 2	106
75 76 77 78	Brick and stone masons and tile layers Cabinetmakers. Carpenters Coment finishers. Compositors, linotypers, and typesetters Coopers Coppersmiths Cranemen, derickmen, hoistmen, etc Electricians	348 130 147 467 64 217 65 00 5, 946 3, 617	348   130   147   467   64   187	30	28 169	28	82 - 39   60   100   16   17   14   26   -	2	1 17 19 1 13		72 3 2 10 1	
. 1	Includes, also, all technical engineers not elsewhere cla	assified.	0,017  -		0, 220		300 [		31		11  -	

#### OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930—Continued

#### PERSONAL SERVICE—Continued

and supervisory pursuits; professional pursuits; clerical and kindred pursuits; skilled trades; and other pursuits]

	7 YEARS LD	18 AN YEAR		20 TO 24 OL		25 TO 34 OLI		35 TO 44 OL		45 TO 54 OL		55 TO 64 OL		85 TO 74 OI		75 YE AND C		AG UNKN		
Malo	Fe- male	Malo	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	
1 171 3 3 3 4 4293 1, 601 42 3 3	10 48 1	1 3 20 80 115 11 1 1 1 29 15 18 8 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 12 16 202 1 16 202 1	14 1 1 12 8 10 113 456 656 801 110 2 2 20 115 44 4 2 2 1,723 36 10 122 1,723 36 1,007 9,053 9,053	1 2 4 4 1,007 54 4 1,101 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	33 2 3 18 7 7 24 144 963 3 278 4 42 230 31 1 4 4 4 29 9 61 7 6 6 1 2 1 7 6 6 1 1 7 6 6 1 1 1 7 6 1 1 1 1 1 1	2 9 2 3 953 94 1, 203 10 3 22 48 24 191 	581 22 48 23 18 592 8, 893 41	1 2 2 4 4 5552 70 725 7 1 122 32 18 48 1 1	319	3 72 2,496	148 1, 506	22 860	27 27 27 21 21 21 31 44 42 42	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1 20	1 2 3 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16 10 7 18 19 20 21 23 24 25 25 25 31 32 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3

#### INDUSTRIES AND SERVICES

40, 607	15, 225	66, 477	34, 203	170, 489	75, 946	242, 101	60, 858	203, 387	27, 588	174, 404	13, 564	124, 698	5, 744	63, 353	1, 803	11, 984	384	4, 200	694	35
	6	1 2 20 21	1 0 14	13 21 332 190	4 66 54	125 167 1, 858 874	17 220 104	203 271 2, 435 1, 083	24 222 92	177 250 1,719 825	24 140 59	95 187 809 419	17 71 25	24 48 236 135	10 20 8	3 21 26 15	11 	5 16 5	1 3 1	36 37 38 39
2 2 3 3 3,005 12 239 8,005 12 2,051	1, 423 2, 4, 361 1 122 273	3 172	14 3 3 3 3 1 1 64 1 7 4,206 3 8,790 13 1 66 892	190 80 286 27 774 19 110 120 5 	4 	874 170 704 73 1,070 677 125 596 42 2 1 5,357 124 818 4,686 147 14,588 993 993 395 181 107	104 10 50 33 7 2 1 8 25 407 24 78 8, 989 29 16, 814 67 13 21 30 1, 901	1, 083 115 509 70 450 332 137 520 8 6 1 3, 912 652 2, 301 17, 320 583 374 113 85 71	92 1 55 15 1 14 17 297 13 92 3, 945 54 7, 506 8 8 10 24 423 333	825 63 326 45 221 177 86 395 37 3 2 2, 117 40 646 1, 515 82 4, 243 520 252 62 63 36	28 44 	44 129 20 71 40 48 146 2 2 1 1,045 90 90 2,423 436 119 28 87 74 17	10 6 6 1 1 1 6 4 41 5 31 503 89 1,076 20 4 2 8 15 20	12 51 11 22 11 20 44 4 1 357 3 3138 422 39 934 477 9 54 47 9	1 1 1 7 9 74 11 186 11 1 1	1 1 2 3 5 5 144 556 4 4 1 8 2 5 5	1 7 6 23 1	2 1 3 6 3 1 24 3 17 97 3 6 24 1	1 2	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 66 66 66 66 66 67
5 211 206	2 8 5, 203	8 1 10 436 552	1 4 23 15,411	5 107 982 1, 336	15 54 34,093 6	282 4 277 1,074 862 39	20 35 22, 804	7 228 685 337 61	25 18 6, 907	5 116 474 151 52	20 16 2, 113 2	1 53 260 74 37	5 3 513 2	1 22 77 19 33	3	3 7 4 6	13	3 3 6	1 116	
3		30 4 1 3 4 11 4 62 108	3	12 152 17 13 9 27 6 39 1 3 558 662	5	422 88 29 28 79 19 45 12 13 2,013 1,392	5	721 104 29 35 131 12 37 18 16 1,896	8	715 82 33 34 109 18 33 16 13 1,016	8	503 39 19 24 70 9 11 13 6 333 154	1	232 12 5 12 39 8 4 4 53 26		52 1 1 2 8 		4 6		68 69 70 71 72 73 74 75 76 77 78

<sup>&</sup>lt;sup>2</sup> Includes, also, chemical and metallurgical engineers.

TABLE 2.—PERSONS 10 YEARS OLD AND OVER IN EACH INDUSTRY OR SERVICE GROUP, BY

NOT SPECIFIED INDUSTRIES

			ne, and occu									
					NATIVE	WHITE		n-born hte	NEC	iro	отнен	RACES
	INDUSTRY AND OCCUPATION	Total	Male	Female	Male	Female	Male	Fe- male	Male	Female	Male	Fe- male
1	Not specified industries and services—Con, Engineers (stationary)	22, 421	22, 419	2	17, 523	. 2	4, 463		379		54	
2 3 4	Engravers  Forgemen and hammermen  Goldsmiths and silversmiths	193 42 35	190 42 35	3	154 31 18	2	36 10 11	1	1 4		2	
5 6 7	Machinists  Mechanics (not otherwise specified)	6, 631 7, 326 453	6, 631 7, 325 453	1	4, 786 5, 833 357	1	1,776 1,106 94		50 321 2		19 65	
8 9 10 11 12 13 14	Millwrights Molders, founders, and easters (metal): Iron molders, founders, and easters All other molders, founders, and easters. Painters, glaziers, and varnishers (building) Pattern and model makers. Plumbers and gas and steam fitters. Sawyers. Skilled occupations (not elsewhere classified) 1	36 15 1,889 257 630 80 88	36 1,889 256 630 80 80	1	22 11 1,391 192 524 68 59	1	13 3 434 62 92 5	1	1 1 58 1 9 7		6 1 5	
15 16 17 18 19 20	Stonecutters.  Structural iron workers (building).  Tinsmiths and sheet metal workers.  Toolmakers and die setters and sinkers.  Upholsterers.  Other skilled trades.	219 43 201 269 182 11	219 43 261 269 125	7	127 38 193 187 90 8	5	85 58 80 27 3	2	6 1 8		4 1	
38	Apprentices:  Designers' and draftsmen's apprentices.  Electricians' apprentices.  Machinists' apprentices.  Other apprentices.  Buffers and polishers (metal)  Charwomen and cleaners.  Chauffeurs and truck and tractor drivers.  Cooks.  Draymen and teamsters.  Dyers.  Elevator tenders.  Filers (metal).  Firemen.  General and not specified laborers.  Grinders (metal).  Guards, watchmen, and doorkeepers.  Housekeepers and stowards.  Janitors.  Oilers of machinery.  Operatives (not otherwise specified).  Pointers, glaziers, and varnishers (factory).  Pollemen.  Portors.  Waiters.  All other occupations.	40 48 66 75 110 1, 086 88, 428 985 9, 673 35 6, 577 96 9, 850 695, 865 44 6, 991 218 3, 708 1, 708 1, 152 109 208 1, 222 410	47 47 68, 365 239 9, 605 34 5, 163 96 9, 860 684, 457 44 6, 951 71 3, 146 123, 252 105 201 1, 222 168	2 1 3 089 63 186 8 1, 424 11, 408 40 147 622 29, 900 4 7	46 44 62 65 78 177 54,748 93 7,121 2,895 6,207 439,454 33 4,239 4,239 1,273 36,881 76 86,881 76 159 197 74	2 1 2 2 2 2 1 43 43 2 1 941 5, 502 24 95 294 21, 019 4 5	1 4 4 5 30 91 7, 078 80 92 41 10 1, 272 2, 335 92, 341 10 22, 335 92, 347 10 23, 381 26 40 41 44 46	782 782 15 39 233 4,528 2	1 114 5, 964 61 1, 515 2 937 2 1, 269 123, 898 1 338 31, 028 14 10, 375 2 2 797 46	118 138 97 0 389 	1 1 15 580 5 105 149 28,764 1 37 37 37 0 2,415	1 2 2 504 1 1 1 2 2 8 1 5 5 5

<sup>1</sup> Most of these were returned as "wood carvers" or as metal "hardeners," "Inspectors," and "refiners."

OCCUPATION, SEX, COLOR, NATIVITY, AND AGE, FOR THE UNITED STATES: 1930-Continued

AND SERVICES-Continued

	7 YEARS LD	18 AN YEAR		20 TO 20	YEARS D	25 TO 34 OLI		35 TO 44		45 TO 54 OL		55 TO 64 OL		85 TO 74 OLI		75 YR AND C	ARS	NUNKN	OWN
Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Malo	Fo- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
11		106 9 2 134 240 2 4 12 2 5 3 7 4	1	1, 103 29 9 22 702 1, 008 22 2 1 1 191 24 69 69 5 10 114 7 7 34 22 22 17	I	4, 331 48 15 3 1, 756 2, 370 60 105 60 105 20 13 31 7 50 81 81 34 4	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5,750 43 11 12 1,800 1,761 100 2 480 64 186 18 43 18 43 18 43 18 43 17 4	1	5, 548 29 3, 7 1, 252 1, 036 128 7 9 380 53 104 20 20 21 36 55 55 22 47 22	1	3, 815 17 2 9 9 605 542 02 2 7 1 234 30 49 15 14 51 51 14 51 15 14	1	1,496 12 282 217 88 3 3 88 19 14 4 4 5 18 5 14 1	2	177 2 35 48 9		44 1 5 18 2	
44 37 45 39 41,132 177 138 1 48 24,478 1 10 33 6,648	2 1 1 5 2  736 3 3 2,991 1	1 4 11 1 9 2 2 7 3, 945 5 5 259 1 880 9 139 139 139 139 139 139 139 139 139 1	7 197 731 2 5 3,683	2 6 6 8 16 13 13 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	20 12 17 1 481 1,466 1 10 27 6,222 1 1	2 6 20 27,046 58 1,579 10 1,091 2,227 133,297 121 421 402 150 25,144 48 304 53 3	112 15 42 1 1 434 2,165 9 17 96 6,115	1 20 128 12,941 17,941 18,55 9 896 20 2,641 124,792 6 786 24 689 107 20,077 18 44 203 45 9	221 15 36 1 178 2,400 6 36 183 4,526 1 3	1 35 4,891 2,167 9 0 2,167 20 2,297 119,461 9 1,487 04 4 704 4 704 4 704 4 8 220 10,027 119,8 8	172 6 20 1 71 2,046 11 33 162 3,300 1 1	18 20 1,402 25 1,741 602 22 1,314 89,707 16 607 33 11,767 10 42 122 127 2	2 15 3 25 1, 180 15 38 105 1, 813 5 5	16 418 47,400 5 1,502 4 374	30 7 1 5 632 8 9 38 708	5 41 8,017 207 2 80	1	14	1 1 25 1 358