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#### ACKNOWLEDGMENTS

This report was prepared by **John A. Priebe**, **Joan Heinkel**, and **Stanley Greene**, Statisticians (Demography) and Chief, respectively, of the Labor Force Statistics Branch under the general direction of **Murray S. Weitzman**, Assistant Chief (Socioeconomic Statistics Programs), Population Division. The data shown in this report were first calculated by the Occupation and Industry Classification Unit of the Branch for the purpose of presenting comparable 1960 data in Volume I of the 1970 Census of Population publications. **G. Marie Dodd**, Chief, was assisted by **Mary Dant**, **Stella Dondero**, **Blanche Glascoe**, **Theresa Keyser**, **Minnetta Miller**, and **Juell Young**.

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**26**

# **1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements**

by **John A. Priebe, Joan Heinkel, and Stanley Greene**

*Issued July 1972*



## **U. S. DEPARTMENT OF COMMERCE**

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**James T. Lynn**, Under Secretary

**Harold C. Passer**, Assistant Secretary for Economic Affairs  
and Administrator,

**Social and Economic Statistics Administration**

## **BUREAU OF THE CENSUS**

**George Hay Brown**, Director

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM

1970 code	1970 industry categories with a listing of 1960 component categories and codes	1960 codes	Male		Female		Percent of 1960 category in this 1970 category	
			Experienced-civilian labor force	Percent of 1970 category	Experienced-civilian labor force	Percent of 1970 category		
017	Agricultural production.....		3,716,424	100.000	(X)	413,542	100.000	(X)
	Agriculture	016	3,715,863	99.985	93.523	413,542	100.000	93.510
	Forestry	017	561	0.015	1.205	-	-	-
018	Agricultural services, except horticultural.....		129,014	100.000	(X)	22,827	100.000	(X)
	Agriculture	016	129,014	100.000	3.247	22,827	100.000	5.162
019	Horticultural services.....		128,337	100.000	(X)	5,868	100.000	(X)
	Agriculture	016	128,337	100.000	3.230	5,868	100.000	1.327
027	Forestry.....		45,289	100.000	(X)	6,004	100.000	(X)
	Forestry	017	45,289	100.000	97.590	6,004	100.000	100.000
028	Fisheries.....		49,429	100.000	(X)	2,037	100.000	(X)
	Fisheries	018	49,429	100.000	100.000	2,037	100.000	100.000
047	Metal mining.....		97,852	100.000	(X)	3,284	100.000	(X)
	Metal mining	126	97,852	100.000	100.000	3,284	100.000	100.000
048	Coal mining.....		228,701	100.000	(X)	3,292	100.000	(X)
	Coal mining	136	228,701	100.000	100.000	3,292	100.000	100.000
049	Crude petroleum and natural gas extractions.....		247,317	100.000	(X)	22,080	100.000	(X)
	Crude petroleum and natural gas extractions	146	247,317	100.000	100.000	22,080	100.000	100.000
057	Nonmetallic mining and quarrying, except fuel.....		106,714	100.000	(X)	4,421	100.000	(X)
	Nonmetallic mining and quarrying, except fuel	156	106,714	100.000	100.000	4,421	100.000	100.000
067	General building contractors.....		906,572	100.000	(X)	25,036	100.000	(X)
	Construction	196	906,572	100.000	21.894	25,036	100.000	15.498
068	General contractors, except building.....		728,155	100.000	(X)	27,421	100.000	(X)
	Construction	196	728,155	100.000	17.585	27,421	100.000	16.974
069	Special trade contractors.....		1,623,626	100.000	(X)	56,043	100.000	(X)
	Construction	196	1,623,626	100.000	39.211	56,043	100.000	34.686
077	Not specified construction.....		882,396	100.000	(X)	53,058	100.000	(X)
	Construction	196	882,396	100.000	21.310	53,058	100.000	32.841
107	Logging.....		191,693	100.000	(X)	2,852	100.000	(X)
	Forestry	017	561	0.293	1.205	-	-	-
	Logging	206	191,132	99.707	100.000	2,852	100.000	100.000
108	Sawmills, planing mills, and millwork.....		431,764	100.000	(X)	20,987	100.000	(X)

	Sawmills, planing mills, and millwork	207	431,764	100.000	100.000	20,987	100.000	100.000
109	Miscellaneous wood products.....		93,130	100.000	(X)	19,739	100.000	(X)
	Miscellaneous wood products	208	89,960	96.596	100.000	19,127	96.900	100.000
	Pulp, paper, and paperboard mills	386	3,170	3.404	1.220	612	3.100	1.639
118	Furniture and fixtures.....		329,653	100.000	(X)	71,167	100.000	(X)
	Furniture and fixtures	209	329,653	100.000	100.000	71,167	100.000	100.000
119	Glass and glass products.....		130,276	100.000	(X)	45,689	100.000	(X)
	Glass and glass products	216	130,276	100.000	100.000	45,689	100.000	100.000
127	Cement, concrete, gypsum, and plaster products.....		181,681	100.000	(X)	11,210	100.000	(X)
	Cement and concrete, gypsum, and plaster products	217	181,681	100.000	100.000	11,210	100.000	100.000
128	Structural clay products.....		77,574	100.000	(X)	10,080	100.000	(X)
	Structural clay products	218	77,574	100.000	100.000	10,080	100.000	100.000
137	Pottery and related products.....		30,892	100.000	(X)	15,945	100.000	(X)
	Pottery and related products	219	30,892	100.000	100.000	15,945	100.000	100.000
138	Miscellaneous nonmetallic mineral and stone products.....		111,178	100.000	(X)	22,547	100.000	(X)
	Miscellaneous nonmetallic mineral and stone products	236	111,178	100.000	100.000	22,547	100.000	100.000
139	Blast furnaces, steel works, rolling and finishing mills.....		618,217	100.000	(X)	33,056	100.000	(X)
	Blast furnaces, steel works, rolling & finishing mills	237	618,217	100.000	100.000	33,056	100.000	100.000
147	Other primary iron and steel industries.....		295,622	100.000	(X)	19,461	100.000	(X)
	Other primary iron and steel industries	238	294,869	99.745	100.000	19,461	100.000	100.000
	Miscellaneous fabricated metal products	248	753	0.255	0.108	-	-	-
148	Primary aluminum industries,.....		76,580	100.000	(X)	1,623	100.000	(X)
	Primary nonferrous industries	239	76,580	100.000	26.984	1,623	100.000	3.947
149	Other primary nonferrous industries.....		207,212	100.000	(X)	39,538	100.000	(X)
	Primary nonferrous industries	239	207,212	100.000	73.016	39,538	100.000	96.053
157	Cutlery, hand tools, and other hardware,.....		95,550	100.000	(X)	42,687	100.000	(X)
	Cutlery, hand tools, and other hardware	246	94,797	99.212	100.000	40,265	94.326	100.000
	Miscellaneous fabricated metal products	248	753	0.788	0.108	2,422	5.674	1.463
158	Fabricated structural metal products,.....		326,642	100.000	(X)	34,869	100.000	(X)
	Fabricated structural metal products	247	326,642	100.000	100.000	34,869	100.000	100.000
159	Screw machine products.....		47,676	100.000	(X)	9,705	100.000	(X)
	Miscellaneous fabricated metal products	248	47,676	100.000	6.826	9,705	100.000	5.854
167	Metal stamping,.....		91,561	100.000	(X)	39,630	100.000	(X)
	Miscellaneous fabricated metal products	248	91,561	100.000	13.109	39,630	100.000	23.902
168	Miscellaneous fabricated metal products.....		327,684	100.000	(X)	66,321	100.000	(X)
	Miscellaneous fabricated metal products	248	327,684	100.000	46.912	66,321	100.000	40.000
169	Not specified metal industries.....		5,720	100.000	(X)	1,460	100.000	(X)
	Not specified metal industries	249	5,720	100.000	100.000	1,460	100.000	100.000
177	Engines and turbines.....		66,387	100.000	(X)	12,680	100.000	(X)
	Miscellaneous machinery	258	66,387	100.000	5.765	12,680	100.000	7.438
178	Farm machinery and equipment.....		125,548	100.000	(X)	13,664	100.000	(X)

	Farm machinery and equipment	256	125,548	100.000	100.000	13,664	100.000	100
179	Construction and material handling machines.....		161,946	100.000	(X)	18,321	100.000	(X)
	Miscellaneous machinery	258	161,946	100.000	14.063	18,321	100.000	10.744
187	Metalworking machinery.....		183,030	100.000	(X)	19,727	100.000	(X)
	Miscellaneous machinery	258	183,030	100.000	15.894	19,727	100.000	11.570
188	Office and accounting machines.....		114,261	100.000	(X)	39,934	100.000	(X)
	Office, computing and accounting machines	257	114,261	100.000	88.261	39,934	100.000	93.846
189	Electronic computing equipment.....		15,194	100.000	(X)	2,618	100.000	(X)
	Office, computing and accounting machines	257	15,194	100.000	11.739	2,618	100.000	6.154
197	Machinery, except electrical, n.e.c.....		510,649	100.000	(X)	90,201	100.000	(X)
	Miscellaneous machinery	258	510,649	100.000	44.343	90,201	100.000	52.893
198	Not specified machinery.....		229,566	100.000	(X)	29,596	100.000	(X)
	Miscellaneous machinery	258	229,566	100.000	19.935	29,596	100.000	17.355
199	Household appliances.....		145,839	100.000	(X)	39,701	100.000	(X)
	Electrical machinery, equipment, and supplies	259	145,839	100.000	14.421	39,701	100.000	7.176
207	Radio, TV, and communication equipment.....		273,336	100.000	(X)	140,878	100.000	(X)
	Electrical machinery, equipment, and supplies	259	270,656	99.020	26.763	140,878	100.000	25.463
	Professional equipment and supplies	286	2,680	0.98	1.404	-	-	-
208	Electrical machinery, equipment, and supplies, n.e.c.....		445,783	100000	(X)	315,699	100.000	(X)
	Electrical machinery, equipment, and supplies	259	445,783	100000	44.081	315,699	100.000	57.060
209	Not specified electrical machinery, equipment, and supplies...		149,026	100000	(X)	56,995	100.000	(X)
	Electrical machinery, equipment, and supplies	259	149,026	100000	14.736	56,995	100.000	10.301
219	Motor vehicles and motor vehicle equipment.....		799,652	100.000	(X)	103,349	100.000	(X)
	Motor vehicles and motor vehicle equipment	267	799,652	100.000	100.000	103,349	100.000	100.000
227	Aircraft and parts.....		572,814	100.000	(X)	114,062	100.000	(X)
	Aircraft and parts	268	572,814	100.000	100.000	114,062	100.000	100.000
228	Ship and boat building and repairing.....		247,540	100.000	(X)	16,776	100.000	(X)
	Ship and boat building and repairing	269	247,540	100.000	100.000	16,776	100.000	100.000
229	Railroad locomotives and equipment.....		49,566	100.000	(X)	5,593	100.000	(X)
	Railroad and miscellaneous transportation equipment	276	49,566	100.000	59.829	5,593	100.000	57.894
237	Mobile dwellings and campers .....		22,655	100.000	(X)	2,037	100.000	(X)
	Railroad and miscellaneous transportation equipment	276	22,655	100.000	27.350	2,037	100.000	21.053
238	Cycles and miscellaneous transportation equipment.....		10,622	100.000	(X)	2,037	100.000	(X)
	Railroad and miscellaneous transportation equipment	276	10,622	100.000	12.821	2,037	100.000	21.053
239	Scientific and controlling instruments.....		73,593	100.000	(X)	27,361	100.000	(X)
	Professional equipment and supplies	286	73,593	100.000	38.596	27,361	100.000	32.456
247	Optical and health services supplies.....		47,499	100.000	(X)	34,752	100.000	(X)
	Professional equipment and supplies	286	47,499	100.000	24.912	34,752	100.000	41.228
248	Photographic equipment and supplies.....		48,083	100.000	(X)	18,174	100.000	(X)
	Photographic equipment and supplies	287	48,083	100.000	100.000	18,174	100.000	100.000
249	Watches, clocks, and clockwork-operated devices.....		15,751	100.000	(X)	15,760	100.000	(X)
	Watches, clocks, and clockwork-operated devices	289	15,751	100.000	100.000	15,760	100.000	100.000
257	Not specified professional equipment.....		56,194	100.000	(X)	21,442	100.000	(X)

	Professional equipment and supplies	286	56,194	100.000	29.473	21,442	100.000	25.439
258	Ordnance.....		240,750	100.000	(X)	48,453	100.000	(X)
	Miscellaneous fabricated metal products	248	230,048	95.555	32.936	47,714	98.475	28.780
	Professional equipment and supplies	286	10,702	4.445	5.614	739	1.525	0.877
259	Miscellaneous manufacturing industries.....		265,004	100.000	(X)	178,565	100.000	(X)
	Miscellaneous manufacturing industries	296	265,004	100.000	100.000	178,565	100.000	100.000
268	Meat products.....		254,029	100.000	(X)	86,311	100.000	(X)
	Meat products	306	254,029	100.000	100.000	86,311	100.000	100.000
269	Dairy products.....		280,356	100.000	(X)	44,860	100.000	(X)
	Dairy products	307	280,356	100.000	100.000	44,860	100.000	100.000
278	Canning and preserving fruits, vegetables, and seafoods.....		138,493	100.000	(X)	118,030	100.000	(X)
	Canning and preserving fruits, vegetables, & seafoods	308	138,493	100.000	100.000	118,030	100.000	100.000
279	Grain-mill products.....		132,453	100.000	(X)	21,854	100.000	(X)
	Grain-mill products	309	132,453	100.000	100.000	21,854	100.000	100.000
287	Bakery products.....		276,150	100.000	(X)	104,683	100.000	(X)
	Bakery products	316	276,150	100.000	100.000	104,683	100.000	100.000
288	Confectionery and related products,.....		40,377	100.000	(X)	44,051	100.000	(X)
	Confectionery and related products	317	40,377	100.000	100.000	44,051	100.000	100.000
289	Beverage industries.....		195,966	100.000	(X)	27,176	100.000	(X)
	Beverage industries	318	195,966	100.000	100.000	27,176	100.000	100.000
297	Miscellaneous food preparation and kindred products.....		128,693	100.000	(X)	35,855	100.000	(X)
	Miscellaneous food preparations & kindred products	319	128,693	100.000	100.000	35,855	100.000	100.000
298	Not specified food industries.....		17,910	100.000	(X)	8,725	100.000	(X)
	Not specified food industries	326	17,910	100.000	100.000	8,725	100.000	100.000
299	Tobacco manufactures .....		49,884	100.000	(X)	46,517	100.000	(X)
	Tobacco manufactures	329	49,884	100.000	100.000	46,517	100.000	100.000
307	Knitting mills.....		67,903	100.000	(X)	147,673	100.000	(X)
	Knitting mills	346	67,903	100.000	100.000	147,673	100.000	100.000
308	Dyeing and finishing textiles, except wool and knit goods.....		49,706	100.000	(X)	13,473	100.000	(X)
	Dyeing and finishing textiles, exc. wool & knit goods	347	49,706	100.000	100.000	13,473	100.000	100.000
309	Floor coverings, except hard surface .....		24,718	100.000	(X)	12,705	100.000	(X)
	Floor coverings, except hard surface	348	24,718	100.000	100.000	12,705	100.000	100.000
317	Yarn, thread, and fabric mills,.....		378,739	100.000	(X)	261,415	100.000	(X)
	Yarn, thread, and fabric mills	349	378,739	100.000	100.000	261,415	100.000	100.000
318	Miscellaneous textile mill products.....		36,916	100.000	(X)	17,275	100.000	(X)
	Miscellaneous textile mill products	356	36,916	100.000	100.000	17,275	100.000	100.000
319	Apparel and accessories.....		264,832	100.000	(X)	868,343	100.000	(X)
	Apparel and accessories	359	264,832	100.000	100.000	868,343	100.000	100.000
327	Miscellaneous fabricated textile products.....		49,736	100.000	(X)	70,091	100.000	(X)
	Miscellaneous fabricated textile products	367	49,736	100.000	100.000	69,325	98.907	100.000
	Miscellaneous plastic products	429	-	-	-	766	1.093	1.667
328	Pulp, paper, and paperboard mills.....		256,789	100.000	(X)	36,867	100.000	(X)
	Pulp, paper, and paperboard mills	386	256,789	100.000	98.780	36,867	100.000	98.361

329	Miscellaneous paper and pulp products.....		79,612	100.000	(X)	39,393	100.000	(X)
	Miscellaneous paper and pulp products	389	79,612	100.000	94.340	39,393	100.000	87.273
337	Paperboard containers and boxes.....		125,182	100.000	(X)	49,411	100.000	(X)
	Paperboard containers and boxes	387	125,182	100.000	100.000	49,411	100.000	100.000
338	Newspaper publishing and printing.....		413,043	100.000	(X)	88,629	100.000	(X)
	Newspaper publishing and printing	396	413,043	100.000	100.000	88,629	100.000	100.000
339	Printing, publishing, and allied industries, exc. newspapers..		453,888	100.000	(X)	231,853	100.000	(X)
	Miscellaneous paper and pulp products	389	4,774	1.052	5.660	5,746	2.478	12.727
	Printing, publishing, and allied industries, exc. newspapers	398	449,114	98.948	100.000	226,107	97.522	100.000
347	Industrial chemicals.....		83,315	100.000	(X)	7,559	100.000	(X)
	Miscellaneous chemicals and allied products	409	83,315	100.000	15.353	7,559	100.000	7.006
348	Plastics, synthetics and resins, except fibers.....		33,327	100.000	(X)	8,935	100.000	(X)
	Miscellaneous chemicals and allied products	409	33,327	100.000	6.142	8,935	100.000	8.280
349	Synthetic fibers.....		44,758	100.000	(X)	14,181	100.000	(X)
	Synthetic fibers	406	44,758	100.000	100.000	14,181	100.000	100.000
357	Drugs and medicines.....		71,275	100.000	(X)	39,224	100.000	(X)
	Drugs and medicines	407	71,275	100.000	100.000	39,224	100.000	100.000
358	Soaps and cosmetics.....		57,230	100.000	(X)	41,927	100.000	(X)
	Miscellaneous chemicals and allied products	409	57,230	100.000	10.547	41,927	100.000	38.854
359	Paints, varnishes, and related products.....		57,799	100.000	(X)	12,508	100.000	(X)
	Paints, varnishes, and related products	408	57,799	100.000	100.000	12,508	100.000	100.000
367	Agricultural chemicals.....		42,023	100.000	(X)	2,067	100.000	(X)
	Miscellaneous chemicals and allied products	409	42,023	100.000	7.744	2,067	100.000	1.911
368	Miscellaneous chemicals.....		52,162	100.000	(X)	5,497	100.000	(X)
	Miscellaneous chemicals and allied products	409	52,162	100.000	9.613	5,497	100.000	5.096
369	Not specified chemicals and allied products.....		274,599	100.000	(X)	41,933	100.000	(X)
	Miscellaneous chemicals and allied products	409	274,599	100.000	50.601	41,933	100.000	38.853
377	Petroleum refining.....		228,797	100.000	(X)	31,122	100.000	(X)
	Petroleum refining	416	228,797	100.000	100.000	31,122	100.000	100.000
378	Miscellaneous petroleum and coal products.....		24,005	100.000	(X)	4,465	100.000	(X)
	Miscellaneous petroleum and coal products	419	24,005	100.000	100.000	4,465	100.000	100.000
379	Rubber products.....		209,495	100.000	(X)	69,823	100.000	(X)
	Rubber products	426	209,495	100.000	100.000	69,823	100.000	100.000
387	Miscellaneous plastic products.....		85,047	100.000	(X)	45,262	100.000	(X)
	Miscellaneous plastic products	429	85,047	100.000	100.000	45,262	100.000	98.333
388	Tanned, curried, and finished leather.....		30,952	100.000	(X)	4,970	100.000	(X)
	Leather: Tanned, curried, and finished	436	30,952	100.000	100.000	4,970	100.000	100.000
389	Footwear, except rubber.....		126,414	100.000	(X)	148,341	100.000	(X)
	Footwear, except rubber	437	126,414	100.000	100,000	148,341	100.000	100.000
397	Leather products, except footwear .....		30,952	100.000	(X)	32,883	100.000	(X)
	Leather products, except footwear	438	30,952	100.000	100,000	32,883	100.000	100.000
398	Not specified manufacturing industries.....		42,316	100.000	(X)	23,202	100.000	(X)
	Not specified manufacturing industries	459	42,316	100.000	100.000	23,202	100.000	100.000

407	Railroads and railway express service.....		931,257	100.000	(X)	54,977	100.000	(X)
	Railroads and railway express service	506	931,257	100.000	100,000	54,977	100.000	100.000
408	Street railways and bus lines.....		260,730	100.000	(X)	33,226	100.000	(X)
	Street railways and bus lines	507	260,730	100.000	100,000	33,226	100.000	100.000
409	Taxicab service.....		125,332	100.000	(X)	9,815	100.000	(X)
	Taxicab service	508	125,332	100.000	100.000	9,815	100.000	100.000
417	Trucking service.....		802,209	100.000	(X)	52,131	100.000	(X)
	Trucking service	509	787,688	98.190	100.000	52,131	100.000	100.000
	Sanitary services	578	14,521	1.810	9.767	-	-	-
418	Warehousing and storage.....		102,194	100.000	(X)	20,216	100.000	(X)
	Warehousing and storage	516	102,194	100.000	100.000	20,216	100.000	0.000
419	Water transportation .....		200,390	100.000	(X)	12,659	100.000	(X)
	Water transportation	517	200,390	100.000	100.000	12,659	100.000	100.000
427	Air transportation.....		158,325	100.000	(X)	44,485	100.000	(X)
	Air transportation	518	158,325	100.000	100.000	44,485	100.000	100.000
428	Pipe lines, except natural gas.....		20,225	100.000	(X)	1,684	100.000	(X)
	Petroleum and gasoline pipe lines	519	20,225	100.000	100.000	1,684	100.000	100.000
429	Services incidental to transportation .....		45,299	100.000	(X)	16,420	100.000	(X)
	Services incidental to transportation	526	45,299	100.000	100.000	16,420	100.000	100.000
447	Radio broadcasting and television .....		70,542	100.000	(X)	23,535	100.000	(X)
	Radio broadcasting and television	536	70,542	100.000	100.000	23,535	100.000	100.000
448	Telephone (wire and radio).....		304,901	100.000	(X)	398,679	100.000	(X)
	Telephone (wire and radio)	538	304,901	100.000	100.000	398,679	100.000	100.000
449	Telegraph and miscellaneous communication services.....		24,521	100.000	(X)	16,062	100.000	(X)
	Telegraph	539	24,521	100.000	100.000	16,062	100.000	100.000
467	Electric light and power.....		303,947	100.000	(X)	50,243	100.000	(X)
	Electric light and power, and electric-gas utilities	567	303,947	100.000	70.958	50,243	100.000	71.296
468	Electric-gas utilities.....		124,394	100.000	(X)	20,233	100.000	(X)
	Electric light and power, and electric-gas utilities	567	124,394	100.000	29.042	20,233	100.000	28.704
469	Gas and steam supply systems.....		125,365	100.000	(X)	23,362	100.000	(X)
	Gas and steam supply systems	568	125,365	100.000	100.000	23,362	100.000	100.000
477	Water supply.....		86,543	100.000	(X)	11,853	100.000	(X)
	Water supply	576	86,543	100.000	100.000	11,853	100.000	100.000
478	Sanitary services.....		134,176	100.000	(X)	4,025	100.000	(X)
	Sanitary services	578	134,176	100.000	90.233	4,025	100.000	100.000
479	Other and not specified utilities.....		16,676	100.000	(X)	2,385	100.000	(X)
	Other and not specified utilities	579	16,676	100.000	100.000	2,385	100.000	100.000
507	Motor vehicles and equipment.....		103,464	100.000	(X)	20,436	100.000	(X)
	Motor vehicles and equipment	606	103,464	100.000	100.000	20,436	100.000	100.000
508	Drugs, chemicals, and allied products.....		75,352	100.000	(X)	28,677	100.000	(X)
	Drugs, chemicals, and allied products	607	75,352	100.000	100.000	28,677	100.000	100.000
509	Dry goods and apparel.....		54,616	100.000	(X)	26,229	100.000	(X)
	Dry goods and apparel	608	54,616	100.000	100.000	26,229	100.000	100.000



527	Food and related products.....		369,145	100.000	(X)	107,028	100.000	(X)
	Food and related products	609	369,145	100.000	100.000	107,028	100.000	100.000
528	Farm products--raw materials.....		96,565	100.000	(X)	21,160	100.000	(X)
	Farm products--raw materials	616	96,565	100.000	100.000	21,160	100.000	100.000
529	Electrical goods.....		91,485	100.000	(X)	26,002	100.000	(X)
	Electrical goods, hardware, and plumbing equipment	617	91,485	100.000	52.227	26,002	100.000	52.941
537	Hardware, plumbing, and heating supplies.....		70,207	100.000	(X)	20,219	100.000	(X)
	Electrical goods, hardware, and plumbing equipment	617	70,207	100.000	40.081	20,219	100.000	41.176
538	Not specified electrical and hardware products.....		13,475	100.000	(X)	2,887	100.000	(X)
	Electrical goods, hardware, and plumbing equipment	617	13,475	100.000	7.692	2,887	100.000	5.882
539	Machinery, equipment, and supplies.....		214,723	100.000	(X)	48,977	100.000	(X)
	Machinery, equipment, and supplies	618	214,723	100.000	100.000	48,977	100.000	100.000
557	Metals and minerals, n,e,c .....		49,204	100.000	(X)	13,872	100.000	(X)
	Miscellaneous wholesale trade	626	49,204	100.000	9.777	13,872	100.000	11.656
558	Petroleum products.....		157,146	100.000	(X)	30,129	100.000	(X)
	Petroleum products	619	148,009	94.186	100.000	28,669	95.154	100.000
	Miscellaneous wholesale trade	626	9,137	5.814	1.816	1,460	4.846	1.227
559	Scrap and waste materials.....		80,829	100.000	(X)	4,379	100.000	(X)
	Miscellaneous wholesale trade	626	80,829	100.000	16.061	4,379	100.000	3.681
567	Alcoholic beverages.....		66,770	100.000	(X)	16,787	100.000	(X)
	Miscellaneous wholesale trade	626	66,770	100.000	13.268	16,787	100.000	14.110
568	Paper and its products.....		52,012	100.000	(X)	13,872	100.000	(X)
	Miscellaneous wholesale trade	626	52,012	100.000	10.335	13,872	100.000	11.656
569	Lumber and construction materials.....		95,587	100.000	(X)	16,057	100.000	(X)
	Miscellaneous wholesale trade	626	95,587	100.000	18.994	16,057	100.000	13.497
587	1Yholesalers, n.e.c.....		149,715	100.000	(X)	52,554	100.000	(X)
	Miscellaneous wholesale trade	626	149,715	100.000	29.749	52,554	100.000	44.172
588	Not specified wholesale trade.....		80,980	100.000	(X)	28,467	100.000	(X)
	Not specified wholesale trade	629	80,980	100.000	100.000	28,467	100.000	100.000
607	Lumber and building material retailing.....		351,247	100.000	(X)	52,630	100.000	(X)
	Lumber and building material retailing	676	351,247	100.000	100.000	52,630	100.000	100.000
608	Hardware and farm equipment stores.....		204,851	100.000	(X)	47,662	100.000	(X)
	Hardware and farm equipment stores	666	204,851	100.000	100.000	47,662	100.000	100.000
609	Department and mail order establishments.....		339,507	100.000	(X)	717,283	100.000	(X)
	General merchandise retailing	638	339,507	100.000	73.605	717,283	100.000	79.750
617	Limited price variety stores.....		60,638	100.000	(X)	250,119	100.000	(X)
	Limited price variety stores	639	60,638	100.000	100.000	250,119	100.000	100.000
618	Vending machine operators.....		17,393	100.000	(X)	2,656	100.000	(X)
	General merchandise retailing	638	17,393	100.000	3.771	2,656	100.000	0.295
619	Direct selling establishments.....		35,359	100.000	(X)	75,117	100.000	(X)
	General merchandise retailing	638	25,743	72.805	5.581	73,517	97.870	8.174
	Miscellaneous retail stores	689	9,616	27.195	3.036	1,600	2.130	1.003
627	Miscellaneous general merchandise stores.....		78,614	100.000	(X)	105,971	100.000	(X)

	General merchandise retailing	638	78,614	100.000	17.044	105,971	100.000	11.782
628	Grocery stores .....		980,456	100.000	(X)	506,557	100.000	(X)
	Food and dairy products stores	636	980,456	100.000	84.143	506,557	100.000	85.730
629	Dairy products stores.....		26,671	100.000	(X)	12,509	100.000	(X)
	Food and dairy products stores	636	26,671	100.000	2.289	12,509	100.000	2.118
637	Retail bakeries.....		27,324	100.000	(X)	25,034	100.000	(X)
	Food and dairy products stores	636	27,324	100.000	2.345	25,034	100.000	4.236
638	Food stores, n.e.c.....		130,777	100.000	(X)	46,767	100.000	(x)
	Food mad dairy products stores	636	130,777	100.000	11.223	46,767	100.000	7.915
639	Motor vehicle dealers.....		573,229	100.000	(X)	63,291	100.000	(X)
	Motor vehicles and accessories retailing	656	573,229	100.000	78.463	63,291	100.000	69.178
647	Tire, battery, and accessory dealers.....		118,933	100.000	(X)	22,556	100.000	(X)
	Motor vehicles and accessories retailing	656	118,933	100.000	16.279	22,556	100.000	24.658
648	Gasoline service stations.....		634,679	100.000	(X)	30,649	100.000	(X)
	Gasoline service stations	657	634,679	100.000	100.000	30,649	100.000	100.000
649	Miscellaneous vehicle dealers.....		38,421	100.000	(X)	5,638	100.000	(X)
	Motor vehicles and accessories retailing	656	38,421	100.000	5.258	5,638	100.000	6.164
657	Apparel and accessories stores, except shoe stores.....		184,075	100.000	(X)	378,723	100.000	(X)
	Apparel and accessories stores, except shoe stores	646	184,075	100.000	100.000	378,723	100.000	100.000
658	Shoe stores.....		76,660	100.000	(X)	39,219	100.000	(X)
	Shoe stores	647	76,660	100.000	100.000	39,219	100.000	100.000
667	Furniture and home furnishings stores.....		229,164	100.000	(X)	77,378	100.000	(X)
	Furniture and housefurnishings stores	648	229,164	100.000	100.000	77,378	100.000	100.000
668	Household appliances, TV, and radio stores.....		151,328	100.000	(X)	49,922	100.000	(X)
	Household appliances, TV~ and radio stores	649	151,328	100.000	100.000	49,922	100.000	100.000
669	Eating and drinking places.....		797,314	100.000	(X)	1,147,651	100.000	(X)
	Eating and drinking places	659	797,314	100.000	100.000	1,147,651	100.000	100.000
677	Drug stores.....		197,205	100.000	(X)	196,053	100.000	(X)
	Drug stores	658	197,205	100.000	100.000	196,053	100.000	100.000
678	Liquor stores.....		67,049	100.000	(X)	18,368	100.000	(X)
	Liquor stores	678	67,049	100.000	100.000	18,368	100.000	100.000
679	Farm and garden supply stores.....		61,560	100.000	(X)	8,010	100.000	(X)
	Miscellaneous retail stores	689	61,560	100.000	19.433	8,010	100.000	5.017
687	Jewelry stores.....		53,645	100.000	(X)	40,440	100.000	(X)
	Jewelry stores	686	53,645	100.000	100.000	40,440	100.000	100.000
688	Fuel and ice dealers.....		100,756	100.000	(X)	17,937	100.000	(X)
	Fuel and ice dealers	687	100,756	100.000	100.000	17,937	100.000	100.000
689	Retail florists.....		39,746	100.000	(X)	38,307	100.000	(X)
	Retail florists	679	39,746	100.000	100.000	38,307	100.000	100.000
697	Miscellaneous retail stores.....		245,608	100.000	(X)	150,060	100.000	(X)
	Miscellaneous retail stores	689	245,608	100.000	77.530	150,060	100.000	93.980
698	Not specified retail trade.....		63,893	100.000	(X)	50,938	100.000	(X)
	Not specified retail trade	696	63,893	100.000	100.000	50,938	100.000	100.000

707	Banking .....		248,861	100.000	(X)	381,828	100.000	(X)
	Banking and credit agencies	706	248,861	100.000	66.294	381,828	100.000	75.173
708	Credit agencies.....		127,262	100.000	(X)	125,509	100.000	(X)
	Banking and credit agencies	706	126,527	99.422	33.706	125,509	100.000	24.711
	Federal public administration	916	735	0.578	0.085	-	-	-
709	Security, commodity brokerage, and investment companies.....		104,664	100.000	(X)	47,407	100.000	(X)
	Security and commodity brokerage and investment companie	716	104,664	100.000	100.000	47,407	100.000	100.000
717	Insurance.....		597,289	100.000	(X)	499,176	100.000	(X)
	Insurance	726	597,289	100.000	100.000	499,176	100.000	100.000
718	Real estate, including real estate-insurance--law offices.....		412,402	100.000	(X)	204,777	100.000	(X)
	Real estate (incl. real estate-insurance-law office)	736	412,402	100.000	100.000	204,777	100.000	100.000
727	Advertising.....		83,911	100.000	(X)	48,932	100.000	(X)
	Advertising	806	83,911	100.000	98.485	48,932	100.000	95.833
728	Services to dwellings and other buildings.....		84,959	100.000	(X)	19,809	100.000	(X)
	Miscellaneous business services	807	84,959	100.000	20.607	19,809	100.000	7.955
729	Commercial research, development, and testing labs .....		81,664	100.000	(X)	30,422	100.000	(X)
	Miscellaneous business services	807	81,664	100.000	19.808	30,422	100.000	12.216
737	Employment and temporary help agencies.....		9,217	100.000	(X)	34,664	100.000	(X)
	Miscellaneous business services	807	9,217	100.000	2.236	34,664	100.000	13.920
738	Business management and consulting services.....		34,903	100.000	(X)	25,467	100.000	(X)
	Miscellaneous business services	807	34,903	100.000	8.466	25,467	100.000	10.227
739	Computer programing services.....		2,632	100.000	(X)	-	-	(X)
	Miscellaneous business services	807	2,632	100.000	0.639	-	-	-
747	Detective and protective services.....		31,611	100.000	(X)	3,537	100.000	(X)
	Miscellaneous business services	807	31,611	100.000	7.668	3,537	100.000	1.420
748	Business services, n.e.c.....		166,617	100.000	(X)	135,698	100.000	(X)
	Banking and credit agencies	706	-	-	-	582	0.429	0.115
	Advertising	806	1,287	0.772	1.515	2,132	1.571	4.167
	Miscellaneous business services	807	165,330	99.228	40.096	132,984	98.000	53.409
749	Automobile services, except repair.....		86,544	100.000	(X)	12,551	100.000	(X)
	Automobile repair services and garages	808	86,544	100.000	16.907	12,551	100.000	42.308
757	Automobile repair and related services.....		423,294	100.000	(X)	17,119	100.000	(X)
	Automobile repair services and garages	808	423,294	100.000	82.700	17,119	100.000	57.692
758	Electrical repair shops.....		141,709	100.000	(X)	16,164	100.000	(X)
	Miscellaneous repair services	809	141,709	100.000	45.089	16,164	100.000	54.000
759	Miscellaneous repair services.....		174,597	100.000	(X)	13,768	100.000	(X)
	Automobile repair services and garages	808	2,010	1.151	0.393	-	-	-
	Miscellaneous repair services	809	172,587	98.849	54.911	13,768	100.000	46.000
769	Private households... ..		206,563	100.000	(X)	1,829,629	100.000	(X)
	Private households	816	206,563	100.000	100.000	1,829,629	100.000	100.000
777	Hotels and motels.....		264,593	100.000	(X)	278,944	100.000	(X)
	Hotels and lodging places	826	264,593	100.000	88.631	278,944	100.000	82.704
778	Lodging places, except hotels and motels .....		36,575	100.000	(X)	59,127	100.000	(X)

	Hotels and lodging places	826	33,940	92.796	11.369	56,324	95.259	16.700
	Welfare and religious services	879	2,635	7.204	0.777	2,803	4.741	0.995
779	Laundering, cleaning, and other garment services.....		276,623	100.000	(X)	377,792	100.000	(X)
	Laundering, cleaning, and dyeing services	828	276,623	100.000	100.000	377,792	100.000	100.000
787	Beauty shops .....		36,168	100.000	(X)	285,431	100.000	(X)
	Barber and beauty shops	838	36,168	100.000	16.717	285,431	100.000	99.309
788	Barber shops .....		180,173	100.000	(X)	1,987	100.000	(X)
	Barber and beauty shops	838	180,173	100.000	83.283	1,987	100.000	0.691
789	Shoe repair shops .....		43,421	100.000	(X)	4,597	100.000	(X)
	Shoe repair shops	836	43,421	100.000	100.000	4,597	100.000	100.000
797	Dressmaking shops,....		1,575	100.000	(X)	45,268	100.000	(X)
	Dressmaking shops	829	1,575	100.000	100.000	45,268	100.000	100.000
798	Miscellaneous personal services.....		98,207	100.000	(X)	51,115	100.000	(X)
	Miscellaneous personal services	839	98,207	100.000	100.000	51,115	100.000	100.000
807	Theaters and motion pictures.....		137,705	100.000	(X)	72,618	100.000	(X)
	Theaters and motion pictures	846	137,705	100.000	100.000	72,618	100.000	100.000
808	Bowling alleys, and billiard and pool parlors.....		62,899	100.000	(X)	18,406	100.000	(X)
	Bowling alleys, and billiard and pool parlors	848	62,899	100.000	100.000	18,406	100.000	100.000
809	Miscellaneous entertainment and recreation services.....		181,203	100.000	(X)	80,936	100.000	(X)
	Miscellaneous entertainment and recreation services	849	181,203	100.000	100.000	80,936	100.000	100.000
828	Offices of physicians.....		164,806	100.000	(X)	215,279	100.000	(X)
	Medical and other health services, except hospitals	867	160,150	97.175	44.712	204,047	94.783	36.603
	Hospitals	868	4,656	2.825	1.061	11,232	5.217	0.872
829	Offices of dentists.....		82,406	100.000	(X)	76,015	100.000	(X)
	Medical and other health services, except hospitals	867	82,406	100.000	23.006	76,015	100.000	13.636
837	Office of chiropractors.....		18,613	100.000	(X)	7,340	100.000	(X)
	Medical and other health services, except hospitals	867	18,613	100.000	5.195	7,340	100.000	1.316
838	Hospitals.....		433,887	100.000	(X)	1,276,851	100.000	(X)
	Hospitals	868	433,887	100.000	98.939	1,276,851	100.000	99.128
839	Convalescent institutions.....		37,840	100.000	(X)	158,925	100.000	(X)
	Medical and other health services, except hospitals	867	34,552	91.311	9.647	140,695	88.529	25.239
	Welfare and religious services	879	3,288	8.689	0.971	18,230	11.471	6.468
847	Offices of health practitioners, n.e.c.....		23,246	100.000	(X)	12,140	100.000	(X)
	Medical and other health services, except hospitals	867	21,930	94.339	6.123	9,337	76.911	1.675
	Welfare and religious services	879	1,316	5.661	0.388	2,803	23.089	0.995
848	Health services, n.e.c.....		45,283	100.000	(X)	124,734	100.000	(X)
	Medical and other health services, except hospitals	867	40,535	89.515	11.317	120,026	96.226	21.531
	State public administration	926	1,515	3.346	0.604	3,285	2.634	2.155
	Local public administration	936	3,233	7.140	0.432	1,423	1.141	0.557
849	Legal services.....		168,815	100.000	(X)	118,185	100.000	(X)
	Legal services	869	168,815	100.000	100.000	118,185	100.000	100.000
857	Elementary and secondary schools: Government .....		662,176	100.000	(X)	1,382,337	100.000	(X)
	Educational services: Government	876	662,176	100.000	70.188	1,382,337	100.000	85.369

	Elementary and secondary schools: Private.....	79,788	100.000	(X)	301,664	100.000	(X)	
	Educational services -Private	876	79,788	100.000	24.558	301,664	100.000	55.476
858	Colleges and universities							
	Government	242,368	100.000	(x)	151,531	100.000	(x)	
	Federal public administration	916 735	0.303	0.085	-	-	-	
	Educational services--Government	876 241,633	99.697	25.612	151,531	100.000	9.358	
	Private	193,408	100.000	(X)	139,820	100.000	(X)	
	Educational services--Private	876 193,408	100.000	59.528	139,820	100.000	25.714	
859	Libraries							
	Government	11,227	100.000	(X)	52,642	100.000	(X)	
	Educational services--Government	876 11,227	100.000	1.190	52,642	100.000	3.251	
	Private	2,555	100.000	(X)	9,709	100.000	(X)	
	Educational services--Private	876 2,555	100.000	0.786	9,709	100.000	1.786	
867	Educational services nec							
	Government	13,867	100.000	(X)	14,120	100.000	(X)	
	Educational services--Government	876 13,867	100.000	1.470	14,120	100.000	0.872	
	Private	34,467	100.000	(X)	82,857	100.000	(X)	
	Educational services--Private	876 34,467	100.000	10.609	82,857	100.000	15.238	
868	Not specified educational services							
	Government	9,906	100.000	(X)	17,344	100.000	(X)	
	Educational services--Government	876 9,906	100.000	1.050	17,344	100.000	1.071	
	Private	7,019	100.000	(X)	6,471	100.000	(X)	
	Educational services--Private	876 7,019	100.000	2.161	6,471	100.000	1.190	
869	Museums art galleries and zoos							
	Government	4,623	100.000	(X)	1,279	100.000	(X)	
	Educational services--Government	876 4,623	100.000	0.490	1,279	100.000	0.079	
	Private	7,662	100.000	(X)	3,235	100.000	(X)	
	Educational services--Private	876 7,662	100.000	2.358	3,235	100.000	0.595	
877	Religious organizations	288,325	100.000	(X)	160,550	100.000	(X)	
	Welfare and religious services	879 288,325	100.000	85.049	160,550	100.000	56.965	
878	Welfare services	59,066	100.000	(X)	105,933	100.000	(X)	
	Welfare and religious services	879 27,645	46.804	8.155	46,276	43.684	16.418	
	Miscellaneous professional and related services	898 572	0.968	0.800	-	-	-	
	State public administration	926 7,574	12.823	3.021	18,410	17.379	12.069	
	Local public administration	936 23,275	39.405	3.111	41,247	38.937	16.156	
879	Residential welfare facilities	17,958	100.000	(X)	55,178	100.000	(X)	
	Hotels and lodging places	826 -	-	-	2,009	3.641	0.596	
	Welfare and religious services	879 15,800	87.983	4.660	50,482	91.489	17.910	
	State public administration	926 1,515	8.436	0.604	1,971	3.572	1.293	
	Local public administration	936 643	3.581	0.086	716	1.298	0.279	
887	Nonprofit membership organizations	139,022	100.000	(X)	119,014	100.000	(X)	
	Miscellaneous business services	807 1,312	0.944	0.319	2,121	1.782	0.852	
	Welfare and religious services	879 -	-	-	703	0.591	0.249	

	Nonprofit membership organizations	888	137,710	99.056	100.000	11,619	97.627	100.000
888	Engineering and architectural services		180,324	100.000	(X)	29,940	100.000	(X)
	Engineering and architectural services	896	180,324	100.000	100.000	29,940	100.000	100.000
889	Accounting auditing and bookkeeping services		107,236	100.000	(X)	53,376	100.000	(X)
	Miscellaneous business services	807	657	0.613	0.160	-	-	-
	Accounting auditing and bookkeeping services	897	106,579	99.387	100.000	53,376	100.000	100.000
897	Miscellaneous professional and related services		81,841	100.000	(X)	40,075	100.000	(X)
	Miscellaneous professional and related services	898	70,814	86.526	99.200	37,271	93.003	100.000
	Federal public administration	916	11,027	13.474	1.270	2,804	6.997	0.613
907	Postal service		497,408	100.000	(X)	71,682	100.000	(X)
	Postal service	906	497,408	100.000	100.000	71,682	100.000	100.000
917	Federal public administration		855,962	100.000	(X)	454,418	100.000	(X)
	Federal public administration	916	855,962	100.000	98.560	454,418	100.000	99.387
927	State public administration		240,185	100.000	(X)	128,884	100.000	(X)
	State public administration	926	240,185	100.000	95.770	128,884	100.000	84.483
937	Local public administration		720,990	100.000	(X)	211,918	100.000	(X)
	Local public administration	936	720,990	100.000	96.370	211,918	100.000	83.008