

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

<b>Table 2. 1990 Census Occupation Classification System and Its Redistribution into the Census 2000 Occupation Classification System</b>						
<i>Note: Numbers and percents may not always add to totals due to rounding. For a definition of terms and an explanation of the methodology used in this table, see the text of the accompanying Technical Paper.</i>						
<b>1990 Census Codes and Categories</b>			<b>1990 Civilian Labor Force</b>	<b>Pct. of 1990 Category (Conversion Factors)</b>	<b>1990 CLF Redist to 2000</b>	<b>Comp. Score</b>
	<b>Census 2000 Codes and Categories</b>					
Total	Civilian Labor Force		123,473,450		123,473,450	
003	Legislators		12,716			
	003	Legislators		100.000	12,716	1
004	Chief executives & general administrators, public administration		19,023			
	001	Chief executives		77.143	14,675	
	043	Managers, all other		22.857	4,348	
005	Administrators and officials, public administration		506,683			
	001	Chief executives		1.571	7,958	
	002	General and operations managers		3.141	15,917	
	010	Administrative services managers		2.094	10,611	
	011	Computer and information systems managers		1.571	7,958	
	012	Financial managers		5.236	26,528	
	013	Human resources managers		1.047	5,306	
	015	Purchasing managers		2.094	10,611	
	016	Transportation, storage, and distribution managers		0.524	2,653	
	022	Construction managers		0.524	2,653	
	023	Education administrators		2.094	10,611	
	030	Engineering managers		0.524	2,653	
	036	Natural sciences managers		0.524	2,653	
	041	Property, real estate, and community association managers		1.047	5,306	
	042	Social and community service managers		4.712	23,875	
	043	Managers, all other		40.838	206,918	
	054	Claims adjusters, appraisers, examiners, and investigators		4.188	21,222	
	062	Human resources, training, and labor relations specialists		2.094	10,611	
	081	Appraisers and assessors of real estate		3.141	15,917	
	084	Financial analysts		0.524	2,653	
	093	Tax examiners, collectors, and revenue agents		5.236	26,528	
	122	Operations research analysts		5.759	29,181	
	164	Conservation scientists and foresters		0.524	2,653	
	202	Miscellaneous community and social service specialists		2.094	10,611	
	211	Judges, magistrates, and other judicial workers		2.618	13,264	
	215	Miscellaneous legal support workers		0.524	2,653	
	354	Other healthcare practitioners and technical occupations		0.524	2,653	
	382	Detectives and criminal investigators		0.524	2,653	
	395	Lifeguards and other protective service workers		0.524	2,653	
	525	Eligibility interviewers, government programs		4.188	21,222	
006	Administrators, protective services		49,273			
	043	Managers, all other		14.019	6,907	
	056	Compliance officers, except agriculture, construction, health and safety, and transportation		8.411	4,144	
	073	Other business operations specialists		1.869	921	

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	Census 2000 Codes and Categories				
	211 Judges, magistrates, and other judicial workers		0.935	460	
	370 First-line supervisors/managers of correctional officers		7.477	3,684	
	371 First-line supervisors/managers of police and detectives		28.972	14,275	
	372 First-line supervisors/managers of fire fighting and prevention workers		16.822	8,289	
	373 Supervisors, protective service workers, all other		21.495	10,591	
007	Financial managers	635,911			
	012 Financial managers		100.000	635,911	1
008	Personnel and labor relations managers	275,495			
	013 Human resources managers		100.000	275,495	1
009	Purchasing managers	120,775			
	015 Purchasing managers		96.212	116,200	2
	211 Judges, magistrates, and other judicial workers		3.788	4,575	
013	Managers, marketing, advertising, and public relations	609,109			
	004 Advertising and promotions managers		13.084	79,697	
	005 Marketing and sales managers		81.308	495,257	
	006 Public relations managers		1.402	8,539	
	471 First-line supervisors/managers of non-retail sales workers		4.206	25,617	
014	Administrators, education and related fields	623,612			
	001 Chief executives		1.031	6,429	
	023 Education administrators		95.361	594,682	2
	034 Lodging managers		1.031	6,429	
	073 Other business operations specialists		1.031	6,429	
	095 Financial specialists, all other		1.546	9,643	
015	Managers, medicine and health	233,621			
	023 Education administrators		1.695	3,960	
	035 Medical and health services managers		94.068	219,762	3
	570 Secretaries and administrative assistants		4.237	9,899	
016	Postmasters and mail superintendents	39,846			
	040 Postmasters and mail superintendents		100.000	39,846	1
017	Managers, food serving and lodging establishments	1,030,651			
	002 General and operations managers		2.620	27,004	
	031 Food service managers		58.079	598,588	
	033 Gaming managers		0.873	9,001	
	034 Lodging managers		9.170	94,514	
	072 Meeting and convention planners		0.437	4,501	
	400 Chefs and head cooks		1.747	18,003	
	401 First-line supervisors/managers of food preparation and serving workers		27.074	279,041	
018	Managers, properties and real estate	411,466			
	034 Lodging managers		0.694	2,857	
	041 Property, real estate, and community association managers		91.667	377,177	3
	492 Real estate brokers and sales agents		7.639	31,431	
019	Funeral directors	45,486			
	032 Funeral directors		100.000	45,486	1

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	Census 2000 Codes and Categories				
021	Managers, service organizations, n.e.c.	404,073			
	001 Chief executives		1.190	4,810	
	002 General and operations managers		5.952	24,052	
	005 Marketing and sales managers		0.595	2,405	
	006 Public relations managers		1.190	4,810	
	011 Computer and information systems managers		1.190	4,810	
	013 Human resources managers		1.190	4,810	
	023 Education administrators		0.595	2,405	
	033 Gaming managers		1.190	4,810	
	034 Lodging managers		1.190	4,810	
	035 Medical and health services managers		3.571	14,431	
	041 Property, real estate, and community association managers		0.595	2,405	
	042 Social and community service managers		29.762	120,260	
	043 Managers, all other		27.381	110,639	
	062 Human resources, training, and labor relations specialists		4.762	19,242	
	072 Meeting and convention planners		2.976	12,026	
	201 Social workers		1.786	7,216	
	202 Miscellaneous community and social service specialists		4.762	19,242	
	462 Recreation and fitness workers		10.119	40,888	
022	Managers and administrators, n.e.c.	5,345,993			
	001 Chief executives		8.626	461,131	
	002 General and operations managers		8.480	453,315	
	005 Marketing and sales managers		1.608	85,974	
	010 Administrative services managers		1.023	54,710	
	011 Computer and information systems managers		2.193	117,237	
	012 Financial managers		1.170	62,526	
	014 Industrial production managers		1.754	93,789	
	015 Purchasing managers		1.316	70,342	
	016 Transportation, storage, and distribution managers		2.485	132,868	
	022 Construction managers		5.702	304,815	
	023 Education administrators		1.316	70,342	
	030 Engineering managers		1.023	54,710	
	034 Lodging managers		0.292	15,632	
	035 Medical and health services managers		1.316	70,342	
	036 Natural sciences managers		0.292	15,632	
	042 Social and community service managers		0.877	46,895	
	043 Managers, all other		28.216	1,508,445	
	050 Agents and business managers of artists, performers, and athletes		0.146	7,816	
	060 Cost estimators		2.047	109,421	
	073 Other business operations specialists		1.023	54,710	
	101 Computer programmers		0.585	31,263	
	110 Network and computer systems administrators		0.292	15,632	
	131 Surveyors, cartographers, and photogrammetrists		0.146	7,816	

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	Census 2000 Codes and Categories				
	202 Miscellaneous community and social service specialists		0.292	15,632	
	240 Archivists, curators, and museum technicians		0.877	46,895	
	263 Designers		0.146	7,816	
	271 Producers and directors		0.877	46,895	
	421 First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers		0.731	39,079	
	430 First-line supervisors/managers of gaming workers		1.023	54,710	
	462 Recreation and fitness workers		1.023	54,710	
	471 First-line supervisors/managers of non-retail sales workers		3.363	179,763	
	500 First-line supervisors/managers of office and administrative support workers		10.819	578,368	
	570 Secretaries and administrative assistants		3.947	211,026	
	700 First-line supervisors/managers of mechanics, installers, and repairers		1.901	101,605	
	900 Supervisors, transportation and material moving workers		2.632	140,684	
	904 Air traffic controllers and airfield operations specialists		0.439	23,447	
023	Accountants and auditors	1,590,178			
	012 Financial managers		3.488	55,471	
	080 Accountants and auditors		93.605	1,488,481	3
	093 Tax examiners, collectors, and revenue agents		2.907	46,226	
024	Underwriters	67,767			
	086 Insurance underwriters		100.000	67,767	1
025	Other financial officers	679,275			
	012 Financial managers		17.204	116,865	
	082 Budget analysts		8.065	54,780	
	083 Credit analysts		2.688	18,260	
	084 Financial analysts		3.226	21,912	
	085 Personal financial advisors		6.452	43,824	
	086 Insurance underwriters		1.613	10,956	
	091 Loan counselors and officers		38.710	262,945	
	094 Tax preparers		15.054	102,256	
	095 Financial specialists, all other		4.301	29,216	
	482 Securities, commodities, and financial services sales agents		2.688	18,260	
026	Management analysts	281,789			
	071 Management analysts		100.000	281,789	1
027	Personnel, training, and labor relations specialists	513,625			
	013 Human resources managers		6.215	31,920	
	062 Human resources, training, and labor relations specialists		92.090	472,999	3
	073 Other business operations specialists		1.130	5,804	
	211 Judges, magistrates, and other judicial workers		0.565	2,902	
028	Purchasing agents and buyers, farm products	17,298			
	051 Purchasing agents and buyers, farm products		90.741	15,696	3
	485 Sales representatives, wholesale and manufacturing		9.259	1,602	
029	Buyers, wholesale and retail trade, except farm products	228,399			
	052 Wholesale and retail buyers, except farm products		87.574	200,018	
	053 Purchasing agents, except wholesale, retail, and farm products		10.651	24,327	

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	Census 2000 Codes and Categories				
	485 Sales representatives, wholesale and manufacturing		1.775	4,054	
033	Purchasing agents and buyers, n.e.c.	246,967			
	015 Purchasing managers		2.732	6,748	
	051 Purchasing agents and buyers, farm products		4.918	12,146	
	052 Wholesale and retail buyers, except farm products		7.650	18,894	
	053 Purchasing agents, except wholesale, retail, and farm products		84.699	209,180	
034	Business and promotion agents	36,492			
	042 Social and community service managers		6.024	2,198	
	050 Agents and business managers of artists, performers, and athletes		86.747	31,656	
	062 Human resources, training, and labor relations specialists		2.410	879	
	073 Other business operations specialists		4.819	1,759	
035	Construction inspectors	64,284			
	666 Construction and building inspectors		100.000	64,284	1
036	Inspectors and compliance officers, except construction	161,277			
	056 Compliance officers, except agriculture, construction, health and safety, and transportation		21.849	35,237	
	090 Financial examiners		1.261	2,033	
	093 Tax examiners, collectors, and revenue agents		7.563	12,197	
	102 Computer software engineers		1.261	2,033	
	202 Miscellaneous community and social service specialists		0.420	678	
	354 Other healthcare practitioners and technical occupations		13.445	21,684	
	382 Detectives and criminal investigators		2.101	3,388	
	390 Animal control workers		0.420	678	
	391 Private detectives and investigators		10.084	16,263	
	601 Agricultural inspectors		24.370	39,303	
	604 Graders and sorters, agricultural products		0.840	1,355	
	666 Construction and building inspectors		9.664	15,586	
	874 Inspectors, testers, sorters, samplers, and weighers		3.361	5,421	
	941 Transportation inspectors		3.361	5,421	
037	Management related occupations, n.e.c.	368,073			
	060 Cost estimators		21.583	79,440	
	072 Meeting and convention planners		0.719	2,648	
	073 Other business operations specialists		45.324	166,824	
	500 First-line supervisors/managers of office and administrative support workers		6.475	23,832	
	570 Secretaries and administrative assistants		25.899	95,328	
043	Architects	156,874			
	130 Architects, except naval		100.000	156,874	1
044	Aerospace engineers	143,434			
	132 Aerospace engineers		100.000	143,434	1
045	Metallurgical and materials engineers	19,230			
	145 Materials engineers		99.057	19,049	2
	306 Physicians and surgeons		0.943	181	
046	Mining engineers	6,478			
	062 Human resources, training, and labor relations specialists		2.778	180	

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	150 Mining and geological engineers, including mining safety engineers		97.222	6,298	2
047	Petroleum engineers	24,565			
	030 Engineering managers		0.990	243	
	143 Industrial engineers, including health and safety		0.990	243	
	152 Petroleum engineers		94.059	23,106	3
	193 Geological and petroleum technicians		3.960	973	
048	Chemical engineers	64,320			
	030 Engineering managers		1.460	939	
	135 Chemical engineers		95.620	61,503	2
	145 Materials engineers		2.920	1,878	
049	Nuclear engineers	10,801			
	142 Environmental engineers		1.802	195	
	151 Nuclear engineers		98.198	10,606	2
053	Civil engineers	252,808			
	030 Engineering managers		0.763	1,930	
	136 Civil engineers		96.183	243,159	2
	142 Environmental engineers		3.053	7,719	
054	Agricultural engineers	2,148			
	133 Agricultural engineers		100.000	2,148	1
055	Electrical and electronic engineers	467,023			
	030 Engineering managers		0.877	4,097	
	102 Computer software engineers		20.614	96,272	
	111 Network systems and data communications analysts		0.877	4,097	
	140 Computer hardware engineers		6.579	30,725	
	141 Electrical and electronic engineers		52.632	245,802	
	153 Engineers, all other		14.474	67,595	
	290 Broadcast and sound engineering technicians and radio operators		3.947	18,435	
056	Industrial engineers	176,333			
	043 Managers, all other		6.204	10,940	
	143 Industrial engineers, including health and safety		89.781	158,314	
	145 Materials engineers		2.920	5,148	
	354 Other healthcare practitioners and technical occupations		1.095	1,931	
057	Mechanical engineers	185,872			
	140 Computer hardware engineers		0.415	771	
	143 Industrial engineers, including health and safety		3.320	6,170	
	146 Mechanical engineers		96.266	178,931	2
058	Marine engineers and naval architects	13,269			
	144 Marine engineers and naval architects		89.011	11,811	
	933 Ship engineers		10.989	1,458	
059	Engineers, n.e.c.	341,963			
	030 Engineering managers		3.067	10,490	
	134 Biomedical engineers		1.840	6,294	
	142 Environmental engineers		11.656	39,861	

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	143 Industrial engineers, including health and safety		4.908	16,783	
	146 Mechanical engineers		4.294	14,686	
	153 Engineers, all other		74.233	253,850	
063	Surveyors and mapping scientists	11,405			
	131 Surveyors, cartographers, and photogrammetrists		97.802	11,154	2
	155 Engineering technicians, except drafters		2.198	251	
064	Computer systems analysts and scientists	471,290			
	011 Computer and information systems managers		1.190	5,611	
	071 Management analysts		0.595	2,805	
	100 Computer scientists and systems analysts		45.536	214,605	
	101 Computer programmers		2.679	12,624	
	102 Computer software engineers		30.952	145,875	
	104 Computer support specialists		6.548	30,858	
	106 Database administrators		0.893	4,208	
	110 Network and computer systems administrators		3.571	16,832	
	111 Network systems and data communications analysts		5.357	25,248	
	140 Computer hardware engineers		2.679	12,624	
065	Operations and systems researchers and analysts	251,818			
	070 Logisticians		11.966	30,132	
	100 Computer scientists and systems analysts		40.171	101,158	
	122 Operations research analysts		47.863	120,528	
066	Actuaries	18,732			
	120 Actuaries		100.000	18,732	1
067	Statisticians	31,852			
	123 Statisticians		88.525	28,197	
	124 Miscellaneous mathematical science occupations		11.475	3,655	
068	Mathematical scientists, n.e.c.	5,815			
	121 Mathematicians		87.500	5,088	
	124 Miscellaneous mathematical science occupations		8.553	497	
	132 Aerospace engineers		3.289	191	
	153 Engineers, all other		0.658	38	
069	Physicists and astronomers	27,842			
	165 Medical scientists		1.575	438	
	170 Astronomers and physicists		98.425	27,404	2
073	Chemists, except biochemists	141,255			
	172 Chemists and materials scientists		100.000	141,255	1
074	Atmospheric and space scientists	8,354			
	171 Atmospheric and space scientists		100.000	8,354	1
075	Geologists and geodesists	53,129			
	142 Environmental engineers		0.581	309	
	174 Environmental scientists and geoscientists		99.419	52,820	2
076	Physical scientists, n.e.c.	18,782			
	164 Conservation scientists and foresters		1.481	278	

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	172 Chemists and materials scientists		2.222	417	
	174 Environmental scientists and geoscientists		71.852	13,495	
	176 Physical scientists, all other		16.296	3,061	
	186 Miscellaneous social scientists and related workers		3.704	696	
	196 Other life, physical, and social science technicians		4.444	835	
077	Agricultural and food scientists	34,842			
	020 Farm, ranch, and other agricultural managers		2.703	942	
	160 Agricultural and food scientists		82.883	28,878	
	161 Biological scientists		9.910	3,453	
	602 Animal breeders		4.505	1,569	
078	Biological and life scientists	62,137			
	160 Agricultural and food scientists		0.606	377	
	161 Biological scientists		92.727	57,618	3
	165 Medical scientists		6.667	4,142	
079	Forestry and conservation scientists	34,815			
	131 Surveyors, cartographers, and photogrammetrists		0.840	293	
	161 Biological scientists		7.563	2,633	
	164 Conservation scientists and foresters		86.555	30,134	
	176 Physical scientists, all other		1.681	585	
	196 Other life, physical, and social science technicians		3.361	1,170	
083	Medical scientists	27,519			
	161 Biological scientists		5.422	1,492	
	165 Medical scientists		94.578	26,027	3
084	Physicians	586,715			
	306 Physicians and surgeons		97.345	571,138	2
	353 Miscellaneous health technologists and technicians		2.655	15,577	
085	Dentists	155,529			
	301 Dentists		100.000	155,529	1
086	Veterinarians	48,744			
	325 Veterinarians		100.000	48,744	1
087	Optometrists	27,515			
	304 Optometrists		100.000	27,515	1
088	Podiatrists	8,908			
	312 Podiatrists		100.000	8,908	1
089	Health diagnosing practitioners, n.e.c.	47,114			
	300 Chiropractors		91.971	43,331	3
	326 Health diagnosing and treating practitioners, all other		8.029	3,783	
095	Registered nurses	1,885,129			
	313 Registered nurses		97.959	1,846,657	2
	360 Nursing, psychiatric, and home health aides		2.041	38,472	
096	Pharmacists	181,798			
	305 Pharmacists		100.000	181,798	1
097	Dietitians	90,223			



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	035 Medical and health services managers		0.730	659	
	303 Dietitians and nutritionists		96.350	86,930	2
	341 Health diagnosing and treating practitioner support technicians		2.920	2,634	
098	Respiratory therapists	65,589			
	035 Medical and health services managers		1.058	694	
	322 Respiratory therapists		98.942	64,895	2
099	Occupational therapists	37,895			
	035 Medical and health services managers		1.911	724	
	315 Occupational therapists		96.815	36,688	2
	324 Therapists, all other		1.274	483	
103	Physical therapists	92,022			
	316 Physical therapists		100.000	92,022	1
104	Speech therapists	64,713			
	314 Audiologists		22.460	14,534	
	323 Speech-language pathologists		77.540	50,179	
105	Therapists, n.e.c.	71,402			
	200 Counselors		7.843	5,600	
	316 Physical therapists		0.654	467	
	320 Radiation therapists		0.654	467	
	321 Recreational therapists		26.144	18,667	
	324 Therapists, all other		64.706	46,201	
106	Physicians' assistants	25,569			
	311 Physician assistants		35.417	9,056	
	340 Emergency medical technicians and paramedics		41.667	10,654	
	365 Medical assistants and other healthcare support occupations		22.917	5,860	
113	Earth, environmental, and marine science teachers	1,253			
	220 Postsecondary teachers		100.000	1,253	1
114	Biological science teachers	6,101			
	220 Postsecondary teachers		100.000	6,101	1
115	Chemistry teachers	5,446			
	220 Postsecondary teachers		100.000	5,446	1
116	Physics teachers	4,432			
	220 Postsecondary teachers		100.000	4,432	1
117	Natural science teachers, n.e.c.	389			
	220 Postsecondary teachers		100.000	389	1
118	Psychology teachers	4,518			
	220 Postsecondary teachers		100.000	4,518	1
119	Economics teachers	3,426			
	220 Postsecondary teachers		100.000	3,426	1
123	History teachers	4,121			
	220 Postsecondary teachers		100.000	4,121	1
124	Political science teachers	1,005			
	220 Postsecondary teachers		100.000	1,005	1

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125	Sociology teachers	1,457			
	220 Postsecondary teachers		100.000	1,457	1
126	Social science teachers, n.e.c.	860			
	220 Postsecondary teachers		100.000	860	1
127	Engineering teachers	7,777			
	220 Postsecondary teachers		100.000	7,777	1
128	Mathematical science teachers	17,357			
	220 Postsecondary teachers		100.000	17,357	1
129	Computer science teachers	4,384			
	220 Postsecondary teachers		100.000	4,384	1
133	Medical science teachers	2,743			
	220 Postsecondary teachers		100.000	2,743	1
134	Health specialties teachers	15,711			
	220 Postsecondary teachers		97.409	15,304	2
	234 Other teachers and instructors		2.591	407	
135	Business, commerce, and marketing teachers	5,063			
	220 Postsecondary teachers		100.000	5,063	1
136	Agriculture and forestry teachers	1,061			
	220 Postsecondary teachers		100.000	1,061	1
137	Art, drama, and music teachers	21,393			
	220 Postsecondary teachers		100.000	21,393	1
138	Physical education teachers	4,115			
	220 Postsecondary teachers		93.258	3,838	3
	272 Athletes, coaches, umpires, and related workers		6.742	277	
139	Education teachers	1,455			
	220 Postsecondary teachers		100.000	1,455	1
143	English teachers	24,276			
	220 Postsecondary teachers		100.000	24,276	1
144	Foreign language teachers	10,025			
	220 Postsecondary teachers		100.000	10,025	1
145	Law teachers	4,555			
	220 Postsecondary teachers		100.000	4,555	1
146	Social work teachers	308			
	220 Postsecondary teachers		100.000	308	1
147	Theology teachers	2,616			
	220 Postsecondary teachers		100.000	2,616	1
148	Trade and industrial teachers	1,270			
	220 Postsecondary teachers		100.000	1,270	1
149	Home economics teachers	593			
	220 Postsecondary teachers		100.000	593	1
153	Teachers, postsecondary, n.e.c.	13,455			
	220 Postsecondary teachers		81.818	11,009	
	234 Other teachers and instructors		18.182	2,446	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
154	Postsecondary teachers, subject not specified	615,068			
	220 Postsecondary teachers		93.157	572,979	3
	234 Other teachers and instructors		6.843	42,089	
155	Teachers, prekindergarten and kindergarten	269,330			
	230 Preschool and kindergarten teachers		100.000	269,330	1
156	Teachers, elementary school	3,024,189			
	231 Elementary and middle school teachers		98.795	2,987,753	2
	233 Special education teachers		0.602	18,218	
	272 Athletes, coaches, umpires, and related workers		0.602	18,218	
157	Teachers, secondary school	624,400			
	231 Elementary and middle school teachers		17.182	107,285	
	232 Secondary school teachers		75.945	474,201	
	233 Special education teachers		0.344	2,146	
	234 Other teachers and instructors		5.498	34,331	
	254 Teacher assistants		0.344	2,146	
	272 Athletes, coaches, umpires, and related workers		0.687	4,291	
158	Teachers, special education	62,216			
	233 Special education teachers		82.692	51,448	
	234 Other teachers and instructors		17.308	10,768	
159	Teachers, n.e.c.	579,391			
	200 Counselors		1.463	8,474	
	202 Miscellaneous community and social service specialists		0.183	1,059	
	220 Postsecondary teachers		29.250	169,475	
	231 Elementary and middle school teachers		1.828	10,592	
	232 Secondary school teachers		3.473	20,125	
	234 Other teachers and instructors		40.768	236,205	
	255 Other education, training, and library workers		5.302	30,717	
	272 Athletes, coaches, umpires, and related workers		7.313	42,369	
	462 Recreation and fitness workers		10.420	60,375	
163	Counselors, educational and vocational	238,533			
	200 Counselors		100.000	238,533	1
164	Librarians	200,881			
	243 Librarians		100.000	200,881	1
165	Archivists and curators	27,575			
	240 Archivists, curators, and museum technicians		100.000	27,575	1
166	Economists	152,237			
	180 Economists		21.875	33,302	
	181 Market and survey researchers		78.125	118,935	
167	Psychologists	191,962			
	182 Psychologists		82.682	158,717	
	200 Counselors		16.201	31,100	
	201 Social workers		1.117	2,145	
168	Sociologists	2,211			

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	183 Sociologists		100.000	2,211	1
169	Social scientists, n.e.c.	20,297			
	186 Miscellaneous social scientists and related workers		98.462	19,985	2
	196 Other life, physical, and social science technicians		1.538	312	
173	Urban planners	18,531			
	184 Urban and regional planners		100.000	18,531	1
174	Social workers	658,919			
	042 Social and community service managers		2.146	14,140	
	200 Counselors		22.318	147,055	
	201 Social workers		57.511	378,949	
	202 Miscellaneous community and social service specialists		18.026	118,775	
175	Recreation workers	50,779			
	200 Counselors		7.874	3,998	
	202 Miscellaneous community and social service specialists		1.575	800	
	462 Recreation and fitness workers		90.551	45,981	3
176	Clergy	324,889			
	204 Clergy		98.925	321,396	2
	205 Directors, religious activities and education		1.075	3,493	
177	Religious workers, n.e.c.	98,807			
	042 Social and community service managers		0.676	668	
	204 Clergy		18.243	18,026	
	205 Directors, religious activities and education		37.838	37,386	
	206 Religious workers, all other		43.243	42,727	
178	Lawyers	747,077			
	210 Lawyers		93.333	697,272	3
	211 Judges, magistrates, and other judicial workers		0.952	7,115	
	214 Paralegals and legal assistants		0.476	3,558	
	215 Miscellaneous legal support workers		5.238	39,133	
179	Judges	32,394			
	211 Judges, magistrates, and other judicial workers		100.000	32,394	1
183	Authors	106,730			
	284 Technical writers		6.316	6,741	
	285 Writers and authors		93.684	99,989	3
184	Technical writers	74,292			
	283 Editors		8.000	5,943	
	284 Technical writers		92.000	68,349	3
185	Designers	596,802			
	260 Artists and related workers		4.641	27,700	
	263 Designers		94.937	566,584	3
	775 Miscellaneous assemblers and fabricators		0.422	2,518	
186	Musicians and composers	148,020			
	275 Musicians, singers, and related workers		100.000	148,020	1
187	Actors and directors	109,573			

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	006 Public relations managers		1.667	1,826	
	270 Actors		32.778	35,916	
	271 Producers and directors		61.111	66,961	
	276 Entertainers and performers, sports and related workers, all other		0.556	609	
	280 Announcers		3.333	3,652	
	283 Editors		0.556	609	
188	Painters, sculptors, craft-artists, and artist printmakers	212,762			
	260 Artists and related workers		78.341	166,680	
	263 Designers		20.737	44,121	
	881 Painting workers		0.922	1,961	
189	Photographers	143,520			
	260 Artists and related workers		1.667	2,392	
	291 Photographers		76.667	110,032	
	292 Television, video, and motion picture camera operators and editors		18.333	26,312	
	825 Prepress technicians and workers		3.333	4,784	
193	Dancers	21,913			
	274 Dancers and choreographers		99.351	21,771	2
	275 Musicians, singers, and related workers		0.649	142	
194	Artists, performers, and related workers, n.e.c.	93,421			
	220 Postsecondary teachers		3.614	3,377	
	234 Other teachers and instructors		5.422	5,065	
	260 Artists and related workers		10.241	9,567	
	271 Producers and directors		7.229	6,753	
	276 Entertainers and performers, sports and related workers, all other		17.470	16,321	
	280 Announcers		2.410	2,251	
	286 Miscellaneous media and communication workers		34.940	32,641	
	290 Broadcast and sound engineering technicians and radio operators		1.807	1,688	
	434 Animal trainers		15.060	14,069	
	465 Personal care and service workers, all other		1.807	1,688	
195	Editors and reporters	266,543			
	281 News analysts, reporters and correspondents		32.558	86,781	
	283 Editors		55.814	148,768	
	285 Writers and authors		9.767	26,034	
	292 Television, video, and motion picture camera operators and editors		1.395	3,719	
	583 Desktop publishers		0.465	1,240	
197	Public relations specialists	167,568			
	004 Advertising and promotions managers		2.778	4,655	
	006 Public relations managers		17.778	29,790	
	062 Human resources, training, and labor relations specialists		1.111	1,862	
	282 Public relations specialists		72.222	121,021	
	285 Writers and authors		4.444	7,447	
	351 Medical records and health information technicians		0.556	931	
	480 Advertising sales agents		1.111	1,862	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
198	Announcers	60,269			
	280 Announcers		100.000	60,269	1
199	Athletes	81,854			
	272 Athletes, coaches, umpires, and related workers		77.987	63,836	
	354 Other healthcare practitioners and technical occupations		13.208	10,811	
	435 Nonfarm animal caretakers		0.629	515	
	462 Recreation and fitness workers		3.145	2,574	
	752 Commercial divers		5.031	4,118	
203	Clinical laboratory technologists and technicians	329,892			
	330 Clinical laboratory technologists and technicians		77.778	256,583	
	332 Diagnostic related technologists and technicians		3.889	12,829	
	365 Medical assistants and other healthcare support occupations		18.333	60,480	
204	Dental hygienists	72,394			
	331 Dental hygienists		100.000	72,394	1
205	Health record technologists and technicians	55,764			
	351 Medical records and health information technicians		100.000	55,764	1
206	Radiologic technicians	130,383			
	320 Radiation therapists		3.627	4,729	
	332 Diagnostic related technologists and technicians		96.373	125,654	2
207	Licensed practical nurses	429,473			
	350 Licensed practical and licensed vocational nurses		100.000	429,473	1
208	Health technologists and technicians, n.e.c.	411,191			
	196 Other life, physical, and social science technicians		1.327	5,458	
	202 Miscellaneous community and social service specialists		0.442	1,819	
	220 Postsecondary teachers		0.885	3,639	
	311 Physician assistants		0.885	3,639	
	330 Clinical laboratory technologists and technicians		5.310	21,833	
	332 Diagnostic related technologists and technicians		6.637	27,291	
	340 Emergency medical technicians and paramedics		30.088	123,721	
	341 Health diagnosing and treating practitioner support technicians		19.027	78,235	
	353 Miscellaneous health technologists and technicians		5.752	23,653	
	354 Other healthcare practitioners and technical occupations		6.195	25,472	
	362 Physical therapist assistants and aides		1.327	5,458	
	365 Medical assistants and other healthcare support occupations		20.354	83,694	
	876 Medical, dental, and ophthalmic laboratory technicians		1.770	7,278	
213	Electrical and electronic technicians	401,463			
	100 Computer scientists and systems analysts		7.042	28,272	
	155 Engineering technicians, except drafters		89.437	359,055	
	286 Miscellaneous media and communication workers		1.408	5,654	
	743 Precision instrument and equipment repairers		2.113	8,482	
214	Industrial engineering technicians	15,324			
	155 Engineering technicians, except drafters		100.000	15,324	1
215	Mechanical engineering technicians	30,109			

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	155 Engineering technicians, except drafters		100.000	30,109	1
216	Engineering technicians, n.e.c.	239,680			
	131 Surveyors, cartographers, and photogrammetrists		1.527	3,659	
	155 Engineering technicians, except drafters		76.336	182,962	
	196 Other life, physical, and social science technicians		11.450	27,444	
	284 Technical writers		0.763	1,830	
	290 Broadcast and sound engineering technicians and radio operators		8.397	20,126	
	292 Television, video, and motion picture camera operators and editors		1.527	3,659	
217	Drafting occupations	324,764			
	130 Architects, except naval		3.165	10,277	
	131 Surveyors, cartographers, and photogrammetrists		4.430	14,388	
	154 Drafters		88.608	287,766	
	156 Surveying and mapping technicians		0.633	2,055	
	260 Artists and related workers		3.165	10,277	
218	Surveying and mapping technicians	93,095			
	131 Surveyors, cartographers, and photogrammetrists		19.553	18,203	
	156 Surveying and mapping technicians		80.447	74,892	
223	Biological technicians	56,723			
	190 Agricultural and food science technicians		36.782	20,864	
	191 Biological technicians		28.736	16,300	
	192 Chemical technicians		12.644	7,172	
	196 Other life, physical, and social science technicians		11.494	6,520	
	341 Health diagnosing and treating practitioner support technicians		10.345	5,868	
224	Chemical technicians	76,639			
	155 Engineering technicians, except drafters		2.878	2,205	
	172 Chemists and materials scientists		4.317	3,308	
	190 Agricultural and food science technicians		2.878	2,205	
	192 Chemical technicians		85.612	65,612	
	193 Geological and petroleum technicians		4.317	3,308	
225	Science technicians, n.e.c.	75,626			
	155 Engineering technicians, except drafters		64.167	48,527	
	192 Chemical technicians		4.167	3,151	
	193 Geological and petroleum technicians		11.667	8,823	
	196 Other life, physical, and social science technicians		20.000	15,125	
226	Airplane pilots and navigators	109,826			
	903 Aircraft pilots and flight engineers		100.000	109,826	1
227	Air traffic controllers	47,163			
	904 Air traffic controllers and airfield operations specialists		100.000	47,163	1
228	Broadcast equipment operators	35,519			
	290 Broadcast and sound engineering technicians and radio operators		84.685	30,079	
	292 Television, video, and motion picture camera operators and editors		0.901	320	
	296 Media and communication equipment workers, all other		1.802	640	
	503 Communications equipment operators, all other		3.604	1,280	

**Table 2. 1990 Census Occupation Classification System and Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	552 Dispatchers		9.009	3,200	
229	Computer programmers	662,759			
	101 Computer programmers		100.000	662,759	1
233	Tool programmers, numerical control	3,670			
	790 Computer control programmers and operators		100.000	3,670	1
234	Legal assistants	258,152			
	214 Paralegals and legal assistants		51.351	132,565	
	215 Miscellaneous legal support workers		47.297	122,099	
	593 Office and administrative support workers, all other		1.351	3,489	
235	Technicians, n.e.c.	527,799			
	155 Engineering technicians, except drafters		4.918	25,957	
	176 Physical scientists, all other		1.639	8,652	
	181 Market and survey researchers		1.639	8,652	
	184 Urban and regional planners		1.639	8,652	
	194 Nuclear technicians		6.557	34,610	
	196 Other life, physical, and social science technicians		52.459	276,878	
	244 Library Technicians		3.279	17,305	
	260 Artists and related workers		11.475	60,567	
	290 Broadcast and sound engineering technicians and radio operators		8.197	43,262	
	332 Diagnostic related technologists and technicians		3.279	17,305	
	875 Jewelers and precious stone and metal workers		4.918	25,957	
243	Supervisors and proprietors, sales occupations	3,451,461			
	012 Financial managers		1.142	39,400	
	041 Property, real estate, and community association managers		0.457	15,760	
	043 Managers, all other		3.425	118,201	
	052 Wholesale and retail buyers, except farm products		1.598	55,160	
	401 First-line supervisors/managers of food preparation and serving workers		0.228	7,880	
	470 First-line supervisors/managers of retail sales workers		56.393	1,946,372	
	471 First-line supervisors/managers of non-retail sales workers		13.470	464,923	
	476 Retail salespersons		5.251	181,241	
	482 Securities, commodities, and financial services sales agents		0.457	15,760	
	484 Sales representatives, services, all other		0.228	7,880	
	485 Sales representatives, wholesale and manufacturing		3.425	118,201	
	495 Door-to-door sales workers, news and street vendors, and related workers		0.457	15,760	
	496 Sales and related workers, all other		0.913	31,520	
	500 First-line supervisors/managers of office and administrative support workers		6.621	228,521	
	770 First-line supervisors/managers of production and operating workers		3.196	110,321	
	780 Bakers		0.228	7,880	
	900 Supervisors, transportation and material moving workers		2.055	70,920	
	913 Driver/sales workers and truck drivers		0.457	15,760	
253	Insurance sales occupations	666,542			
	054 Claims adjusters, appraisers, examiners, and investigators		13.274	88,479	
	085 Personal financial advisors		3.982	26,544	



**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	086 Insurance underwriters		1.770	11,797	
	220 Postsecondary teachers		1.327	8,848	
	481 Insurance sales agents		76.991	513,178	
	494 Telemarketers		0.885	5,899	
	496 Sales and related workers, all other		0.885	5,899	
	510 Bill and account collectors		0.885	5,899	
254	Real estate sales occupations	801,238			
	081 Appraisers and assessors of real estate		10.573	84,712	
	085 Personal financial advisors		0.881	7,059	
	492 Real estate brokers and sales agents		85.903	688,288	
	496 Sales and related workers, all other		2.643	21,178	
255	Securities and financial services sales occupations	297,548			
	084 Financial analysts		2.516	7,485	
	085 Personal financial advisors		18.868	56,141	
	482 Securities, commodities, and financial services sales agents		75.472	224,565	
	496 Sales and related workers, all other		3.145	9,357	
256	Advertising and related sales occupations	174,065			
	053 Purchasing agents, except wholesale, retail, and farm products		1.613	2,808	
	480 Advertising sales agents		96.237	167,514	2
	496 Sales and related workers, all other		2.151	3,743	
257	Sales occupations, other business services	549,247			
	476 Retail salespersons		1.402	7,700	
	484 Sales representatives, services, all other		74.766	410,652	
	485 Sales representatives, wholesale and manufacturing		11.682	64,164	
	494 Telemarketers		9.813	53,898	
	524 Customer service representatives		2.336	12,833	
258	Sales engineers	43,616			
	493 Sales engineers		100.000	43,616	1
259	Sales representatives, mining, manufacturing, and wholesale	1,527,816			
	073 Other business operations specialists		1.581	24,155	
	475 Parts salespersons		5.138	78,504	
	484 Sales representatives, services, all other		2.372	36,233	
	485 Sales representatives, wholesale and manufacturing		76.680	1,171,527	
	496 Sales and related workers, all other		13.834	211,358	
	913 Driver/sales workers and truck drivers		0.395	6,039	
263	Sales workers, motor vehicles and boats	352,279			
	470 First-line supervisors/managers of retail sales workers		2.286	8,052	
	474 Counter and rental clerks		0.571	2,013	
	476 Retail salespersons		95.429	336,175	2
	485 Sales representatives, wholesale and manufacturing		1.714	6,039	
264	Sales workers, apparel	444,577			
	476 Retail salespersons		100.000	444,577	1
265	Sales workers, shoes	117,767			

**Table 2. 1990 Census Occupation Classification System and  
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1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	476 Retail salespersons		100.000	117,767	1
266	Sales workers, furniture and home furnishings	187,120			
	476 Retail salespersons		99.390	185,979	2
	484 Sales representatives, services, all other		0.610	1,141	
267	Sales workers; radio, TV, hi-fi, and appliances	170,872			
	476 Retail salespersons		100.000	170,872	1
268	Sales workers, hardware and building supplies	175,187			
	476 Retail salespersons		100.000	175,187	1
269	Sales workers, parts	132,093			
	475 Parts salespersons		100.000	132,093	1
274	Sales workers, other commodities	1,857,857			
	353 Miscellaneous health technologists and technicians		0.241	4,477	
	406 Counter attendants, cafeteria, food concession, and coffee shop		3.614	67,151	
	472 Cashiers		0.482	8,954	
	474 Counter and rental clerks		2.410	44,768	
	475 Parts salespersons		1.205	22,384	
	476 Retail salespersons		78.554	1,459,425	
	482 Securities, commodities, and financial services sales agents		0.723	13,430	
	484 Sales representatives, services, all other		1.205	22,384	
	485 Sales representatives, wholesale and manufacturing		3.133	58,198	
	494 Telemarketers		5.301	98,489	
	495 Door-to-door sales workers, news and street vendors, and related workers		0.482	8,954	
	496 Sales and related workers, all other		2.651	49,244	
275	Sales counter clerks	210,073			
	470 First-line supervisors/managers of retail sales workers		0.667	1,400	
	474 Counter and rental clerks		82.667	173,660	
	476 Retail salespersons		8.667	18,206	
	770 First-line supervisors/managers of production and operating workers		8.000	16,806	
276	Cashiers	2,855,680			
	365 Medical assistants and other healthcare support occupations		3.383	96,621	
	472 Cashiers		75.940	2,168,599	
	476 Retail salespersons		20.301	579,725	
	513 Gaming cage workers		0.376	10,736	
277	Street and door-to-door sales workers	230,927			
	412 Food servers, nonrestaurant		1.053	2,431	
	490 Models, demonstrators, and product promoters		3.158	7,292	
	494 Telemarketers		37.895	87,509	
	495 Door-to-door sales workers, news and street vendors, and related workers		38.947	89,940	
	496 Sales and related workers, all other		18.947	43,755	
278	News vendors	113,849			
	495 Door-to-door sales workers, news and street vendors, and related workers		83.523	95,090	
	913 Driver/sales workers and truck drivers		16.477	18,759	
283	Demonstrators, promoters and models, sales	45,265			

**Table 2. 1990 Census Occupation Classification System and  
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1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	490 Models, demonstrators, and product promoters		98.621	44,641	2
	496 Sales and related workers, all other		1.379	624	
284	Auctioneers	8,372			
	496 Sales and related workers, all other		100.000	8,372	1
285	Sales support occupations, n.e.c.	19,318			
	260 Artists and related workers		6.897	1,332	
	496 Sales and related workers, all other		89.655	17,320	
	875 Jewelers and precious stone and metal workers		3.448	666	
303	Supervisors, general office	579,625			
	500 First-line supervisors/managers of office and administrative support workers		94.690	548,848	3
	570 Secretaries and administrative assistants		5.310	30,777	
304	Supervisors, computer equipment operators	34,548			
	500 First-line supervisors/managers of office and administrative support workers		100.000	34,548	1
305	Supervisors, financial records processing	110,386			
	500 First-line supervisors/managers of office and administrative support workers		100.000	110,386	1
306	Chief communications operators	4,373			
	500 First-line supervisors/managers of office and administrative support workers		100.000	4,373	1
307	Supervisors; distribution, scheduling, and adjusting clerks	195,394			
	500 First-line supervisors/managers of office and administrative support workers		96.154	187,879	2
	770 First-line supervisors/managers of production and operating workers		3.846	7,515	
308	Computer operators	660,318			
	580 Computer operators		100.000	660,318	1
309	Peripheral equipment operators	6,895			
	580 Computer operators		92.958	6,409	3
	590 Office machine operators, except computer		7.042	486	
313	Secretaries	4,018,671			
	500 First-line supervisors/managers of office and administrative support workers		1.439	57,823	
	570 Secretaries and administrative assistants		98.561	3,960,848	2
314	Stenographers	79,880			
	215 Miscellaneous legal support workers		68.786	54,946	
	365 Medical assistants and other healthcare support occupations		16.763	13,390	
	593 Office and administrative support workers, all other		14.451	11,543	
315	Typists	662,775			
	582 Word processors and typists		99.315	658,235	2
	583 Desktop publishers		0.685	4,540	
316	Interviewers	205,958			
	523 Credit authorizers, checkers, and clerks		7.345	15,127	
	531 Interviewers, except eligibility and loan		87.006	179,195	
	534 New accounts clerks		5.650	11,636	
317	Hotel clerks	96,390			
	530 Hotel, motel, and resort desk clerks		83.030	80,033	
	541 Reservation and transportation ticket agents and travel clerks		16.970	16,357	
318	Transportation ticket and reservation agents	269,951			

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	472 Cashiers		1.835	4,953	
	483 Travel agents		45.413	122,592	
	484 Sales representatives, services, all other		1.835	4,953	
	494 Telemarketers		0.917	2,477	
	541 Reservation and transportation ticket agents and travel clerks		49.541	133,737	
	593 Office and administrative support workers, all other		0.459	1,238	
319	Receptionists	822,093			
	531 Interviewers, except eligibility and loan		4.324	35,550	
	540 Receptionists and information clerks		95.676	786,543	2
323	Information clerks, n.e.c.	184,254			
	072 Meeting and convention planners		1.504	2,771	
	104 Computer support specialists		0.752	1,385	
	524 Customer service representatives		5.263	9,698	
	533 Loan interviewers and clerks		1.504	2,771	
	540 Receptionists and information clerks		90.226	166,244	3
	563 Weighers, measurers, checkers, and samplers, recordkeeping		0.752	1,385	
325	Classified-ad clerks	5,282			
	535 Order clerks		100.000	5,282	1
326	Correspondence clerks	12,521			
	521 Correspondence clerks		100.000	12,521	1
327	Order clerks	229,122			
	524 Customer service representatives		42.857	98,195	
	535 Order clerks		50.857	116,525	
	562 Stock clerks and order fillers		6.286	14,402	
328	Personnel clerks, except payroll and timekeeping	80,893			
	536 Human resources assistants, except payroll and timekeeping		70.588	57,101	
	584 Insurance claims and policy processing clerks		29.412	23,792	
329	Library clerks	150,475			
	244 Library Technicians		27.059	40,717	
	532 Library assistants, clerical		72.941	109,758	
335	File clerks	267,946			
	526 File Clerks		100.000	267,946	1
336	Records clerks	137,972			
	054 Claims adjusters, appraisers, examiners, and investigators		0.671	926	
	086 Insurance underwriters		3.356	4,630	
	511 Billing and posting clerks and machine operators		5.369	7,408	
	520 Brokerage clerks		4.698	6,482	
	524 Customer service representatives		6.040	8,334	
	526 File Clerks		42.282	58,337	
	536 Human resources assistants, except payroll and timekeeping		1.342	1,852	
	542 Information and record clerks, all other		21.477	29,632	
	562 Stock clerks and order fillers		0.671	926	
	563 Weighers, measurers, checkers, and samplers, recordkeeping		0.671	926	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	570 Secretaries and administrative assistants		0.671	926	
	584 Insurance claims and policy processing clerks		6.711	9,260	
	591 Proofreaders and copy markers		0.671	926	
	593 Office and administrative support workers, all other		5.369	7,408	
337	Bookkeepers, accounting, and auditing clerks	1,921,952			
	510 Bill and account collectors		2.500	48,049	
	511 Billing and posting clerks and machine operators		3.750	72,073	
	512 Bookkeeping, accounting, and auditing clerks		92.917	1,785,814	3
	526 File Clerks		0.833	16,016	
338	Payroll and timekeeping clerks	179,480			
	514 Payroll and timekeeping clerks		100.000	179,480	1
339	Billing clerks	168,476			
	511 Billing and posting clerks and machine operators		100.000	168,476	1
343	Cost and rate clerks	78,267			
	511 Billing and posting clerks and machine operators		100.000	78,267	1
344	Billing, posting, and calculating machine operators	53,354			
	511 Billing and posting clerks and machine operators		55.714	29,726	
	590 Office machine operators, except computer		44.286	23,628	
345	Duplicating machine operators	27,866			
	590 Office machine operators, except computer		100.000	27,866	1
346	Mail preparing and paper handling machine operators	6,196			
	585 Mail clerks and mail machine operators, except postal service		100.000	6,196	1
347	Office machine operators, n.e.c.	34,726			
	590 Office machine operators, except computer		100.000	34,726	1
348	Telephone operators	233,257			
	501 Switchboard operators, including answering service		40.782	95,127	
	502 Telephone operators		59.218	138,130	
353	Communications equipment operators, n.e.c.	10,858			
	501 Switchboard operators, including answering service		43.750	4,750	
	502 Telephone operators		11.458	1,244	
	503 Communications equipment operators, all other		28.125	3,054	
	590 Office machine operators, except computer		4.167	452	
	920 Locomotive engineers and operators		12.500	1,357	
354	Postal clerks, exc. mail carriers	350,565			
	554 Postal service clerks		54.054	189,495	
	555 Postal service mail carriers		0.541	1,895	
	556 Postal service mail sorters, processors, and processing machine operators		42.162	147,806	
	590 Office machine operators, except computer		3.243	11,370	
355	Mail carriers, postal service	328,241			
	555 Postal service mail carriers		100.000	328,241	1
356	Mail clerks, exc. postal service	211,709			
	551 Couriers and messengers		4.403	9,321	
	585 Mail clerks and mail machine operators, except postal service		95.597	202,388	2

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
357	Messengers	142,762			
	496 Sales and related workers, all other		1.299	1,854	
	551 Couriers and messengers		98.052	139,981	2
	585 Mail clerks and mail machine operators, except postal service		0.649	927	
359	Dispatchers	204,947			
	552 Dispatchers		99.187	203,281	2
	770 First-line supervisors/managers of production and operating workers		0.813	1,666	
363	Production coordinators	252,659			
	552 Dispatchers		2.857	7,219	
	560 Production, planning, and expediting clerks		97.143	245,440	2
364	Traffic, shipping, and receiving clerks	648,602			
	524 Customer service representatives		7.111	46,123	
	541 Reservation and transportation ticket agents and travel clerks		0.444	2,883	
	550 Cargo and freight agents		5.333	34,592	
	561 Shipping, receiving, and traffic clerks		87.111	565,004	
365	Stock and inventory clerks	711,772			
	403 Food preparation workers		0.985	7,013	
	500 First-line supervisors/managers of office and administrative support workers		2.463	17,531	
	515 Procurement clerks		5.419	38,569	
	535 Order clerks		1.478	10,519	
	562 Stock clerks and order fillers		87.192	620,609	
	563 Weighers, measurers, checkers, and samplers, recordkeeping		2.463	17,531	
366	Meter readers	49,536			
	553 Meter readers, utilities		100.000	49,536	1
368	Weighers, measurers, checkers and samplers	80,746			
	535 Order clerks		7.692	6,211	
	563 Weighers, measurers, checkers, and samplers, recordkeeping		85.470	69,014	
	874 Inspectors, testers, sorters, samplers, and weighers		3.419	2,761	
	896 Production workers, all other		3.419	2,761	
373	Expediters	238,789			
	524 Customer service representatives		55.844	133,350	
	560 Production, planning, and expediting clerks		44.156	105,439	
374	Material recording, scheduling, and distributing clerks, n.e.c.	33,855			
	524 Customer service representatives		2.899	981	
	535 Order clerks		1.449	491	
	552 Dispatchers		1.449	491	
	560 Production, planning, and expediting clerks		21.739	7,360	
	562 Stock clerks and order fillers		63.768	21,589	
	593 Office and administrative support workers, all other		8.696	2,944	
375	Insurance adjusters, examiners, and investigators	344,639			
	054 Claims adjusters, appraisers, examiners, and investigators		75.978	261,849	
	584 Insurance claims and policy processing clerks		24.022	82,790	
376	Investigators and adjusters, except insurance	581,830			

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	054 Claims adjusters, appraisers, examiners, and investigators		1.970	11,465	
	062 Human resources, training, and labor relations specialists		1.478	8,598	
	091 Loan counselors and officers		0.985	5,732	
	391 Private detectives and investigators		0.493	2,866	
	523 Credit authorizers, checkers, and clerks		7.389	42,992	
	524 Customer service representatives		74.384	432,790	
	525 Eligibility interviewers, government programs		0.493	2,866	
	533 Loan interviewers and clerks		8.867	51,591	
	542 Information and record clerks, all other		0.493	2,866	
	586 Office clerks, general		0.985	5,732	
	593 Office and administrative support workers, all other		2.463	14,331	
377	Eligibility clerks, social welfare	49,506			
	202 Miscellaneous community and social service specialists		1.250	619	
	511 Billing and posting clerks and machine operators		1.250	619	
	525 Eligibility interviewers, government programs		68.750	34,035	
	584 Insurance claims and policy processing clerks		28.750	14,233	
378	Bill and account collectors	163,112			
	484 Sales representatives, services, all other		0.658	1,073	
	510 Bill and account collectors		99.342	162,039	2
379	General office clerks	1,491,116			
	254 Teacher assistants		0.664	9,908	
	500 First-line supervisors/managers of office and administrative support workers		1.661	24,769	
	540 Receptionists and information clerks		2.990	44,585	
	561 Shipping, receiving, and traffic clerks		0.332	4,954	
	586 Office clerks, general		90.033	1,342,500	3
	593 Office and administrative support workers, all other		4.319	64,400	
383	Bank tellers	509,023			
	472 Cashiers		2.367	12,048	
	516 Tellers		97.633	496,975	2
384	Proofreaders	30,326			
	591 Proofreaders and copy markers		100.000	30,326	1
385	Data-entry keyers	639,265			
	503 Communications equipment operators, all other		1.070	6,837	
	581 Data entry keyers		98.930	632,428	2
386	Statistical clerks	148,578			
	351 Medical records and health information technicians		55.556	82,543	
	512 Bookkeeping, accounting, and auditing clerks		6.481	9,630	
	592 Statistical assistants		37.963	56,405	
387	Teachers' aides	275,543			
	254 Teacher assistants		100.000	275,543	1
389	Administrative support occupations, n.e.c.	688,288			
	286 Miscellaneous media and communication workers		0.461	3,172	
	365 Medical assistants and other healthcare support occupations		3.687	25,375	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	522 Court, municipal, and license clerks		13.825	95,155	
	523 Credit authorizers, checkers, and clerks		0.922	6,344	
	524 Customer service representatives		0.461	3,172	
	533 Loan interviewers and clerks		3.226	22,203	
	541 Reservation and transportation ticket agents and travel clerks		1.843	12,687	
	586 Office clerks, general		14.286	98,327	
	593 Office and administrative support workers, all other		52.535	361,589	
	896 Production workers, all other		4.147	28,547	
	964 Packers and packagers, hand		4.608	31,718	
403	Launderers and ironers	1,687			
	830 Laundry and dry-cleaning workers		16.901	285	
	831 Pressers, textile, garment, and related materials		83.099	1,402	
404	Cooks, private household	9,212			
	402 Cooks		100.000	9,212	1
405	Housekeepers and butlers	34,416			
	401 First-line supervisors/managers of food preparation and serving workers		1.031	355	
	420 First-line supervisors/managers of housekeeping and janitorial workers		1.031	355	
	423 Maids and housekeeping cleaners		68.041	23,417	
	432 First-line supervisors/managers of personal service workers		1.031	355	
	465 Personal care and service workers, all other		28.866	9,935	
406	Child care workers, private household	164,252			
	460 Child care workers		100.000	164,252	1
407	Private household cleaners and servants	354,351			
	402 Cooks		1.967	6,971	
	422 Janitors and building cleaners		4.262	15,103	
	423 Maids and housekeeping cleaners		82.623	292,775	
	461 Personal and home care aides		10.164	36,016	
	465 Personal care and service workers, all other		0.656	2,324	
	551 Couriers and messengers		0.328	1,162	
413	Supervisors, firefighting and fire prevention occupations	29,298			
	372 First-line supervisors/managers of fire fighting and prevention workers		82.692	24,227	
	374 Fire fighters		2.885	845	
	375 Fire inspectors		14.423	4,226	
414	Supervisors, police and detectives	61,222			
	370 First-line supervisors/managers of correctional officers		10.303	6,308	
	371 First-line supervisors/managers of police and detectives		80.000	48,978	
	385 Police and sheriff's patrol officers		9.697	5,937	
415	Supervisors, guards	44,686			
	370 First-line supervisors/managers of correctional officers		0.671	300	
	371 First-line supervisors/managers of police and detectives		0.671	300	
	373 Supervisors, protective service workers, all other		83.893	37,488	
	380 Bailiffs, correctional officers, and jailers		2.013	900	
	392 Security guards and gaming surveillance officers		12.752	5,698	



**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
416	Fire inspection and fire prevention occupations	16,725			
	374 Fire fighters		7.752	1,297	
	375 Fire inspectors		75.194	12,576	
	392 Security guards and gaming surveillance officers		17.054	2,852	
417	Firefighting occupations	224,761			
	372 First-line supervisors/managers of fire fighting and prevention workers		2.222	4,995	
	374 Fire fighters		95.556	214,772	3
	375 Fire inspectors		2.222	4,995	
418	Police and detectives, public service	519,184			
	093 Tax examiners, collectors, and revenue agents		0.526	2,733	
	382 Detectives and criminal investigators		22.105	114,767	
	385 Police and sheriff's patrol officers		75.789	393,487	
	386 Transit and railroad police		1.579	8,198	
423	Sheriffs, bailiffs, and other law enforcement officers	118,432			
	371 First-line supervisors/managers of police and detectives		1.266	1,499	
	380 Bailiffs, correctional officers, and jailers		37.342	44,225	
	382 Detectives and criminal investigators		1.899	2,249	
	383 Fish and game wardens		7.595	8,995	
	384 Parking enforcement workers		8.228	9,744	
	385 Police and sheriff's patrol officers		36.709	43,475	
	392 Security guards and gaming surveillance officers		5.063	5,997	
	395 Lifeguards and other protective service workers		1.899	2,249	
424	Correctional institution officers	184,667			
	380 Bailiffs, correctional officers, and jailers		100.000	184,667	1
425	Crossing guards	45,313			
	392 Security guards and gaming surveillance officers		2.116	959	
	394 Crossing guards		97.884	44,354	2
426	Guards and police, exc. public service	785,511			
	385 Police and sheriff's patrol officers		4.418	34,701	
	386 Transit and railroad police		0.803	6,309	
	391 Private detectives and investigators		6.024	47,320	
	392 Security guards and gaming surveillance officers		85.542	671,943	
	395 Lifeguards and other protective service workers		1.606	12,619	
	443 Miscellaneous entertainment attendants and related workers		1.606	12,619	
427	Protective service occupations, n.e.c.	54,976			
	383 Fish and game wardens		1.538	846	
	390 Animal control workers		12.821	7,048	
	392 Security guards and gaming surveillance officers		0.513	282	
	395 Lifeguards and other protective service workers		82.564	45,390	
	460 Child care workers		2.564	1,410	
433	Supervisors, food preparation and service occupations	276,420			
	400 Chefs and head cooks		12.921	35,717	
	401 First-line supervisors/managers of food preparation and serving workers		59.551	164,610	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	411 Waiters and waitresses		3.933	10,870	
	415 Hosts and hostesses, restaurant, lounge, and coffee shop		21.910	60,564	
	500 First-line supervisors/managers of office and administrative support workers		1.124	3,106	
	780 Bakers		0.562	1,553	
434	Bartenders	330,710			
	404 Bartenders		100.000	330,710	1
435	Waiters and waitresses	1,488,253			
	405 Combined food preparation and serving workers, including fast food		0.476	7,087	
	411 Waiters and waitresses		99.524	1,481,166	2
436	Cooks	2,073,260			
	400 Chefs and head cooks		8.779	182,004	
	402 Cooks		72.137	1,495,596	
	403 Food preparation workers		12.214	253,223	
	405 Combined food preparation and serving workers, including fast food		4.198	87,045	
	780 Bakers		2.672	55,392	
438	Food counter, fountain and related occupations	236,480			
	403 Food preparation workers		2.890	6,835	
	405 Combined food preparation and serving workers, including fast food		10.405	24,605	
	406 Counter attendants, cafeteria, food concession, and coffee shop		61.850	146,262	
	411 Waiters and waitresses		12.717	30,073	
	412 Food servers, nonrestaurant		10.405	24,605	
	413 Dining room and cafeteria attendants and bartender helpers		1.734	4,101	
439	Kitchen workers, food preparation	211,500			
	403 Food preparation workers		52.525	111,091	
	405 Combined food preparation and serving workers, including fast food		45.960	97,205	
	781 Butchers and other meat, poultry, and fish processing workers		1.515	3,205	
443	Waiters/waitresses' assistants	378,558			
	406 Counter attendants, cafeteria, food concession, and coffee shop		12.429	47,052	
	411 Waiters and waitresses		18.079	68,440	
	412 Food servers, nonrestaurant		9.605	36,359	
	413 Dining room and cafeteria attendants and bartender helpers		59.887	226,707	
444	Miscellaneous food preparation occupations	743,777			
	402 Cooks		11.795	87,728	
	403 Food preparation workers		27.179	202,155	
	405 Combined food preparation and serving workers, including fast food		1.538	11,443	
	412 Food servers, nonrestaurant		3.077	22,885	
	413 Dining room and cafeteria attendants and bartender helpers		11.795	87,728	
	414 Dishwashers		36.410	270,811	
	415 Hosts and hostesses, restaurant, lounge, and coffee shop		1.026	7,628	
	416 Food preparation and serving related workers, all other		7.179	53,399	
445	Dental assistants	179,287			
	364 Dental assistants		100.000	179,287	1
446	Health aides, except nursing	222,977			

**Table 2. 1990 Census Occupation Classification System and Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	200 Counselors		6.000	13,379	
	313 Registered nurses		0.400	892	
	315 Occupational therapists		0.800	1,784	
	316 Physical therapists		4.800	10,703	
	330 Clinical laboratory technologists and technicians		9.200	20,514	
	341 Health diagnosing and treating practitioner support technicians		1.200	2,676	
	360 Nursing, psychiatric, and home health aides		4.800	10,703	
	361 Occupational therapist assistants and aides		1.600	3,568	
	362 Physical therapist assistants and aides		8.000	17,838	
	365 Medical assistants and other healthcare support occupations		53.200	118,624	
	412 Food servers, nonrestaurant		9.200	20,514	
	911 Ambulance drivers and attendants, except emergency medical technicians		0.800	1,784	
447	Nursing aides, orderlies, and attendants	1,859,694			
	313 Registered nurses		1.639	30,487	
	341 Health diagnosing and treating practitioner support technicians		1.311	24,389	
	350 Licensed practical and licensed vocational nurses		8.852	164,629	
	360 Nursing, psychiatric, and home health aides		70.820	1,317,029	
	361 Occupational therapist assistants and aides		0.328	6,097	
	365 Medical assistants and other healthcare support occupations		3.934	73,168	
	460 Child care workers		2.623	48,779	
	461 Personal and home care aides		10.492	195,115	
448	Supervisors, cleaning and building service workers	167,475			
	420 First-line supervisors/managers of housekeeping and janitorial workers		96.063	160,881	2
	422 Janitors and building cleaners		3.150	5,275	
	975 Material moving workers, all other		0.787	1,319	
449	Maids and housemen	712,789			
	422 Janitors and building cleaners		13.744	97,966	
	423 Maids and housekeeping cleaners		84.360	601,310	
	453 Baggage porters, bellhops, and concierges		1.896	13,513	
453	Janitors and cleaners	2,481,545			
	420 First-line supervisors/managers of housekeeping and janitorial workers		4.298	106,657	
	422 Janitors and building cleaners		64.470	1,599,850	
	423 Maids and housekeeping cleaners		23.209	575,946	
	453 Baggage porters, bellhops, and concierges		0.287	7,110	
	733 Industrial and refractory machinery mechanics		0.573	14,221	
	961 Cleaners of vehicles and equipment		3.725	92,436	
	962 Laborers and freight, stock, and material movers, hand		3.438	85,325	
454	Elevator operators	11,411			
	975 Material moving workers, all other		100.000	11,411	1
455	Pest control occupations	50,481			
	424 Pest control workers		100.000	50,481	1
456	Supervisors, personal service occupations	62,932			
	401 First-line supervisors/managers of food preparation and serving workers		2.542	1,600	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	430 First-line supervisors/managers of gaming workers		9.322	5,867	
	432 First-line supervisors/managers of personal service workers		40.678	25,599	
	442 Ushers, lobby attendants, and ticket takers		1.695	1,067	
	443 Miscellaneous entertainment attendants and related workers		5.932	3,733	
	453 Baggage porters, bellhops, and concierges		7.627	4,800	
	460 Child care workers		27.966	17,600	
	471 First-line supervisors/managers of non-retail sales workers		1.695	1,067	
	975 Material moving workers, all other		2.542	1,600	
457	Barbers	84,626			
	220 Postsecondary teachers		0.515	436	
	450 Barbers		96.392	81,572	2
	451 Hairdressers, hairstylists, and cosmetologists		3.093	2,617	
458	Hairdressers and cosmetologists	733,576			
	220 Postsecondary teachers		1.932	14,175	
	451 Hairdressers, hairstylists, and cosmetologists		89.855	659,155	
	452 Miscellaneous personal appearance workers		8.213	60,245	
459	Attendants, amusement and recreation facilities	137,153			
	392 Security guards and gaming surveillance officers		1.899	2,604	
	430 First-line supervisors/managers of gaming workers		1.899	2,604	
	440 Gaming services workers		32.911	45,139	
	442 Ushers, lobby attendants, and ticket takers		3.797	5,208	
	443 Miscellaneous entertainment attendants and related workers		52.532	72,049	
	460 Child care workers		1.266	1,736	
	462 Recreation and fitness workers		3.797	5,208	
	474 Counter and rental clerks		1.899	2,604	
461	Guides	41,286			
	360 Nursing, psychiatric, and home health aides		12.295	5,076	
	454 Tour and travel guides		87.705	36,210	
462	Ushers	29,611			
	406 Counter attendants, cafeteria, food concession, and coffee shop		1.333	395	
	442 Ushers, lobby attendants, and ticket takers		98.667	29,216	2
463	Public transportation attendants	105,949			
	455 Transportation attendants		100.000	105,949	1
464	Baggage porters and bellhops	38,763			
	412 Food servers, nonrestaurant		17.829	6,911	
	453 Baggage porters, bellhops, and concierges		79.070	30,650	
	455 Transportation attendants		3.101	1,202	
465	Welfare service aides	48,190			
	202 Miscellaneous community and social service specialists		59.524	28,685	
	460 Child care workers		1.190	574	
	461 Personal and home care aides		39.286	18,932	
466	Family child care providers	434,643			
	460 Child care workers		100.000	434,643	1

**Table 2. 1990 Census Occupation Classification System and Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories			1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories					
467	Early childhood teacher's assistants		338,928			
	254	Teacher assistants		18.966	64,279	
	460	Child care workers		81.034	274,649	
468	Child care workers, n.e.c.		211,351			
	254	Teacher assistants		7.634	16,134	
	460	Child care workers		80.916	171,017	
	464	Residential advisors		11.450	24,200	
469	Personal service occupations, n.e.c.		227,239			
	034	Lodging managers		0.532	1,209	
	280	Announcers		1.064	2,417	
	363	Massage therapists		13.830	31,427	
	365	Medical assistants and other healthcare support occupations		1.064	2,417	
	401	First-line supervisors/managers of food preparation and serving workers		1.064	2,417	
	415	Hosts and hostesses, restaurant, lounge, and coffee shop		25.000	56,810	
	420	First-line supervisors/managers of housekeeping and janitorial workers		0.532	1,209	
	422	Janitors and building cleaners		0.532	1,209	
	423	Maids and housekeeping cleaners		19.149	43,514	
	442	Ushers, lobby attendants, and ticket takers		9.574	21,757	
	443	Miscellaneous entertainment attendants and related workers		6.383	14,505	
	446	Funeral service workers		4.255	9,670	
	453	Baggage porters, bellhops, and concierges		2.660	6,044	
	454	Tour and travel guides		0.532	1,209	
	462	Recreation and fitness workers		1.064	2,417	
	464	Residential advisors		5.319	12,087	
	465	Personal care and service workers, all other		5.851	13,296	
	470	First-line supervisors/managers of retail sales workers		0.532	1,209	
	490	Models, demonstrators, and product promoters		1.064	2,417	
473	Farmers, except horticultural		795,187			
	021	Farmers and ranchers		70.792	562,929	
	425	Grounds maintenance workers		0.990	7,873	
	605	Miscellaneous agricultural workers		28.218	224,384	
474	Horticultural specialty farmers		34,732			
	021	Farmers and ranchers		18.125	6,295	
	421	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers		5.000	1,737	
	425	Grounds maintenance workers		75.625	26,266	
	605	Miscellaneous agricultural workers		1.250	434	
475	Managers, farms, except horticultural		238,884			
	020	Farm, ranch, and other agricultural managers		70.000	167,219	
	600	First-line supervisors/managers of farming, fishing, and forestry workers		7.778	18,580	
	602	Animal breeders		5.556	13,271	
	605	Miscellaneous agricultural workers		16.667	39,814	
476	Managers, horticultural specialty farms		18,562			
	020	Farm, ranch, and other agricultural managers		55.435	10,290	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	263 Designers		4.348	807	
	421 First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers		40.217	7,465	
477	Supervisors, farm workers	43,435			
	421 First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers		2.632	1,143	
	600 First-line supervisors/managers of farming, fishing, and forestry workers		97.368	42,292	2
479	Farm workers	759,669			
	020 Farm, ranch, and other agricultural managers		4.870	36,997	
	425 Grounds maintenance workers		1.623	12,332	
	434 Animal trainers		3.247	24,665	
	435 Nonfarm animal caretakers		1.948	14,799	
	605 Miscellaneous agricultural workers		87.662	665,944	
	612 Forest and conservation workers		0.325	2,466	
	854 Woodworking machine setters, operators, and tenders, except sawing		0.325	2,466	
483	Marine life cultivation workers	1,233			
	605 Miscellaneous agricultural workers		100.000	1,233	1
484	Nursery workers	37,736			
	425 Grounds maintenance workers		6.936	2,618	
	605 Miscellaneous agricultural workers		93.064	35,118	3
485	Supervisors, related agricultural occupations	65,607			
	020 Farm, ranch, and other agricultural managers		2.381	1,562	
	421 First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers		73.016	47,904	
	425 Grounds maintenance workers		2.381	1,562	
	600 First-line supervisors/managers of farming, fishing, and forestry workers		10.317	6,769	
	605 Miscellaneous agricultural workers		11.905	7,810	
486	Groundskeepers and gardeners, except farm	735,556			
	422 Janitors and building cleaners		1.747	12,848	
	425 Grounds maintenance workers		87.336	642,407	
	605 Miscellaneous agricultural workers		10.917	80,301	
487	Animal caretakers, except farm	107,205			
	365 Medical assistants and other healthcare support occupations		22.892	24,541	
	435 Nonfarm animal caretakers		73.494	78,789	
	605 Miscellaneous agricultural workers		3.614	3,875	
488	Graders and sorters, agricultural products	54,659			
	604 Graders and sorters, agricultural products		40.645	22,216	
	605 Miscellaneous agricultural workers		47.097	25,743	
	964 Packers and packagers, hand		12.258	6,700	
489	Inspectors, agricultural products	4,315			
	601 Agricultural inspectors		76.389	3,296	
	604 Graders and sorters, agricultural products		22.222	959	
	605 Miscellaneous agricultural workers		1.389	60	
494	Supervisors, forestry, and logging workers	12,068			
	600 First-line supervisors/managers of farming, fishing, and forestry workers		80.519	9,717	
	613 Logging workers		19.481	2,351	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
495	Forestry workers, except logging	20,431			
	021 Farmers and ranchers		0.658	134	
	196 Other life, physical, and social science technicians		27.632	5,645	
	612 Forest and conservation workers		71.711	14,651	
496	Timber cutting and logging occupations	115,524			
	613 Logging workers		100.000	115,524	1
497	Captains and other officers, fishing vessels	6,341			
	610 Fishers and related fishing workers		75.862	4,810	
	931 Ship and boat captains and operators		24.138	1,531	
498	Fishers	52,152			
	020 Farm, ranch, and other agricultural managers		0.515	269	
	605 Miscellaneous agricultural workers		1.031	538	
	610 Fishers and related fishing workers		96.392	50,270	2
	930 Sailors and marine oilers		1.546	806	
	952 Dredge, excavating, and loading machine operators		0.515	269	
499	Hunters and trappers	2,099			
	610 Fishers and related fishing workers		8.197	172	
	611 Hunters and trappers		91.803	1,927	3
503	Supervisors, mechanics and repairers	270,582			
	700 First-line supervisors/managers of mechanics, installers, and repairers		99.310	268,716	2
	770 First-line supervisors/managers of production and operating workers		0.690	1,866	
505	Automobile mechanics	954,623			
	711 Electronic equipment installers and repairers, motor vehicles		1.156	11,036	
	720 Automotive service technicians and mechanics		98.266	938,069	2
	721 Bus and truck mechanics and diesel engine specialists		0.578	5,518	
506	Automobile mechanic apprentices	1,591			
	720 Automotive service technicians and mechanics		100.000	1,591	1
507	Bus, truck, and stationary engine mechanics	266,142			
	721 Bus and truck mechanics and diesel engine specialists		96.450	256,693	2
	722 Heavy vehicle and mobile equipment service technicians and mechanics		3.550	9,449	
508	Aircraft engine mechanics	134,672			
	714 Aircraft mechanics and service technicians		100.000	134,672	1
509	Small engine repairers	62,022			
	724 Small engine mechanics		100.000	62,022	1
514	Automobile body and related repairers	228,710			
	715 Automotive body and related repairers		92.661	211,924	3
	716 Automotive glass installers and repairers		7.339	16,786	
515	Aircraft mechanics, exc. engine	31,814			
	714 Aircraft mechanics and service technicians		100.000	31,814	1
516	Heavy equipment mechanics	157,495			
	722 Heavy vehicle and mobile equipment service technicians and mechanics		100.000	157,495	1
517	Farm equipment mechanics	28,609			
	722 Heavy vehicle and mobile equipment service technicians and mechanics		100.000	28,609	1

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
518	Industrial machinery repairers	332,779			
	733 Industrial and refractory machinery mechanics		97.297	323,785	2
	736 Millwrights		1.351	4,497	
	841 Textile knitting and weaving machine setters, operators, and tenders		1.351	4,497	
519	Machinery maintenance occupations	25,273			
	735 Maintenance workers, machinery		100.000	25,273	1
523	Electronic repairers, communications and industrial equipment	179,229			
	290 Broadcast and sound engineering technicians and radio operators		6.289	11,272	
	635 Electricians		2.516	4,509	
	701 Computer, automated teller, and office machine repairers		2.516	4,509	
	702 Radio and telecommunications equipment installers and repairers		42.767	76,651	
	703 Avionics technicians		6.289	11,272	
	710 Electrical and electronics repairers, industrial and utility		4.403	7,891	
	711 Electronic equipment installers and repairers, motor vehicles		1.258	2,254	
	712 Electronic home entertainment equipment installers and repairers		14.465	25,926	
	713 Security and fire alarm systems installers		0.629	1,127	
	742 Telecommunications line installers and repairers		18.868	33,817	
525	Data processing equipment repairers	91,657			
	701 Computer, automated teller, and office machine repairers		100.000	91,657	1
526	Household appliance and power tool repairers	53,125			
	635 Electricians		1.099	584	
	704 Electric motor, power tool, and related repairers		6.593	3,503	
	731 Heating, air conditioning, and refrigeration mechanics and installers		1.099	584	
	732 Home appliance repairers		91.209	48,455	3
527	Telephone line installers and repairers	50,633			
	741 Electrical power-line installers and repairers		3.448	1,746	
	742 Telecommunications line installers and repairers		96.552	48,887	2
529	Telephone installers and repairers	190,927			
	702 Radio and telecommunications equipment installers and repairers		79.137	151,093	
	742 Telecommunications line installers and repairers		20.863	39,834	
533	Miscellaneous electrical and electronic equipment repairers	69,954			
	703 Avionics technicians		15.278	10,687	
	704 Electric motor, power tool, and related repairers		40.278	28,176	
	705 Electrical and electronics installers and repairers, transportation equipment		4.167	2,915	
	710 Electrical and electronics repairers, industrial and utility		4.167	2,915	
	711 Electronic equipment installers and repairers, motor vehicles		31.944	22,346	
	743 Precision instrument and equipment repairers		1.389	972	
	762 Other installation, maintenance, and repair workers		2.778	1,943	
534	Heating, air conditioning, and refrigeration mechanics	192,983			
	731 Heating, air conditioning, and refrigeration mechanics and installers		100.000	192,983	1
535	Camera, watch, and musical instrument repairers	31,097			
	743 Precision instrument and equipment repairers		100.000	31,097	1
536	Locksmiths and safe repairers	27,137			



**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	754 Locksmiths and safe repairers		100.000	27,137	1
538	Office machine repairers	41,888			
	701 Computer, automated teller, and office machine repairers		100.000	41,888	1
539	Mechanical controls and valve repairers	20,408			
	730 Control and valve installers and repairers		100.000	20,408	1
543	Elevator installers and repairers	25,634			
	670 Elevator installers and repairers		100.000	25,634	1
544	Millwrights	96,140			
	736 Millwrights		100.000	96,140	1
547	Specified mechanics and repairers, n.e.c.	213,949			
	683 Explosives workers, ordnance handling experts, and blasters		0.461	986	
	702 Radio and telecommunications equipment installers and repairers		2.304	4,930	
	703 Avionics technicians		0.461	986	
	704 Electric motor, power tool, and related repairers		0.461	986	
	712 Electronic home entertainment equipment installers and repairers		2.304	4,930	
	715 Automotive body and related repairers		0.461	986	
	726 Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers		3.226	6,902	
	730 Control and valve installers and repairers		1.843	3,944	
	732 Home appliance repairers		1.382	2,958	
	733 Industrial and refractory machinery mechanics		8.756	18,733	
	734 Maintenance and repair workers, general		11.521	24,649	
	735 Maintenance workers, machinery		0.922	1,972	
	743 Precision instrument and equipment repairers		7.834	16,761	
	751 Coin, vending, and amusement machine servicers and repairers		6.452	13,803	
	755 Manufactured building and mobile home installers		5.069	10,845	
	756 Riggers		3.226	6,902	
	762 Other installation, maintenance, and repair workers		32.258	69,016	
	775 Miscellaneous assemblers and fabricators		3.687	7,888	
	813 Tool and die makers		0.461	986	
	821 Tool grinders, filers, and sharpeners		0.461	986	
	823 Bookbinders and bindery workers		2.304	4,930	
	833 Shoe and leather workers and repairers		0.922	1,972	
	851 Furniture finishers		0.922	1,972	
	876 Medical, dental, and ophthalmic laboratory technicians		0.461	986	
	962 Laborers and freight, stock, and material movers, hand		1.843	3,944	
549	Not specified mechanics and repairers	492,093			
	734 Maintenance and repair workers, general		66.667	328,062	
	735 Maintenance workers, machinery		1.754	8,633	
	762 Other installation, maintenance, and repair workers		31.579	155,398	
553	Supervisors; brickmasons, stonemasons, and tile setters	12,968			
	620 First-line supervisors/managers of construction trades and extraction workers		100.000	12,968	1
554	Supervisors, carpenters and related workers	45,625			
	620 First-line supervisors/managers of construction trades and extraction workers		96.667	44,104	2

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	770 First-line supervisors/managers of production and operating workers		1.667	760	
	900 Supervisors, transportation and material moving workers		1.667	760	
555	Supervisors, electricians and power transmission installers	73,556			
	620 First-line supervisors/managers of construction trades and extraction workers		91.262	67,129	3
	700 First-line supervisors/managers of mechanics, installers, and repairers		8.738	6,427	
556	Supervisors; painters, paperhangers, and plasterers	32,369			
	620 First-line supervisors/managers of construction trades and extraction workers		100.000	32,369	1
557	Supervisors; plumbers, pipefitters, and steamfitters	20,518			
	620 First-line supervisors/managers of construction trades and extraction workers		100.000	20,518	1
558	Supervisors, construction, n.e.c.	652,964			
	620 First-line supervisors/managers of construction trades and extraction workers		87.333	570,255	
	700 First-line supervisors/managers of mechanics, installers, and repairers		4.667	30,472	
	770 First-line supervisors/managers of production and operating workers		4.667	30,472	
	900 Supervisors, transportation and material moving workers		3.333	21,765	
563	Brickmasons and stonemasons	196,939			
	622 Brickmasons, blockmasons, and stonemasons		96.354	189,759	2
	624 Carpet, floor, and tile installers and finishers		3.646	7,180	
564	Brickmason and stonemason apprentices	727			
	622 Brickmasons, blockmasons, and stonemasons		100.000	727	1
565	Tile setters, hard and soft	55,642			
	624 Carpet, floor, and tile installers and finishers		100.000	55,642	1
566	Carpet installers	111,836			
	624 Carpet, floor, and tile installers and finishers		100.000	111,836	1
567	Carpenters	1,360,707			
	623 Carpenters		90.038	1,225,158	3
	624 Carpet, floor, and tile installers and finishers		2.299	31,281	
	633 Drywall installers, ceiling tile installers, and tapers		5.747	78,202	
	660 Helpers, construction trades		1.916	26,067	
569	Carpenter apprentices	4,853			
	623 Carpenters		100.000	4,853	1
573	Drywall installers	150,554			
	633 Drywall installers, ceiling tile installers, and tapers		100.000	150,554	1
575	Electricians	635,017			
	635 Electricians		96.316	611,622	2
	713 Security and fire alarm systems installers		3.684	23,395	
576	Electrician apprentices	15,572			
	635 Electricians		100.000	15,572	1
577	Electrical power installers and repairers	120,232			
	635 Electricians		14.286	17,176	
	700 First-line supervisors/managers of mechanics, installers, and repairers		5.357	6,441	
	741 Electrical power-line installers and repairers		69.643	83,733	
	742 Telecommunications line installers and repairers		4.464	5,368	
	760 Signal and track switch repairers		6.250	7,515	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories			1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories					
579	Painters, construction and maintenance		559,026			
	626	Construction laborers		0.803	4,490	
	642	Painters, construction and maintenance		93.574	523,105	3
	881	Painting workers		5.622	31,431	
583	Paperhangers		17,210			
	642	Painters, construction and maintenance		5.729	986	
	643	Paperhangers		94.271	16,224	3
584	Plasterers		43,109			
	646	Plasterers and stucco masons		100.000	43,109	1
585	Plumbers, pipefitters, and steamfitters		488,858			
	644	Pipelayers, plumbers, pipefitters, and steamfitters		100.000	488,858	1
587	Plumber, pipefitter, and steamfitter apprentices		6,579			
	644	Pipelayers, plumbers, pipefitters, and steamfitters		100.000	6,579	1
588	Concrete and terrazzo finishers		75,945			
	625	Cement masons, concrete finishers, and terrazzo workers		100.000	75,945	1
589	Glaziers		45,595			
	636	Glaziers		100.000	45,595	1
593	Insulation workers		74,412			
	640	Insulation workers		61.143	45,498	
	672	Hazardous materials removal workers		38.857	28,914	
594	Paving, surfacing, and tamping equipment operators		13,110			
	630	Paving, surfacing, and tamping equipment operators		94.872	12,438	3
	632	Operating engineers and other construction equipment operators		1.282	168	
	673	Highway maintenance workers		3.846	504	
595	Roofers		197,183			
	651	Roofers		100.000	197,183	1
596	Sheetmetal duct installers		29,962			
	652	Sheet metal workers		100.000	29,962	1
597	Structural metal workers		75,338			
	650	Reinforcing iron and rebar workers		14.516	10,936	
	653	Structural iron and steel workers		78.226	58,934	
	774	Structural metal fabricators and fitters		4.032	3,038	
	816	Lay-out workers, metal and plastic		3.226	2,430	
598	Drillers, earth		20,491			
	682	Earth drillers, except oil and gas		100.000	20,491	1
599	Construction trades, n.e.c.		181,103			
	425	Grounds maintenance workers		0.699	1,266	
	623	Carpenters		0.699	1,266	
	624	Carpet, floor, and tile installers and finishers		1.399	2,533	
	625	Cement masons, concrete finishers, and terrazzo workers		1.399	2,533	
	626	Construction laborers		6.993	12,665	
	631	Pile-driver operators		2.797	5,066	
	632	Operating engineers and other construction equipment operators		0.699	1,266	

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Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	644 Pipelayers, plumbers, pipefitters, and steamfitters		16.084	29,128	
	650 Reinforcing iron and rebar workers		2.098	3,799	
	653 Structural iron and steel workers		7.692	13,931	
	660 Helpers, construction trades		2.797	5,066	
	671 Fence erectors		13.986	25,329	
	673 Highway maintenance workers		20.280	36,727	
	674 Rail-track laying and maintenance equipment operators		1.399	2,533	
	676 Miscellaneous construction and related workers		14.685	26,596	
	712 Electronic home entertainment equipment installers and repairers		1.399	2,533	
	756 Riggers		3.497	6,332	
	896 Production workers, all other		1.399	2,533	
613	Supervisors, extractive occupations	49,319			
	620 First-line supervisors/managers of construction trades and extraction workers		95.890	47,292	2
	900 Supervisors, transportation and material moving workers		4.110	2,027	
614	Drillers, oil well	37,072			
	680 Derrick, rotary drill, and service unit operators, oil, gas, and mining		37.956	14,071	
	692 Roustabouts, oil and gas		40.876	15,154	
	693 Helpers--extraction workers		16.058	5,953	
	694 Other extraction workers		5.109	1,894	
615	Explosives workers	9,377			
	683 Explosives workers, ordnance handling experts, and blasters		89.691	8,410	
	896 Production workers, all other		10.309	967	
616	Mining machine operators	62,318			
	682 Earth drillers, except oil and gas		5.926	3,693	
	684 Mining machine operators		88.148	54,932	
	691 Roof bolters, mining		5.185	3,231	
	694 Other extraction workers		0.741	462	
617	Mining occupations, n.e.c.	34,776			
	684 Mining machine operators		21.239	7,386	
	691 Roof bolters, mining		12.389	4,309	
	692 Roustabouts, oil and gas		0.885	308	
	694 Other extraction workers		51.327	17,850	
	961 Cleaners of vehicles and equipment		14.159	4,924	
628	Supervisors, production occupations	1,299,637			
	500 First-line supervisors/managers of office and administrative support workers		15.217	197,771	
	620 First-line supervisors/managers of construction trades and extraction workers		2.826	36,729	
	700 First-line supervisors/managers of mechanics, installers, and repairers		2.826	36,729	
	770 First-line supervisors/managers of production and operating workers		69.348	901,270	
	836 Textile bleaching and dyeing machine operators and tenders		0.217	2,825	
	900 Supervisors, transportation and material moving workers		9.348	121,488	
	931 Ship and boat captains and operators		0.217	2,825	
634	Tool and die makers	142,814			
	813 Tool and die makers		100.000	142,814	1

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
635	Tool and die maker apprentices	2,376			
	813 Tool and die makers		100.000	2,376	1
636	Precision assemblers, metal	40,959			
	771 Aircraft structure, surfaces, rigging, and systems assemblers		26.957	11,041	
	773 Engine and other machine assemblers		46.957	19,233	
	775 Miscellaneous assemblers and fabricators		26.087	10,685	
637	Machinists	569,081			
	803 Machinists		98.985	563,304	2
	850 Cabinetmakers and bench carpenters		1.015	5,777	
639	Machinist apprentices	1,543			
	803 Machinists		100.000	1,543	1
643	Boilermakers	24,293			
	621 Boilermakers		100.000	24,293	1
644	Precision grinders, filers, and tool sharpeners	23,069			
	821 Tool grinders, filers, and sharpeners		100.000	23,069	1
645	Patternmakers and model makers, metal	5,442			
	806 Model makers and patternmakers, metal and plastic		98.750	5,374	2
	874 Inspectors, testers, sorters, samplers, and weighers		1.250	68	
646	Lay-out workers	16,987			
	774 Structural metal fabricators and fitters		1.053	179	
	816 Lay-out workers, metal and plastic		95.789	16,272	2
	855 Woodworkers, all other		1.053	179	
	896 Production workers, all other		2.105	358	
647	Precious stones and metals workers (Jewelers)	61,830			
	743 Precision instrument and equipment repairers		0.752	465	
	875 Jewelers and precious stone and metal workers		99.248	61,365	2
649	Engravers, metal	17,158			
	891 Etchers and engravers		100.000	17,158	1
653	Sheet metal workers	143,491			
	652 Sheet metal workers		100.000	143,491	1
654	Sheet metal worker apprentices	951			
	652 Sheet metal workers		100.000	951	1
655	Miscellaneous precision metal workers	2,380			
	774 Structural metal fabricators and fitters		1.333	32	
	775 Miscellaneous assemblers and fabricators		24.000	571	
	800 Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic		32.000	762	
	803 Machinists		2.667	63	
	810 Molders and molding machine setters, operators, and tenders, metal and plastic		10.667	254	
	821 Tool grinders, filers, and sharpeners		28.000	666	
	891 Etchers and engravers		1.333	32	
656	Patternmakers and model makers, wood	3,299			
	852 Model makers and patternmakers, wood		87.013	2,871	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	855 Woodworkers, all other		6.494	214	
	892 Molders, shapers, and casters, except metal and plastic		6.494	214	
657	Cabinet makers and bench carpenters	71,871			
	850 Cabinetmakers and bench carpenters		100.000	71,871	1
658	Furniture and wood finishers	33,431			
	851 Furniture finishers		100.000	33,431	1
659	Miscellaneous precision woodworkers	2,058			
	854 Woodworking machine setters, operators, and tenders, except sawing		25.000	515	
	855 Woodworkers, all other		75.000	1,544	
666	Dressmakers	97,258			
	835 Tailors, dressmakers, and sewers		100.000	97,258	1
667	Tailors	56,807			
	835 Tailors, dressmakers, and sewers		100.000	56,807	1
668	Upholsterers	73,938			
	845 Upholsterers		100.000	73,938	1
669	Shoe repairers	28,028			
	833 Shoe and leather workers and repairers		100.000	28,028	1
674	Miscellaneous precision apparel and fabric workers	16,489			
	835 Tailors, dressmakers, and sewers		2.667	440	
	840 Textile cutting machine setters, operators, and tenders		2.667	440	
	844 Fabric and apparel patternmakers		14.667	2,418	
	846 Textile, apparel, and furnishings workers, all other		80.000	13,191	
675	Hand molders and shapers, except jewelers	20,057			
	810 Molders and molding machine setters, operators, and tenders, metal and plastic		11.207	2,248	
	892 Molders, shapers, and casters, except metal and plastic		88.793	17,809	
676	Patternmakers, lay-out workers, and cutters	22,890			
	636 Glaziers		4.286	981	
	775 Miscellaneous assemblers and fabricators		0.714	164	
	806 Model makers and patternmakers, metal and plastic		56.429	12,917	
	844 Fabric and apparel patternmakers		36.429	8,339	
	871 Cutting workers		0.714	164	
	892 Molders, shapers, and casters, except metal and plastic		1.429	327	
677	Optical goods workers	74,907			
	352 Opticians, dispensing		70.690	52,952	
	874 Inspectors, testers, sorters, samplers, and weighers		0.575	431	
	876 Medical, dental, and ophthalmic laboratory technicians		28.736	21,525	
678	Dental laboratory and medical appliance technicians	56,964			
	876 Medical, dental, and ophthalmic laboratory technicians		100.000	56,964	1
679	Bookbinders	29,933			
	823 Bookbinders and bindery workers		100.000	29,933	1
683	Electrical and electronic equipment assemblers	309,406			
	772 Electrical, electronics, and electromechanical assemblers		92.857	287,306	3
	773 Engine and other machine assemblers		1.905	5,893	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	775 Miscellaneous assemblers and fabricators		5.238	16,207	
684	Miscellaneous precision workers, n.e.c.	54,214			
	775 Miscellaneous assemblers and fabricators		9.615	5,213	
	812 Multiple machine tool setters, operators, and tenders, metal and plastic		2.885	1,564	
	822 Metalworkers and plastic workers, all other		77.885	42,224	
	865 Crushing, grinding, polishing, mixing, and blending workers		2.885	1,564	
	876 Medical, dental, and ophthalmic laboratory technicians		3.846	2,085	
	883 Photographic process workers and processing machine operators		2.885	1,564	
686	Butchers and meat cutters	278,902			
	781 Butchers and other meat, poultry, and fish processing workers		99.485	277,464	2
	964 Packers and packagers, hand		0.515	1,438	
687	Bakers	159,172			
	780 Bakers		100.000	159,172	1
688	Food batchmakers	53,838			
	784 Food batchmakers		100.000	53,838	1
689	Inspectors, testers, and graders	131,905			
	054 Claims adjusters, appraisers, examiners, and investigators		0.581	767	
	666 Construction and building inspectors		3.488	4,601	
	874 Inspectors, testers, sorters, samplers, and weighers		77.326	101,996	
	941 Transportation inspectors		18.605	24,540	
693	Adjusters and calibrators	8,750			
	056 Compliance officers, except agriculture, construction, health and safety, and transportation		2.899	254	
	743 Precision instrument and equipment repairers		10.145	888	
	772 Electrical, electronics, and electromechanical assemblers		4.348	380	
	775 Miscellaneous assemblers and fabricators		63.043	5,516	
	874 Inspectors, testers, sorters, samplers, and weighers		19.565	1,712	
694	Water and sewage treatment plant operators	61,269			
	860 Power plant operators, distributors, and dispatchers		3.030	1,857	
	862 Water and liquid waste treatment plant and system operators		91.667	56,163	3
	863 Miscellaneous plant and system operators		5.303	3,249	
695	Power plant operators	37,012			
	860 Power plant operators, distributors, and dispatchers		100.000	37,012	1
696	Stationary engineers	161,241			
	733 Industrial and refractory machinery mechanics		2.353	3,794	
	822 Metalworkers and plastic workers, all other		1.176	1,897	
	860 Power plant operators, distributors, and dispatchers		8.235	13,279	
	861 Stationary engineers and boiler operators		83.529	134,684	
	965 Pumping station operators		4.706	7,588	
699	Miscellaneous plant and system operators	53,622			
	863 Miscellaneous plant and system operators		97.403	52,229	2
	874 Inspectors, testers, sorters, samplers, and weighers		1.299	696	
	965 Pumping station operators		1.299	696	
703	Lathe and turning machine set-up operators	29,460			

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	801 Lathe and turning machine tool setters, operators, and tenders, metal and plastic		7.143	2,104	
	822 Metalworkers and plastic workers, all other		92.857	27,356	3
704	Lathe and turning machine operators	36,530			
	801 Lathe and turning machine tool setters, operators, and tenders, metal and plastic		100.000	36,530	1
705	Milling and planing machine operators	6,789			
	802 Milling and planing machine setters, operators, and tenders, metal and plastic		100.000	6,789	1
706	Punching and stamping press machine operators	110,466			
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		97.688	107,912	2
	871 Cutting workers		2.312	2,554	
707	Rolling machine operators	13,743			
	794 Rolling machine setters, operators, and tenders, metal and plastic		94.366	12,969	3
	801 Lathe and turning machine tool setters, operators, and tenders, metal and plastic		1.408	194	
	872 Extruding, forming, pressing, and compacting machine setters, operators, and tenders		4.225	581	
708	Drilling and boring machine operators	21,576			
	796 Drilling and boring machine tool setters, operators, and tenders, metal and plastic		100.000	21,576	1
709	Grinding, abrading, buffing, and polishing machine operators	125,458			
	800 Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic		75.936	95,268	
	854 Woodworking machine setters, operators, and tenders, except sawing		1.070	1,342	
	865 Crushing, grinding, polishing, mixing, and blending workers		21.390	26,836	
	876 Medical, dental, and ophthalmic laboratory technicians		1.604	2,013	
713	Forging machine operators	17,046			
	793 Forging machine setters, operators, and tenders, metal and plastic		95.082	16,208	2
	896 Production workers, all other		4.918	838	
714	Numerical control machine operators	1,636			
	790 Computer control programmers and operators		100.000	1,636	1
715	Miscellaneous metal, plastic, stone, and glass working machine operators	25,328			
	754 Locksmiths and safe repairers		7.895	2,000	
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		17.763	4,499	
	801 Lathe and turning machine tool setters, operators, and tenders, metal and plastic		6.579	1,666	
	822 Metalworkers and plastic workers, all other		63.816	16,163	
	896 Production workers, all other		3.947	1,000	
717	Fabricating machine operators, n.e.c.	26,662			
	772 Electrical, electronics, and electromechanical assemblers		5.970	1,592	
	793 Forging machine setters, operators, and tenders, metal and plastic		2.239	597	
	794 Rolling machine setters, operators, and tenders, metal and plastic		5.224	1,393	
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		7.463	1,990	
	822 Metalworkers and plastic workers, all other		76.119	20,295	
	823 Bookbinders and bindery workers		0.746	199	
	874 Inspectors, testers, sorters, samplers, and weighers		0.746	199	
	896 Production workers, all other		1.493	398	
719	Molding and casting machine operators	89,468			
	792 Extruding and drawing machine setters, operators, and tenders, metal and plastic		5.682	5,083	



**Table 2. 1990 Census Occupation Classification System and Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	810 Molders and molding machine setters, operators, and tenders, metal and plastic		81.250	72,693	
	872 Extruding, forming, pressing, and compacting machine setters, operators, and tenders		2.273	2,033	
	892 Molders, shapers, and casters, except metal and plastic		10.795	9,658	
723	Metal plating machine operators	35,397			
	820 Plating and coating machine setters, operators, and tenders, metal and plastic		100.000	35,397	1
724	Heat treating equipment operators	18,543			
	804 Metal furnace and kiln operators and tenders		1.818	337	
	815 Heat treating equipment setters, operators, and tenders, metal and plastic		98.182	18,206	2
725	Miscellaneous metal and plastic processing machine operators	18,959			
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		39.568	7,502	
	822 Metalworkers and plastic workers, all other		0.719	136	
	865 Crushing, grinding, polishing, mixing, and blending workers		44.604	8,457	
	881 Painting workers		4.317	818	
	886 Cleaning, washing, and metal pickling equipment operators and tenders		10.791	2,046	
726	Wood lathe, routing, and planing machine operators	8,211			
	854 Woodworking machine setters, operators, and tenders, except sawing		100.000	8,211	1
727	Sawing machine operators	94,905			
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		4.255	4,039	
	853 Sawing machine setters, operators, and tenders, wood		87.943	83,463	
	896 Production workers, all other		7.801	7,404	
728	Shaping and joining machine operators	6,044			
	854 Woodworking machine setters, operators, and tenders, except sawing		98.958	5,981	2
	885 Cementing and gluing machine operators and tenders		1.042	63	
729	Nailing and tacking machine operators	3,219			
	854 Woodworking machine setters, operators, and tenders, except sawing		100.000	3,219	1
733	Miscellaneous woodworking machine operators	43,258			
	775 Miscellaneous assemblers and fabricators		2.521	1,091	
	854 Woodworking machine setters, operators, and tenders, except sawing		33.613	14,541	
	855 Woodworkers, all other		57.143	24,719	
	885 Cementing and gluing machine operators and tenders		6.723	2,908	
734	Printing press operators	359,781			
	824 Job printers		23.729	85,372	
	825 Prepress technicians and workers		4.661	16,769	
	826 Printing machine operators		71.610	257,640	
735	Photoengravers and lithographers	49,106			
	825 Prepress technicians and workers		100.000	49,106	1
736	Typesetters and compositors	72,353			
	825 Prepress technicians and workers		100.000	72,353	1
737	Miscellaneous printing machine operators	50,905			
	823 Bookbinders and bindery workers		58.382	29,719	
	825 Prepress technicians and workers		13.295	6,768	
	826 Printing machine operators		28.324	14,418	
738	Winding and twisting machine operators	70,620			

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1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	842 Textile winding, twisting, and drawing out machine setters, operators, and tenders		87.417	61,734	
	843 Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers		1.325	935	
	893 Paper goods machine setters, operators, and tenders		3.311	2,338	
	896 Production workers, all other		7.947	5,612	
739	Knitting, looping, taping, and weaving machine operators	60,223			
	841 Textile knitting and weaving machine setters, operators, and tenders		100.000	60,223	1
743	Textile cutting machine operators	7,839			
	840 Textile cutting machine setters, operators, and tenders		75.000	5,879	
	871 Cutting workers		25.000	1,960	
744	Textile sewing machine operators	783,799			
	832 Sewing machine operators		100.000	783,799	1
745	Shoe machine operators	34,244			
	834 Shoe machine operators and tenders		100.000	34,244	1
747	Pressing machine operators	148,411			
	831 Pressers, textile, garment, and related materials		100.000	148,411	1
748	Laundering and dry cleaning machine operators	219,097			
	830 Laundry and dry-cleaning workers		99.398	217,777	2
	836 Textile bleaching and dyeing machine operators and tenders		0.602	1,320	
749	Miscellaneous textile machine operators	93,339			
	825 Prepress technicians and workers		0.820	765	
	826 Printing machine operators		1.639	1,530	
	836 Textile bleaching and dyeing machine operators and tenders		0.820	765	
	840 Textile cutting machine setters, operators, and tenders		1.639	1,530	
	841 Textile knitting and weaving machine setters, operators, and tenders		0.820	765	
	842 Textile winding, twisting, and drawing out machine setters, operators, and tenders		4.918	4,590	
	846 Textile, apparel, and furnishings workers, all other		77.869	72,682	
	854 Woodworking machine setters, operators, and tenders, except sawing		3.279	3,060	
	896 Production workers, all other		8.197	7,651	
753	Cementing and gluing machine operators	32,386			
	810 Molders and molding machine setters, operators, and tenders, metal and plastic		1.000	324	
	885 Cementing and gluing machine operators and tenders		99.000	32,062	2
754	Packaging and filling machine operators	281,245			
	880 Packaging and filling machine operators and tenders		98.086	275,862	2
	885 Cementing and gluing machine operators and tenders		1.914	5,383	
755	Extruding and forming machine operators	27,901			
	792 Extruding and drawing machine setters, operators, and tenders, metal and plastic		46.203	12,891	
	810 Molders and molding machine setters, operators, and tenders, metal and plastic		1.266	353	
	843 Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers		3.797	1,060	
	872 Extruding, forming, pressing, and compacting machine setters, operators, and tenders		46.835	13,068	
	892 Molders, shapers, and casters, except metal and plastic		1.899	530	
756	Mixing and blending machine operators	111,141			
	781 Butchers and other meat, poultry, and fish processing workers		2.239	2,488	
	784 Food batchmakers		19.403	21,565	

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1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	836 Textile bleaching and dyeing machine operators and tenders		9.701	10,782	
	865 Crushing, grinding, polishing, mixing, and blending workers		67.164	74,647	
	872 Extruding, forming, pressing, and compacting machine setters, operators, and tenders		1.493	1,659	
757	Separating, filtering, and clarifying machine operators	69,630			
	863 Miscellaneous plant and system operators		0.833	580	
	864 Chemical processing machine setters, operators, and tenders		99.167	69,050	2
758	Compressing and compacting machine operators	22,353			
	872 Extruding, forming, pressing, and compacting machine setters, operators, and tenders		97.938	21,892	2
	873 Furnace, kiln, oven, drier, and kettle operators and tenders		1.031	230	
	893 Paper goods machine setters, operators, and tenders		1.031	230	
759	Painting and paint spraying machine operators	136,177			
	636 Glaziers		4.040	5,502	
	715 Automotive body and related repairers		7.576	10,316	
	865 Crushing, grinding, polishing, mixing, and blending workers		1.010	1,376	
	881 Painting workers		87.374	118,983	
763	Roasting and baking machine operators, food	4,748			
	783 Food and tobacco roasting, baking, and drying machine operators and tenders		99.010	4,701	2
	785 Food cooking machine operators and tenders		0.990	47	
764	Washing, cleaning, and pickling machine operators	10,438			
	785 Food cooking machine operators and tenders		2.174	227	
	826 Printing machine operators		1.087	113	
	836 Textile bleaching and dyeing machine operators and tenders		4.348	454	
	886 Cleaning, washing, and metal pickling equipment operators and tenders		92.391	9,644	3
765	Folding machine operators	20,429			
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		1.563	319	
	831 Pressers, textile, garment, and related materials		3.906	798	
	893 Paper goods machine setters, operators, and tenders		85.938	17,556	
	896 Production workers, all other		8.594	1,756	
766	Furnace, kiln, and oven operators, exc. food	96,276			
	804 Metal furnace and kiln operators and tenders		51.351	49,439	
	810 Molders and molding machine setters, operators, and tenders, metal and plastic		1.802	1,735	
	846 Textile, apparel, and furnishings workers, all other		0.901	867	
	861 Stationary engineers and boiler operators		13.514	13,010	
	864 Chemical processing machine setters, operators, and tenders		1.802	1,735	
	873 Furnace, kiln, oven, drier, and kettle operators and tenders		29.730	28,623	
	874 Inspectors, testers, sorters, samplers, and weighers		0.901	867	
768	Crushing and grinding machine operators	45,207			
	800 Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic		10.870	4,914	
	864 Chemical processing machine setters, operators, and tenders		1.087	491	
	865 Crushing, grinding, polishing, mixing, and blending workers		88.043	39,802	
769	Slicing and cutting machine operators	187,949			
	613 Logging workers		0.365	686	

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1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	781 Butchers and other meat, poultry, and fish processing workers		2.190	4,116	
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		10.219	19,206	
	840 Textile cutting machine setters, operators, and tenders		20.073	37,727	
	845 Upholsterers		0.365	686	
	853 Sawing machine setters, operators, and tenders, wood		4.380	8,231	
	854 Woodworking machine setters, operators, and tenders, except sawing		2.920	5,488	
	855 Woodworkers, all other		4.745	8,917	
	864 Chemical processing machine setters, operators, and tenders		1.460	2,744	
	871 Cutting workers		51.460	96,718	
	874 Inspectors, testers, sorters, samplers, and weighers		1.460	2,744	
	963 Machine feeders and offbearers		0.365	686	
773	Motion picture projectionists	10,357			
	441 Motion picture projectionists		100.000	10,357	1
774	Photographic process machine operators	101,939			
	290 Broadcast and sound engineering technicians and radio operators		0.629	641	
	291 Photographers		6.918	7,052	
	590 Office machine operators, except computer		5.031	5,129	
	825 Prepress technicians and workers		15.094	15,387	
	883 Photographic process workers and processing machine operators		70.440	71,806	
	896 Production workers, all other		1.887	1,923	
777	Miscellaneous machine operators, n.e.c.	611,270			
	772 Electrical, electronics, and electromechanical assemblers		0.876	5,354	
	780 Bakers		0.292	1,785	
	783 Food and tobacco roasting, baking, and drying machine operators and tenders		0.438	2,677	
	784 Food batchmakers		0.292	1,785	
	785 Food cooking machine operators and tenders		0.438	2,677	
	792 Extruding and drawing machine setters, operators, and tenders, metal and plastic		0.292	1,785	
	793 Forging machine setters, operators, and tenders, metal and plastic		0.292	1,785	
	795 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic		0.584	3,569	
	812 Multiple machine tool setters, operators, and tenders, metal and plastic		0.146	892	
	820 Plating and coating machine setters, operators, and tenders, metal and plastic		0.292	1,785	
	822 Metalworkers and plastic workers, all other		27.153	165,980	
	826 Printing machine operators		0.730	4,462	
	834 Shoe machine operators and tenders		0.292	1,785	
	842 Textile winding, twisting, and drawing out machine setters, operators, and tenders		0.730	4,462	
	843 Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers		0.146	892	
	863 Miscellaneous plant and system operators		0.730	4,462	
	864 Chemical processing machine setters, operators, and tenders		0.876	5,354	
	865 Crushing, grinding, polishing, mixing, and blending workers		1.022	6,247	
	871 Cutting workers		0.730	4,462	
	872 Extruding, forming, pressing, and compacting machine setters, operators, and tenders		1.460	8,924	
	873 Furnace, kiln, oven, drier, and kettle operators and tenders		0.584	3,569	
	876 Medical, dental, and ophthalmic laboratory technicians		0.146	892	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	880 Packaging and filling machine operators and tenders		1.022	6,247	
	881 Painting workers		0.292	1,785	
	884 Semiconductor processors		0.438	2,677	
	886 Cleaning, washing, and metal pickling equipment operators and tenders		0.438	2,677	
	890 Cooling and freezing equipment operators and tenders		0.730	4,462	
	891 Etchers and engravers		0.292	1,785	
	892 Molders, shapers, and casters, except metal and plastic		0.584	3,569	
	893 Paper goods machine setters, operators, and tenders		2.044	12,493	
	894 Tire builders		1.752	10,708	
	896 Production workers, all other		53.431	326,606	
	963 Machine feeders and offbearers		0.438	2,677	
779	Machine operators, not specified	956,865			
	676 Miscellaneous construction and related workers		0.508	4,857	
	762 Other installation, maintenance, and repair workers		1.015	9,714	
	774 Structural metal fabricators and fitters		1.523	14,572	
	780 Bakers		0.508	4,857	
	783 Food and tobacco roasting, baking, and drying machine operators and tenders		0.508	4,857	
	804 Metal furnace and kiln operators and tenders		0.508	4,857	
	822 Metalworkers and plastic workers, all other		14.213	136,001	
	825 Prepress technicians and workers		0.508	4,857	
	833 Shoe and leather workers and repairers		1.015	9,714	
	846 Textile, apparel, and furnishings workers, all other		1.015	9,714	
	872 Extruding, forming, pressing, and compacting machine setters, operators, and tenders		3.046	29,143	
	880 Packaging and filling machine operators and tenders		2.538	24,286	
	886 Cleaning, washing, and metal pickling equipment operators and tenders		1.523	14,572	
	893 Paper goods machine setters, operators, and tenders		1.015	9,714	
	895 Helpers--production workers		0.508	4,857	
	896 Production workers, all other		66.497	636,291	
	942 Other transportation workers		0.508	4,857	
	963 Machine feeders and offbearers		3.046	29,143	
783	Welders and cutters	643,978			
	814 Welding, soldering, and brazing workers		99.519	640,882	2
	896 Production workers, all other		0.481	3,096	
784	Solderers and brazers	28,237			
	814 Welding, soldering, and brazing workers		100.000	28,237	1
785	Assemblers	1,573,979			
	676 Miscellaneous construction and related workers		0.302	4,748	
	703 Avionics technicians		0.151	2,374	
	711 Electronic equipment installers and repairers, motor vehicles		0.151	2,374	
	715 Automotive body and related repairers		0.302	4,748	
	716 Automotive glass installers and repairers		0.151	2,374	
	762 Other installation, maintenance, and repair workers		0.754	11,870	
	771 Aircraft structure, surfaces, rigging, and systems assemblers		3.167	49,855	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	772 Electrical, electronics, and electromechanical assemblers		7.843	123,449	
	773 Engine and other machine assemblers		2.715	42,732	
	774 Structural metal fabricators and fitters		0.603	9,496	
	775 Miscellaneous assemblers and fabricators		70.739	1,113,418	
	822 Metalworkers and plastic workers, all other		1.056	16,618	
	833 Shoe and leather workers and repairers		0.151	2,374	
	845 Upholsterers		0.302	4,748	
	846 Textile, apparel, and furnishings workers, all other		0.302	4,748	
	874 Inspectors, testers, sorters, samplers, and weighers		1.207	18,992	
	875 Jewelers and precious stone and metal workers		0.151	2,374	
	880 Packaging and filling machine operators and tenders		1.056	16,618	
	893 Paper goods machine setters, operators, and tenders		0.905	14,244	
	896 Production workers, all other		7.994	125,823	
786	Hand cutting and trimming occupations	16,505			
	781 Butchers and other meat, poultry, and fish processing workers		51.111	8,436	
	871 Cutting workers		48.889	8,069	
787	Hand molding, casting, and forming occupations	26,409			
	810 Molders and molding machine setters, operators, and tenders, metal and plastic		28.713	7,583	
	892 Molders, shapers, and casters, except metal and plastic		71.287	18,826	
789	Hand painting, coating, and decorating occupations	45,058			
	784 Food batchmakers		1.667	751	
	871 Cutting workers		0.833	375	
	881 Painting workers		97.500	43,932	2
793	Hand engraving and printing occupations	14,854			
	826 Printing machine operators		38.667	5,744	
	891 Etchers and engravers		61.333	9,110	
795	Miscellaneous hand working occupations	43,633			
	762 Other installation, maintenance, and repair workers		1.739	759	
	775 Miscellaneous assemblers and fabricators		10.435	4,553	
	785 Food cooking machine operators and tenders		6.957	3,035	
	831 Pressers, textile, garment, and related materials		6.957	3,035	
	835 Tailors, dressmakers, and sewers		3.478	1,518	
	846 Textile, apparel, and furnishings workers, all other		1.739	759	
	854 Woodworking machine setters, operators, and tenders, except sawing		8.696	3,794	
	865 Crushing, grinding, polishing, mixing, and blending workers		11.304	4,932	
	871 Cutting workers		4.348	1,897	
	894 Tire builders		4.348	1,897	
	896 Production workers, all other		40.000	17,453	
796	Production inspectors, checkers, and examiners	625,008			
	604 Graders and sorters, agricultural products		3.311	20,696	
	726 Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers		0.331	2,070	
	874 Inspectors, testers, sorters, samplers, and weighers		94.702	591,895	3
	941 Transportation inspectors		1.656	10,348	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
797	Production testers	60,144			
	874 Inspectors, testers, sorters, samplers, and weighers		99.225	59,678	2
	941 Transportation inspectors		0.775	466	
798	Production samplers and weighers	10,790			
	604 Graders and sorters, agricultural products		2.062	222	
	874 Inspectors, testers, sorters, samplers, and weighers		97.938	10,568	2
799	Graders and sorters, exc. agricultural	138,183			
	604 Graders and sorters, agricultural products		13.450	18,586	
	874 Inspectors, testers, sorters, samplers, and weighers		57.895	80,001	
	875 Jewelers and precious stone and metal workers		0.585	808	
	964 Packers and packagers, hand		28.070	38,788	
803	Supervisors, motor vehicle operators	80,351			
	700 First-line supervisors/managers of mechanics, installers, and repairers		3.604	2,896	
	900 Supervisors, transportation and material moving workers		96.396	77,455	2
804	Truck drivers	2,908,952			
	605 Miscellaneous agricultural workers		0.830	24,141	
	613 Logging workers		0.415	12,070	
	913 Driver/sales workers and truck drivers		95.021	2,764,108	2
	914 Taxi drivers and chauffeurs		3.734	108,633	
806	Driver-sales workers	143,353			
	751 Coin, vending, and amusement machine servicers and repairers		36.913	52,916	
	913 Driver/sales workers and truck drivers		63.087	90,437	
808	Bus drivers	447,570			
	912 Bus drivers		96.552	432,137	2
	914 Taxi drivers and chauffeurs		3.448	15,433	
809	Taxicab drivers and chauffeurs	207,333			
	911 Ambulance drivers and attendants, except emergency medical technicians		4.698	9,740	
	912 Bus drivers		2.685	5,566	
	914 Taxi drivers and chauffeurs		90.604	187,852	3
	915 Motor vehicle operators, all other		2.013	4,174	
813	Parking lot attendants	46,559			
	935 Parking lot attendants		100.000	46,559	1
814	Motor transportation occupations, n.e.c.	3,789			
	915 Motor vehicle operators, all other		100.000	3,789	1
823	Railroad conductors and yardmasters	37,573			
	924 Railroad conductors and yardmasters		100.000	37,573	1
824	Locomotive operating occupations	45,966			
	920 Locomotive engineers and operators		98.052	45,071	2
	926 Subway, streetcar, and other rail transportation workers		1.948	895	
825	Railroad brake, signal, and switch operators	33,259			
	923 Railroad brake, signal, and switch operators		100.000	33,259	1
826	Rail vehicle operators, n.e.c.	5,048			
	926 Subway, streetcar, and other rail transportation workers		100.000	5,048	1

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
828	Ship captains and mates, except fishing boats	32,997			
	931 Ship and boat captains and operators		100.000	32,997	1
829	Sailors and deckhands	25,945			
	930 Sailors and marine oilers		97.656	25,337	2
	952 Dredge, excavating, and loading machine operators		2.344	608	
833	Marine engineers	4,152			
	930 Sailors and marine oilers		18.750	779	
	933 Ship engineers		81.250	3,374	
834	Bridge, lock, and lighthouse tenders	6,167			
	934 Bridge and lock tenders		100.000	6,167	1
843	Supervisors, material moving equipment operators	23,803			
	900 Supervisors, transportation and material moving workers		100.000	23,803	1
844	Operating engineers	241,812			
	632 Operating engineers and other construction equipment operators		96.129	232,452	2
	952 Dredge, excavating, and loading machine operators		3.226	7,800	
	956 Hoist and winch operators		0.645	1,560	
845	Longshore equipment operators	4,403			
	951 Crane and tower operators		50.000	2,202	
	962 Laborers and freight, stock, and material movers, hand		12.500	550	
	975 Material moving workers, all other		37.500	1,651	
848	Hoist and winch operators	20,300			
	613 Logging workers		9.524	1,933	
	680 Derrick, rotary drill, and service unit operators, oil, gas, and mining		30.159	6,122	
	694 Other extraction workers		12.698	2,578	
	952 Dredge, excavating, and loading machine operators		0.794	161	
	956 Hoist and winch operators		46.825	9,506	
849	Crane and tower operators	81,825			
	951 Crane and tower operators		100.000	81,825	1
853	Excavating and loading machine operators	95,983			
	632 Operating engineers and other construction equipment operators		24.793	23,797	
	684 Mining machine operators		0.826	793	
	694 Other extraction workers		0.826	793	
	952 Dredge, excavating, and loading machine operators		73.554	70,599	
855	Grader, dozer, and scraper operators	64,880			
	630 Paving, surfacing, and tamping equipment operators		18.182	11,796	
	632 Operating engineers and other construction equipment operators		81.818	53,084	
856	Industrial truck and tractor equipment operators	441,859			
	613 Logging workers		0.595	2,630	
	632 Operating engineers and other construction equipment operators		1.786	7,890	
	960 Industrial truck and tractor operators		97.619	431,339	2
859	Miscellaneous material moving equipment operators	95,095			
	392 Security guards and gaming surveillance officers		0.943	897	
	672 Hazardous materials removal workers		2.830	2,691	



**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
	684 Mining machine operators		1.887	1,794	
	694 Other extraction workers		3.774	3,588	
	756 Riggers		0.943	897	
	896 Production workers, all other		2.830	2,691	
	950 Conveyor operators and tenders		8.491	8,074	
	956 Hoist and winch operators		0.943	897	
	962 Laborers and freight, stock, and material movers, hand		18.868	17,942	
	965 Pumping station operators		16.038	15,251	
	973 Shuttle car operators		6.604	6,280	
	974 Tank car, truck, and ship loaders		1.887	1,794	
	975 Material moving workers, all other		33.962	32,296	
864	Supervisors, handlers, equipment cleaners, and laborers, n.e.c.	15,668			
	900 Supervisors, transportation and material moving workers		100.000	15,668	1
865	Helpers, mechanics and repairers	21,871			
	660 Helpers, construction trades		1.205	264	
	761 Helpers--installation, maintenance, and repair workers		98.795	21,607	2
866	Helpers, construction trades	85,604			
	626 Construction laborers		3.788	3,243	
	660 Helpers, construction trades		93.939	80,416	3
	761 Helpers--installation, maintenance, and repair workers		1.515	1,297	
	975 Material moving workers, all other		0.758	649	
867	Helpers, surveyor	4,675			
	155 Engineering technicians, except drafters		0.962	45	
	156 Surveying and mapping technicians		88.462	4,136	
	660 Helpers, construction trades		10.577	494	
868	Helpers, extractive occupations	2,433			
	693 Helpers--extraction workers		100.000	2,433	1
869	Construction laborers	1,149,780			
	394 Crossing guards		7.426	85,380	
	626 Construction laborers		81.188	933,485	
	660 Helpers, construction trades		4.950	56,920	
	673 Highway maintenance workers		5.446	62,612	
	693 Helpers--extraction workers		0.990	11,384	
874	Production helpers	37,983			
	761 Helpers--installation, maintenance, and repair workers		4.688	1,780	
	895 Helpers--production workers		86.719	32,938	
	896 Production workers, all other		6.250	2,374	
	962 Laborers and freight, stock, and material movers, hand		2.344	890	
875	Garbage collectors	59,909			
	972 Refuse and recyclable material collectors		100.000	59,909	1
876	Stevedores	11,483			
	896 Production workers, all other		1.626	187	
	962 Laborers and freight, stock, and material movers, hand		98.374	11,296	2

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
877	Stock handlers and baggers	1,030,362			
	562 Stock clerks and order fillers		55.682	573,724	
	896 Production workers, all other		3.409	35,126	
	962 Laborers and freight, stock, and material movers, hand		39.205	403,949	
	964 Packers and packagers, hand		1.705	17,563	
878	Machine feeders and offbearers	87,209			
	846 Textile, apparel, and furnishings workers, all other		3.125	2,725	
	865 Crushing, grinding, polishing, mixing, and blending workers		1.563	1,363	
	895 Helpers--production workers		3.125	2,725	
	896 Production workers, all other		7.031	6,132	
	962 Laborers and freight, stock, and material movers, hand		13.281	11,582	
	963 Machine feeders and offbearers		71.094	62,000	
	975 Material moving workers, all other		0.781	681	
883	Freight, stock, and material handlers, n.e.c.	572,957			
	554 Postal service clerks		8.264	47,352	
	613 Logging workers		0.826	4,735	
	694 Other extraction workers		0.413	2,368	
	896 Production workers, all other		5.372	30,779	
	942 Other transportation workers		2.066	11,838	
	962 Laborers and freight, stock, and material movers, hand		83.058	475,886	
885	Garage and service station related occupations	270,227			
	726 Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers		24.031	64,938	
	761 Helpers--installation, maintenance, and repair workers		0.775	2,095	
	936 Service station attendants		75.194	203,194	
887	Vehicle washers and equipment cleaners	232,516			
	422 Janitors and building cleaners		9.697	22,547	
	961 Cleaners of vehicles and equipment		90.303	209,969	3
888	Hand packers and packagers	368,341			
	496 Sales and related workers, all other		4.762	17,540	
	781 Butchers and other meat, poultry, and fish processing workers		7.937	29,233	
	896 Production workers, all other		4.762	17,540	
	962 Laborers and freight, stock, and material movers, hand		3.968	14,617	
	964 Packers and packagers, hand		78.571	289,411	
889	Laborers, except construction	1,291,166			
	422 Janitors and building cleaners		3.283	42,387	
	425 Grounds maintenance workers		1.010	13,042	
	535 Order clerks		1.515	19,563	
	562 Stock clerks and order fillers		6.818	88,034	
	604 Graders and sorters, agricultural products		0.253	3,261	
	605 Miscellaneous agricultural workers		2.525	32,605	
	610 Fishers and related fishing workers		0.253	3,261	
	612 Forest and conservation workers		0.505	6,521	
	674 Rail-track laying and maintenance equipment operators		0.758	9,782	

**Table 2. 1990 Census Occupation Classification System and  
Its Redistribution into the Census 2000 Occupation Classification System**

1990 Census Codes and Categories		1990 Civilian Labor Force	Pct. of 1990 Category (Conversion Factors)	1990 CLF Redist to 2000	Comp. Score
	Census 2000 Codes and Categories				
675	Septic tank servicers and sewer pipe cleaners		1.515	19,563	
692	Roustabouts, oil and gas		0.253	3,261	
693	Helpers--extraction workers		0.253	3,261	
694	Other extraction workers		0.505	6,521	
734	Maintenance and repair workers, general		0.253	3,261	
761	Helpers--installation, maintenance, and repair workers		0.505	6,521	
781	Butchers and other meat, poultry, and fish processing workers		1.263	16,303	
785	Food cooking machine operators and tenders		0.505	6,521	
810	Molders and molding machine setters, operators, and tenders, metal and plastic		1.010	13,042	
830	Laundry and dry-cleaning workers		0.505	6,521	
846	Textile, apparel, and furnishings workers, all other		1.263	16,303	
871	Cutting workers		0.505	6,521	
886	Cleaning, washing, and metal pickling equipment operators and tenders		0.253	3,261	
895	Helpers--production workers		3.788	48,908	
896	Production workers, all other		22.222	286,926	
926	Subway, streetcar, and other rail transportation workers		1.010	13,042	
936	Service station attendants		0.253	3,261	
961	Cleaners of vehicles and equipment		2.525	32,605	
962	Laborers and freight, stock, and material movers, hand		40.657	524,944	
963	Machine feeders and offbearers		0.505	6,521	
964	Packers and packagers, hand		0.758	9,782	
972	Refuse and recyclable material collectors		2.020	26,084	
975	Material moving workers, all other		0.758	9,782	
	Unemployed, not classified by occupation	999,951			
	Unemployed, not classified by occupation		100.000	999,951	1
(This last category for both censuses includes people who were unemployed at the time of the census, AND: whose last job was more than 5 years before the census, or whose last job was a military specific occupation, or who never worked.)					
<b>The following Military Specific Occupation categories are not part of the Civilian Labor Force</b>					
903	Commissioned officers and warrant officers				
	980 Military officer special and tactical operations leaders/managers		100.000		1
904	Non-commissioned officers and other enlisted personnel				
	981 First-line enlisted military supervisors/managers		NA		
	982 Military enlisted tactical operations and air/weapons specialists and crew members		NA		
905	Military occupation, rank not specified				
	983 Military, rank not specified		100.000		1