

Short-Term Projected Occupational Growth in Wyoming by Standard Occupational Classification, 2000 to 2004

Rank	SOC ¹ Code and Occupation Title	Typical Education Requirements ²	Employment				2001 Average Wage		
			Base 2000	Projected 2004	Number	Percent	Hourly	Annual	% of Poverty ³
1	41-2031 Retail salespersons	Short-term on-the-job training	7,110	7,233	123	1.7	\$8.72	\$18,130	99
2	43-3031 Bookkeeping, accounting, and auditing clerks	Moderate-term on-the-job training	3,951	4,037	86	2.2	\$10.68	\$22,220	121
3	11-1021 General and operations managers	Bachelor's degree plus work experience	4,574	4,658	84	1.8	\$28.18	\$58,620	319
4	37-2011 Janitors and cleaners, except maids and housekeeping cleaners	Short-term on-the-job training	4,094	4,174	80	1.9	\$8.96	\$18,640	101
5	29-1111 Registered nurses	Associate's degree	3,570	3,647	78	2.2	\$19.04	\$39,590	215
6	53-3032 Truck drivers, heavy and tractor-trailer	Moderate-term on-the-job training	4,430	4,506	76	1.7	\$14.69	\$30,550	166
7	41-2011 Cashiers	Short-term on-the-job training	5,516	5,591	75	1.4	\$7.41	\$15,410	84
8	35-3031 Waiters and waitresses	Short-term on-the-job training	4,325	4,396	71	1.6	\$7.57	\$15,750	86
9	37-2012 Maids and housekeeping cleaners	Short-term on-the-job training	3,340	3,403	64	1.9	\$7.36	\$15,310	83
10	35-3021 Combined food preparation and serving workers, including fast food	Short-term on-the-job training	5,846	5,907	61	1.0	\$6.43	\$13,380	73
11	43-6014 Secretaries, except legal, medical, and executive	Moderate-term on-the-job training	4,209	4,268	59	1.4	\$9.99	\$20,790	113
12	39-9011 Child care workers	Short-term on-the-job training	1,343	1,399	56	4.2	\$7.28	\$15,140	82
13	41-9041 Telemarketers	Short-term on-the-job training	1,154	1,209	56	4.8	\$7.65	\$15,900	86
14	31-1012 Nursing aides, orderlies, and attendants	Short-term on-the-job training	2,352	2,401	49	2.1	\$8.63	\$17,940	98
15	43-6011 Executive secretaries and administrative assistants	Moderate-term on-the-job training	2,482	2,531	49	2.0	\$13.27	\$27,590	150
16	21-1093 Social and human service assistants	Moderate-term on-the-job training	991	1,037	46	4.6	\$9.16	\$19,060	104
17	41-1011 First-line supervisors/managers of retail sales workers	Work experience in a related occupation	2,414	2,458	44	1.8	\$13.53	\$28,140	153
18	43-5081 Stock clerks and order fillers	Short-term on-the-job training	2,115	2,156	42	2.0	\$10.13	\$21,080	115
19	25-9041 Teacher assistants	Short-term on-the-job training	2,766	2,807	41	1.5	⁴	\$16,340	89
20	43-9061 Office clerks, general	Short-term on-the-job training	2,690	2,731	41	1.5	\$8.95	\$18,620	101
21	37-3011 Landscaping and groundskeeping workers	Short-term on-the-job training	1,202	1,242	39	3.3	\$9.63	\$20,020	109
22	47-2031 Carpenters	Long-term on-the-job training	1,943	1,978	35	1.8	\$17.26	\$35,900	195
23	49-9042 Maintenance and repair workers, general	Long-term on-the-job training	2,621	2,655	35	1.3	\$13.88	\$28,860	157
24	49-3023 Automotive service technicians and mechanics	Postsecondary vocational award	1,491	1,524	33	2.2	\$12.61	\$26,230	143
25	43-4171 Receptionists and information clerks	Short-term on-the-job training	1,259	1,290	32	2.5	\$8.54	\$17,770	97
26	53-7062 Laborers and freight, stock, and material movers, hand	Short-term on-the-job training	1,843	1,873	30	1.6	\$9.16	\$19,060	104
27	13-2011 Accountants and auditors	Bachelor's degree	1,124	1,152	28	2.5	\$21.12	\$43,940	239
28	25-2021 Elementary school teachers, except special education	Bachelor's degree	2,516	2,544	28	1.1	⁴	\$36,270	197
29	53-3033 Truck drivers, light or delivery services	Short-term on-the-job training	1,226	1,253	27	2.2	\$11.83	\$24,610	134
30	33-9032 Security guards	Short-term on-the-job training	841	868	27	3.2	\$9.36	\$19,460	106
31	43-1011 First-line supervisors/managers of office and administrative support workers	Work experience in a related occupation	1,588	1,614	26	1.7	\$16.13	\$33,560	182
32	35-2014 Cooks, restaurant	Long-term on-the-job training	1,540	1,565	25	1.6	\$8.60	\$17,890	97
33	31-1011 Home health aides	Short-term on-the-job training	539	563	24	4.5	\$8.06	\$16,760	91
34	35-2011 Cooks, fast food	Short-term on-the-job training	ND	ND	ND	ND	\$5.98	\$12,450	68
35	47-2061 Construction laborers	Moderate-term on-the-job training	2,376	2,400	24	1.0	\$10.87	\$22,600	123
36	41-4012 Sales representatives, wholesale and manufacturing, except technical and scientific products	Moderate-term on-the-job training	1,450	1,473	23	1.6	\$17.20	\$35,780	194
37	47-2073 Operating engineers and other construction equipment operators	Moderate-term on-the-job training	1,822	1,844	23	1.2	\$15.32	\$31,860	173
38	35-2012 Cooks, institution and cafeteria	Long-term on-the-job training	1,199	1,222	23	1.9	\$8.17	\$17,000	92
39	25-2011 Preschool teachers, except special education	Bachelor's degree	365	387	22	6.0	\$8.51	\$17,700	96
40	47-2111 Electricians	Long-term on-the-job training	1,497	1,519	22	1.4	\$18.63	\$38,750	211
41	51-4121 Welders, cutters, solderers, and brazers	Postsecondary vocational award	1,100	1,122	21	1.9	\$14.58	\$30,330	165
42	35-1012 First-line supervisors/managers of food preparation and serving workers	Work experience in a related occupation	1,505	1,526	21	1.4	\$10.41	\$21,650	118
43	35-3011 Bartenders	Short-term on-the-job training	1,615	1,636	21	1.3	\$7.35	\$15,280	83
44	35-9021 Dishwashers	Short-term on-the-job training	1,288	1,308	20	1.5	\$6.65	\$13,830	75
45	29-2061 Licensed practical and licensed vocational nurses	Postsecondary vocational award	834	853	19	2.2	\$13.25	\$27,550	150
46	17-2051 Civil engineers	Bachelor's degree	438	457	18	4.2	\$23.72	\$49,330	268
47	47-1011 First-line supervisors/managers of construction trades and extraction workers	Work experience in a related occupation	1,568	1,586	18	1.1	\$22.98	\$47,790	260
48	39-9021 Personal and home care aides	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
49	25-2031 Secondary school teachers, except special and vocational education	Bachelor's degree	2,023	2,041	18	0.9	⁴	\$37,500	204
50	47-5071 Roustabouts, oil and gas	Moderate-term on-the-job training	562	579	17	3.0	\$12.39	\$25,760	140
51	47-5081 Helpers--extraction workers	Short-term on-the-job training	859	876	17	1.9	\$14.55	\$30,270	165
52	41-9099 Sales and related workers, all other	Moderate-term on-the-job training	615	632	16	2.7	\$10.06	\$20,920	114
53	11-9199 Managers, all other	Work experience in a related occupation	942	958	16	1.7	\$26.34	\$54,790	298
54	53-7073 Wellhead pumpers	Moderate-term on-the-job training	368	383	15	4.1	\$17.13	\$35,620	194
55	33-2011 Fire fighters	Long-term on-the-job training	765	779	15	1.9	\$14.06	\$29,240	159
56	49-3031 Bus and truck mechanics and diesel engine specialists	Postsecondary vocational award	823	838	15	1.8	\$16.24	\$33,790	184
57	35-2021 Food preparation workers	Short-term on-the-job training	973	987	14	1.5	\$7.38	\$15,360	83
58	33-3051 Police and sheriff's patrol officers	Long-term on-the-job training	1,012	1,027	14	1.4	\$15.80	\$32,870	179
59	25-2022 Middle school teachers, except special and vocational education	Bachelor's degree	1,292	1,306	14	1.1	⁴	\$36,360	198
60	51-6011 Laundry and dry-cleaning workers	Moderate-term on-the-job training	642	656	14	2.2	\$7.57	\$15,730	85
61	47-3012 Helpers--carpenters	Short-term on-the-job training	662	677	14	2.2	\$11.52	\$23,960	130
62	53-3031 Driver/sales workers	Short-term on-the-job training	1,041	1,055	14	1.3	\$10.47	\$21,770	118
63	53-7199 Material moving workers, all other	Moderate-term on-the-job training	825	839	14	1.7	\$19.97	\$41,540	226

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64	43-4051	Customer service representatives	Moderate-term on-the-job training	948	962	14	1.4	\$10.52	\$21,880	119
65	41-2021	Counter and rental clerks	Short-term on-the-job training	629	642	13	2.1	\$8.10	\$16,840	92
66	49-3042	Mobile heavy equipment mechanics, except engines	Postsecondary vocational award	835	848	13	1.6	\$19.69	\$40,950	223
67	43-2011	Switchboard operators, including answering service	Short-term on-the-job training	366	379	13	3.6	\$8.35	\$17,370	94
68	47-2152	Plumbers, pipefitters, and steamfitters	Long-term on-the-job training	933	945	13	1.3	\$15.68	\$32,610	177
69	43-6013	Medical secretaries	Postsecondary vocational award	555	567	12	2.2	\$10.21	\$21,230	115
70	53-3022	Bus drivers, school	Short-term on-the-job training	995	1,008	12	1.2	\$9.61	\$19,990	109
71	19-4099	Life, physical, and social science technicians, all other	Associate's degree	282	295	12	4.4	\$15.54	\$32,320	176
72	39-9031	Fitness trainers and aerobics instructors	Postsecondary vocational award	607	619	12	2.0	\$10.58	\$22,000	120
73	13-1199	Business operations specialists, all other	Bachelor's degree	1,163	1,175	12	1.0	\$20.82	\$43,320	235
74	11-9111	Medical and health services managers	Bachelor's degree plus work experience	547	558	11	2.1	\$24.60	\$51,160	278
75	11-3011	Administrative services managers	Bachelor's degree plus work experience	600	611	11	1.9	\$20.09	\$41,790	227
76	35-9011	Dining room and cafeteria attendants and bartender helpers	Short-term on-the-job training	698	709	11	1.6	\$6.55	\$13,630	74
77	49-9098	Helpers--installation, maintenance, and repair workers	Short-term on-the-job training	387	398	11	2.8	\$13.03	\$27,100	147
78	39-3091	Amusement and recreation attendants	Short-term on-the-job training	557	568	11	2.0	\$7.94	\$16,520	90
79	51-8092	Gas plant operators	Long-term on-the-job training	332	343	11	3.3	\$21.91	\$45,580	248
80	51-9198	Helpers--production workers	Short-term on-the-job training	717	728	11	1.5	\$8.72	\$18,130	99
81	17-1022	Surveyors	Bachelor's degree	218	229	11	4.9	\$22.97	\$47,780	260
82	11-3031	Financial managers	Bachelor's degree plus work experience	779	789	10	1.3	\$26.86	\$55,870	304
83	21-1021	Child, family, and school social workers	Bachelor's degree	262	272	10	3.9	\$12.65	\$26,300	143
84	49-1011	First-line supervisors/managers of mechanics, installers, and repairers	Work experience in a related occupation	1,086	1,096	10	0.9	\$22.92	\$47,670	259
85	11-9021	Construction managers	Bachelor's degree	510	520	10	2.0	\$25.90	\$53,870	293
86	31-9091	Dental assistants	Moderate-term on-the-job training	453	463	10	2.2	\$10.87	\$22,610	123
87	53-7061	Cleaners of vehicles and equipment	Short-term on-the-job training	338	348	10	2.9	\$8.35	\$17,370	94
88	43-5071	Shipping, receiving, and traffic clerks	Short-term on-the-job training	589	598	10	1.7	\$10.62	\$22,080	120
89	43-3021	Billing and posting clerks and machine operators	Short-term on-the-job training	650	660	10	1.5	\$10.84	\$22,560	123
90	11-9051	Food service managers	Work experience in a related occupation	518	527	10	1.9	\$14.65	\$30,470	166
91	53-7071	Gas compressor and gas pumping station operators	Moderate-term on-the-job training	246	256	10	3.9	\$21.44	\$44,590	242
92	17-3031	Surveying and mapping technicians	Moderate-term on-the-job training	263	273	10	3.6	\$13.01	\$27,070	147
93	21-9099	All other counselors, social and religious workers	Bachelor's degree	564	574	9	1.7	\$16.12	\$33,540	182
94	49-3021	Automotive body and related repairers	Long-term on-the-job training	317	327	9	2.9	\$14.13	\$29,400	160
95	31-9099	Healthcare support workers, all other	Short-term on-the-job training	374	384	9	2.5	\$9.94	\$20,670	112
96	53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators	Work experience in a related occupation	468	477	9	2.0	\$23.29	\$48,440	263
97	35-1011	Chefs and head cooks	Postsecondary vocational award	655	664	9	1.4	\$10.98	\$22,840	124
98	31-9096	Veterinary assistants and laboratory animal caretakers	Short-term on-the-job training	172	181	9	5.3	\$7.49	\$15,590	85
99	29-2041	Emergency medical technicians and paramedics	Postsecondary vocational award	398	407	9	2.2	\$8.81	\$18,320	100
100	51-2041	Structural metal fabricators and fitters	Moderate-term on-the-job training	119	127	9	7.3	\$12.56	\$26,120	142
101	25-3999	All other teachers, primary, secondary, and adult	Bachelor's degree	1,191	1,200	9	0.7	\$29.26 ⁴	\$29,260	159
102	39-5012	Hairdressers, hairstylists, and cosmetologists	Postsecondary vocational award	445	453	9	1.9	\$7.91	\$16,460	89
103	19-4031	Chemical technicians	Associate's degree	201	209	9	4.3	\$12.87	\$26,770	145
104	43-4081	Hotel, motel, and resort desk clerks	Short-term on-the-job training	599	608	8	1.4	\$7.66	\$15,920	87
105	41-3041	Travel agents	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
106	11-1011	Chief executives	Bachelor's degree plus work experience	481	489	8	1.7	\$36.82	\$76,590	416
107	47-2051	Cement masons and concrete finishers	Long-term on-the-job training	489	498	8	1.7	\$13.55	\$28,180	153
108	43-3011	Bill and account collectors	Short-term on-the-job training	332	340	8	2.5	\$11.09	\$23,070	125
109	51-7011	Cabinetmakers and bench carpenters	Long-term on-the-job training	231	239	8	3.5	\$13.39	\$27,860	151
110	35-3022	Counter attendants, cafeteria, food concession, and coffee shop	Short-term on-the-job training	757	765	8	1.1	\$6.77	\$14,080	77
111	41-2022	Parts salespersons	Moderate-term on-the-job training	495	503	8	1.6	\$10.26	\$21,330	116
112	41-1012	First-line supervisors/managers of non-retail sales workers	Work experience in a related occupation	385	393	8	2.1	\$16.86	\$35,070	191
113	43-4181	Reservation and transportation ticket agents and travel clerks	Short-term on-the-job training	453	461	8	1.8	\$8.87	\$18,440	100
114	39-9032	Recreation workers	Bachelor's degree	ND	ND	ND	ND	\$8.45	\$17,580	96
115	47-5013	Service unit operators, oil, gas, and mining	Moderate-term on-the-job training	ND	ND	ND	ND	\$16.86	\$35,060	191
116	53-3021	Bus drivers, transit and intercity	Moderate-term on-the-job training	468	476	8	1.7	\$10.62	\$22,100	120
117	35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop	Short-term on-the-job training	568	575	8	1.4	\$7.06	\$14,690	80
118	21-1015	Rehabilitation counselors	Master's degree	184	192	8	4.2	\$12.09	\$25,150	137
119	29-1051	Pharmacists	First professional degree	492	500	8	1.6	\$31.57	\$65,670	357
120	43-4151	Order clerks	Short-term on-the-job training	374	382	8	2.0	\$10.33	\$21,480	117
121	25-3021	Self-enrichment education teachers	Work experience in a related occupation	186	194	8	4.1	\$14.13	\$29,390	160
122	47-2141	Painters, construction and maintenance	Moderate-term on-the-job training	464	472	7	1.6	\$13.45	\$27,970	152
123	29-2034	Radiologic technologists and technicians	Associate's degree	283	291	7	2.6	\$17.34	\$36,070	196
124	33-3012	Correctional officers and jailers	Moderate-term on-the-job training	560	567	7	1.3	\$13.68	\$28,460	155
125	17-3022	Civil engineering technicians	Associate's degree	136	143	7	5.4	\$15.16	\$31,520	171
126	53-7032	Excavating and loading machine and dragline operators	Moderate-term on-the-job training	957	964	7	0.8	\$20.04	\$41,680	227
127	43-4071	File clerks	Short-term on-the-job training	341	349	7	2.1	\$8.27	\$17,200	93
128	29-1123	Physical therapists	Master's degree	337	344	7	2.1	\$25.43	\$52,900	288
129	53-6099	Transportation workers, all other	Short-term on-the-job training	846	853	7	0.8	\$14.54	\$30,240	164
130	43-9021	Data entry keyers	Moderate-term on-the-job training	249	256	7	2.8	\$8.62	\$17,930	97

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131	49-2011	Computer, automated teller, and office machine repairers	Postsecondary vocational award	188	195	7	3.7	\$14.35	\$29,850	162
132	29-2021	Dental hygienists	Associate's degree	297	304	7	2.3	\$23.69	\$49,270	268
133	53-7051	Industrial truck and tractor operators	Short-term on-the-job training	1,066	1,073	7	0.6	\$16.56	\$34,450	187
134	37-1011	First-line supervisors/managers of housekeeping and janitorial workers	Work experience in a related occupation	395	402	7	1.7	\$12.15	\$25,280	137
135	49-3093	Tire repairers and changers	Short-term on-the-job training	478	484	7	1.4	\$8.87	\$18,440	100
136	31-9092	Medical assistants	Moderate-term on-the-job training	294	301	7	2.2	\$9.92	\$20,640	112
137	43-4999	All other financial, information, and record clerks	Short-term on-the-job training	549	556	6	1.2	\$13.56	\$28,210	153
138	35-2015	Cooks, short order	Short-term on-the-job training	389	395	6	1.7	\$7.69	\$15,990	87
139	37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	Work experience in a related occupation	210	216	6	3.1	\$15.96	\$33,200	180
140	39-6021	Tour guides and escorts	Moderate-term on-the-job training	ND	ND	ND	ND	\$9.82	\$20,420	111
141	25-2041	Special education teachers, preschool, kindergarten, and elementary school	Bachelor's degree	449	455	6	1.4	\$8.75	\$35,800	195
142	43-9999	All other secretaries, administrative assistants, and other office support workers	Short-term on-the-job training	402	409	6	1.5	\$10.08	\$20,970	114
143	29-2056	Veterinary technologists and technicians	Associate's degree	105	111	6	5.9	\$10.46	\$21,760	118
144	47-5012	Rotary drill operators, oil and gas	Moderate-term on-the-job training	427	433	6	1.4	\$18.89	\$39,300	214
145	39-2021	Nonfarm animal caretakers	Short-term on-the-job training	138	144	6	4.4	\$8.82	\$18,340	100
146	51-1011	First-line supervisors/managers of production and operating workers	Work experience in a related occupation	1,022	1,028	6	0.6	\$23.13	\$48,100	261
147	49-9099	Installation, maintenance, and repair workers, all other	Short-term on-the-job training	270	275	6	2.2	\$14.85	\$30,900	168
148	43-9011	Computer operators	Moderate-term on-the-job training	282	288	6	2.1	\$12.16	\$25,290	137
149	29-2071	Medical records and health information technicians	Associate's degree	284	289	6	2.0	\$10.92	\$22,710	123
150	11-1031	Legislators	Bachelor's degree plus work experience	262	267	6	2.2	\$7.64	\$15,900	86
151	37-9099	All other building and grounds cleaning and maintenance workers	Short-term on-the-job training	185	191	6	3.0	\$8.75	\$18,190	99
152	23-1011	Lawyers	First professional degree	663	668	6	0.8	\$27.75	\$57,710	314
153	51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
154	15-1021	Computer programmers	Bachelor's degree	280	286	6	2.0	\$20.01	\$41,620	226
155	31-9094	Medical transcriptionists	Postsecondary vocational award	230	236	5	2.4	\$11.19	\$23,270	126
156	53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand	Work experience in a related occupation	244	249	5	2.2	\$16.07	\$33,420	182
157	43-5032	Dispatchers, except police, fire, and ambulance	Moderate-term on-the-job training	308	313	5	1.7	\$14.99	\$31,180	169
158	47-5011	Derrick operators, oil and gas	Moderate-term on-the-job training	270	275	5	2.0	\$17.14	\$35,650	194
159	41-4011	Sales representatives, wholesale and manufacturing, technical and scientific products	Moderate-term on-the-job training	388	394	5	1.4	\$29.87	\$62,130	338
160	17-2171	Petroleum engineers	Bachelor's degree	202	207	5	2.6	\$33.47	\$69,630	378
161	29-1062	Family and general practitioners	First professional degree	259	265	5	2.0	\$53.90	\$112,120	609
162	47-2181	Roofers	Moderate-term on-the-job training	300	306	5	1.7	\$13.68	\$28,460	155
163	49-2092	Electric motor, power tool, and related repairers	Postsecondary vocational award	69	74	5	7.5	\$14.53	\$30,220	164
164	29-1131	Veterinarians	First professional degree	94	99	5	5.5	\$24.47	\$50,900	277
165	53-6031	Service station attendants	Short-term on-the-job training	262	267	5	1.9	\$7.47	\$15,540	84
166	29-1122	Occupational therapists	Bachelor's degree	190	195	5	2.7	\$22.77	\$47,360	257
167	51-9199	Production workers, all other	Moderate-term on-the-job training	659	664	5	0.8	\$13.29	\$27,650	150
168	19-3091	Anthropologists and archeologists	Master's degree	110	115	5	4.5	\$17.13	\$35,630	194
169	53-3041	Taxi drivers and chauffeurs	Short-term on-the-job training	180	185	5	2.7	\$7.30	\$15,190	83
170	43-4111	Interviewers, except eligibility and loan	Short-term on-the-job training	178	183	5	2.7	\$9.79	\$20,360	111
171	41-3031	Securities, commodities, and financial services sales agents	Bachelor's degree	177	182	5	2.8	\$35.56	\$73,970	402
172	51-2021	Coil winders, tapers, and finishers	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
173	11-9151	Social and community service managers	Bachelor's degree	238	243	5	2.0	\$18.80	\$39,100	213
174	31-1013	Psychiatric aides	Short-term on-the-job training	ND	ND	ND	ND	\$6.89	\$14,330	78
175	29-1127	Speech-language pathologists	Master's degree	230	234	5	2.1	\$20.78	\$43,230	235
176	51-6031	Sewing machine operators	Moderate-term on-the-job training	115	120	5	4.2	\$7.84	\$16,310	89
177	47-2211	Sheet metal workers	Moderate-term on-the-job training	283	287	5	1.7	\$17.45	\$36,290	197
178	21-1014	Mental health counselors	Master's degree	147	151	5	3.1	\$17.65	\$36,720	200
179	21-1023	Mental health and substance abuse social workers	Master's degree	160	165	5	2.9	\$16.17	\$33,630	183
180	29-2011	Medical and clinical laboratory technologists	Bachelor's degree	223	227	5	2.1	\$18.47	\$38,420	209
181	51-2092	Team assemblers	Moderate-term on-the-job training	245	249	5	1.8	\$10.29	\$21,410	116
182	39-1021	First-line supervisors/managers of personal service workers	Work experience in a related occupation	185	189	5	2.4	\$12.44	\$25,880	141
183	17-3011	Architectural and civil drafters	Postsecondary vocational award	84	88	5	5.4	\$14.11	\$29,340	159
184	15-1041	Computer support specialists	Associate's degree	606	610	4	0.7	\$13.98	\$29,080	158
185	47-2221	Structural iron and steel workers	Long-term on-the-job training	252	256	4	1.8	\$15.86	\$32,990	179
186	27-3031	Public relations specialists	Bachelor's degree	186	190	4	2.3	\$20.09	\$41,790	227
187	29-2012	Medical and clinical laboratory technicians	Associate's degree	194	198	4	2.2	\$13.01	\$27,070	147
188	43-5031	Police, fire, and ambulance dispatchers	Moderate-term on-the-job training	268	272	4	1.6	\$11.87	\$24,690	134
189	21-1012	Educational, vocational, and school counselors	Master's degree	382	386	4	1.1	\$18.25	\$37,960	206
190	51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	114	118	4	3.6	\$10.65	\$22,140	120
191	45-2093	Farmworkers, farm and ranch animals	Short-term on-the-job training	187	191	4	2.1	\$8.84	\$18,380	100
192	45-9099	Farming, fishing, and forestry workers, all other	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
193	13-1111	Management analysts	Bachelor's degree plus work experience	102	106	4	3.9	\$31.76	\$66,070	359
194	51-9061	Inspectors, testers, sorters, samplers, and weighers	Moderate-term on-the-job training	270	274	4	1.5	\$14.90	\$30,980	168
195	19-3031	Clinical, counseling, and school psychologists	Bachelor's degree	189	193	4	2.1	\$22.94	\$47,720	259
196	11-3040	Human resources managers	Bachelor's degree plus work experience	262	266	4	1.5	\$25.86	\$53,790	292
197	43-3051	Payroll and timekeeping clerks	Short-term on-the-job training	265	269	4	1.5	\$12.89	\$26,800	146

Rank	SOC ¹ Code and Occupation Title	Typical Education Requirements ²	Base		Projected		% of		
			2000	2004	Number	Percent	Hourly	Annual	Poverty ³
198	51-9122 Painters, transportation equipment	Moderate-term on-the-job training	134	137	4	2.9	\$15.73	\$32,720	178
199	11-2022 Sales managers	Bachelor's degree plus work experience	256	260	4	1.5	\$26.50	\$55,110	300
200	11-9032 Education administrators, elementary and secondary school	Bachelor's degree plus work experience	401	405	4	1.0	\$57,440 ⁴		312
201	47-3019 Helpers, construction trades, all other	Short-term on-the-job training	143	146	4	2.7	\$9.54	\$19,840	108
202	45-2092 Farmworkers and laborers, crop, nursery, and greenhouse	Short-term on-the-job training	136	140	4	2.8	\$10.23	\$21,290	116
203	21-1022 Medical and public health social workers	Bachelor's degree	110	114	4	3.4	\$15.12	\$31,450	171
204	47-2130 Insulation workers	Moderate-term on-the-job training	171	175	4	2.2	\$12.97	\$26,980	147
205	29-1069 Physicians and surgeons, all other	First professional degree	ND	ND	ND	ND	ND	ND	ND
206	11-9081 Lodging managers	Work experience in a related occupation	234	238	4	1.6	\$14.25	\$29,630	161
207	29-2052 Pharmacy technicians	Moderate-term on-the-job training	270	274	4	1.4	\$11.01	\$22,900	124
208	43-4161 Human resources assistants, except payroll and timekeeping	Short-term on-the-job training	208	212	4	1.8	\$13.03	\$27,110	147
209	19-4091 Environmental science and protection technicians, including health	Associate's degree	102	105	4	3.6	\$12.93	\$26,890	146
210	51-2099 Assemblers and fabricators, all other	Moderate-term on-the-job training	137	141	4	2.6	\$8.92	\$18,560	101
211	47-4051 Highway maintenance workers	Moderate-term on-the-job training	203	207	4	1.7	\$12.96	\$26,950	146
212	47-2071 Paving, surfacing, and tamping equipment operators	Moderate-term on-the-job training	180	183	4	2.0	\$15.29	\$31,800	173
213	29-1126 Respiratory therapists	Associate's degree	ND	ND	ND	ND	\$15.29	\$31,800	173
214	25-2032 Vocational education teachers, secondary school	Bachelor's degree	294	297	3	1.2	\$36,230 ⁴		197
215	33-1012 First-line supervisors/managers of police and detectives	Work experience in a related occupation	210	213	3	1.6	\$21.36	\$44,430	241
216	17-2151 Mining and geological engineers, including mining safety engineers	Bachelor's degree	141	144	3	2.4	\$29.87	\$62,120	338
217	11-9141 Property, real estate, and community association managers	Bachelor's degree	241	245	3	1.3	\$13.89	\$28,880	157
218	49-9021 Heating, air conditioning, and refrigeration mechanics and installers	Long-term on-the-job training	214	217	3	1.5	\$16.43	\$34,180	186
219	47-3011 Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	Short-term on-the-job training	152	155	3	2.1	\$10.84	\$22,560	123
220	29-9199 Health professionals and technicians, all other	Associate's degree	133	136	3	2.3	\$12.63	\$26,270	143
221	19-2042 Geoscientists, except hydrologists and geographers	Bachelor's degree	147	150	3	2.0	\$30.63	\$63,700	346
222	39-9099 Personal care and service workers, all other	Short-term on-the-job training	164	167	3	1.8	\$7.89	\$16,420	89
223	25-4031 Library technicians	Short-term on-the-job training	289	292	3	1.0	\$9.60	\$19,970	109
224	51-4041 Machinists	Long-term on-the-job training	246	248	3	1.2	\$15.53	\$32,300	176
225	13-1073 Training and development specialists	Bachelor's degree	166	168	3	1.7	\$18.07	\$37,580	204
226	47-3015 Helpers--pipelayers, plumbers, pipefitters, and steamfitters	Short-term on-the-job training	126	129	3	2.2	\$11.08	\$23,050	125
227	43-4031 Court, municipal, and license clerks	Short-term on-the-job training	221	223	3	1.3	\$11.22	\$23,340	127
228	51-3021 Butchers and meat cutters	Long-term on-the-job training	284	287	3	1.0	\$12.14	\$25,240	137
229	33-1099 First-line supervisors/managers, protective service workers, all other	Work experience in a related occupation	172	175	3	1.6	\$20.91	\$43,490	236
230	13-1022 Wholesale and retail buyers, except farm products	Bachelor's degree	153	156	3	1.8	\$18.85	\$39,200	213
231	41-2012 Gaming change persons and booth cashiers	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
232	53-7081 Refuse and recyclable material collectors	Short-term on-the-job training	253	256	3	1.0	\$11.66	\$24,260	132
233	37-3012 Pesticide handlers, sprayers, and applicators, vegetation	Moderate-term on-the-job training	ND	ND	ND	ND	\$10.25	\$21,320	116
234	47-2021 Brickmasons and blockmasons	Long-term on-the-job training	137	139	3	1.9	\$18.10	\$37,650	205
235	47-3013 Helpers--electricians	Short-term on-the-job training	ND	ND	ND	ND	\$10.89	\$22,650	123
236	25-2012 Kindergarten teachers, except special education	Bachelor's degree	258	261	3	1.0	\$34,520 ⁴		188
237	35-3041 Food servers, nonrestaurant	Short-term on-the-job training	161	164	3	1.6	\$6.53	\$13,590	74
238	13-1071 Employment, recruitment, and placement specialists	Bachelor's degree	191	194	3	1.3	\$15.99	\$33,250	181
239	43-5021 Couriers and messengers	Short-term on-the-job training	ND	ND	ND	ND	\$8.20	\$17,060	93
240	27-2022 Coaches and scouts	Long-term on-the-job training	ND	ND	ND	ND	\$19,860 ⁴		108
241	15-1071 Network and computer systems administrators	Bachelor's degree	149	151	2	1.7	\$20.63	\$42,910	233
242	47-4999 All other construction trades and related workers	Moderate-term on-the-job training	102	104	2	2.4	\$13.08	\$27,200	148
243	33-9099 Protective service workers, all other	Short-term on-the-job training	314	316	2	0.8	\$13.92	\$28,960	157
244	15-1051 Computer systems analysts	Bachelor's degree	194	197	2	1.3	\$21.94	\$45,630	248
245	11-9031 Education administrators, preschool and child care center/program	Bachelor's degree plus work experience	59	62	2	4.1	\$16.27	\$33,840	184
246	43-3071 Tellers	Short-term on-the-job training	831	833	2	0.3	\$8.69	\$18,080	98
247	25-2042 Special education teachers, middle school	Bachelor's degree	249	251	2	1.0	\$36,020 ⁴		196
248	49-3011 Aircraft mechanics and service technicians	Postsecondary vocational award	134	137	2	1.8	\$18.35	\$38,170	207
249	51-9021 Crushing, grinding, and polishing machine setters, operators, and tenders	Moderate-term on-the-job training	238	241	2	1.0	\$20.41	\$42,450	231
250	39-9041 Residential advisors	Moderate-term on-the-job training	ND	ND	ND	ND	\$8.79	\$18,270	99
251	21-1011 Substance abuse and behavioral disorder counselors	Master's degree	65	67	2	3.6	\$14.41	\$29,970	163
252	13-2072 Loan officers	Bachelor's degree	476	479	2	0.5	\$20.52	\$42,680	232
253	25-9031 Instructional coordinators	Master's degree	202	204	2	1.1	\$22.62	\$47,060	256
254	29-1064 Obstetricians and gynecologists	First professional degree	ND	ND	ND	ND	\$52.26	\$108,700	591
255	11-2031 Public relations managers	Bachelor's degree plus work experience	95	97	2	2.4	\$24.70	\$51,380	279
256	49-2099 All other electrical and electronic equipment mechanics, installers, and repairers	Postsecondary vocational award	71	73	2	3.2	\$22.09	\$45,950	250
257	29-2081 Opticians, dispensing	Long-term on-the-job training	93	95	2	2.4	\$10.43	\$21,690	118
258	17-2081 Environmental engineers	Bachelor's degree	84	86	2	2.7	\$29.46	\$61,280	333
259	51-8031 Water and liquid waste treatment plant and system operators	Long-term on-the-job training	212	214	2	1.0	\$16.63	\$34,590	188
260	29-1020 Dentists	First professional degree	110	113	2	2.0	\$52.73	\$109,690	596
261	29-1067 Surgeons	First professional degree	88	91	2	2.5	\$68.55	\$142,590	775
262	29-1071 Physician assistants	Bachelor's degree	100	102	2	2.2	\$31.15	\$64,780	352
263	31-9011 Massage therapists	Postsecondary vocational award	68	70	2	3.2	\$21.53	\$44,780	243
264	19-2021 Atmospheric and space scientists	Bachelor's degree	35	37	2	6.1	\$22.59	\$46,980	255

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265	25-2043 Special education teachers, secondary school	Bachelor's degree	221	223	2	1.0	ND	ND	ND
266	13-2052 Personal financial advisors	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
267	47-4061 Rail-track laying and maintenance equipment operators	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
268	47-5099 Extraction workers, all other	Short-term on-the-job training	377	379	2	0.6	\$14.02	\$29,160	158
269	13-1051 Cost estimators	Bachelor's degree	310	312	2	0.7	\$22.39	\$46,570	253
270	31-2021 Physical therapist assistants	Associate's degree	95	97	2	2.2	\$14.63	\$30,430	165
271	39-3011 Gaming dealers	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
272	43-9071 Office machine operators, except computer	Short-term on-the-job training	63	65	2	3.2	\$9.96	\$20,710	113
273	11-3021 Computer and information systems managers	Bachelor's degree plus work experience	227	229	2	0.9	\$24.34	\$50,630	275
274	43-6012 Legal secretaries	Postsecondary vocational award	291	293	2	0.7	\$11.35	\$23,600	128
275	49-2021 Radio mechanics	Postsecondary vocational award	43	45	2	4.6	\$11.87	\$24,680	134
276	17-2199 Engineers, all other	Bachelor's degree	370	372	2	0.5	\$25.70	\$53,460	291
277	33-1021 First-line supervisors/managers of fire fighting and prevention workers	Work experience in a related occupation	ND	ND	ND	ND	\$23.81	\$49,530	269
278	51-9132 Photographic processing machine operators	Short-term on-the-job training	113	115	2	1.7	\$7.55	\$15,710	85
279	29-2055 Surgical technologists	Postsecondary vocational award	85	87	2	2.3	\$13.04	\$27,110	147
280	43-4061 Eligibility interviewers, government programs	Moderate-term on-the-job training	223	225	2	0.9	\$17.55	\$36,500	198
281	23-2011 Paralegals and legal assistants	Associate's degree	112	113	2	1.7	\$14.71	\$30,600	166
282	41-9011 Demonstrators and product promoters	Moderate-term on-the-job training	63	65	2	3.0	\$9.12	\$18,980	103
283	25-4021 Librarians	Master's degree	240	242	2	0.8	\$17.80	\$37,020	201
284	35-9099 Food preparation and serving related workers, all other	Short-term on-the-job training	131	133	2	1.4	\$8.02	\$16,680	91
285	29-1199 Health diagnosing and treating practitioners, all other	First professional degree	97	99	2	1.9	\$36.44	\$75,790	412
286	25-4010 Archivists, curators, and museum technicians	Master's degree	74	76	2	2.5	\$15.69	\$32,630	177
287	41-3011 Advertising sales agents	Moderate-term on-the-job training	290	292	2	0.6	\$11.82	\$24,570	134
288	19-2041 Environmental scientists and specialists, including health	Bachelor's degree	212	214	2	0.9	\$24.94	\$51,870	282
289	11-2021 Marketing managers	Bachelor's degree plus work experience	125	127	2	1.5	\$26.42	\$54,950	299
290	49-3041 Farm equipment mechanics	Postsecondary vocational award	123	125	2	1.5	\$12.92	\$26,870	146
291	47-3016 Helpers--roofers	Short-term on-the-job training	109	111	2	1.7	\$8.94	\$18,590	101
292	11-3071 Transportation, storage, and distribution managers	Work experience in a related occupation	134	136	2	1.3	\$27.79	\$57,810	314
293	51-3011 Bakers	Long-term on-the-job training	401	403	2	0.4	\$9.80	\$20,390	111
294	43-5061 Production, planning, and expediting clerks	Short-term on-the-job training	141	143	2	1.3	\$14.80	\$30,790	167
295	39-3031 Ushers, lobby attendants, and ticket takers	Short-term on-the-job training	168	170	2	1.1	\$6.82	\$14,190	77
296	39-6011 Baggage porters and bellhops	Short-term on-the-job training	91	92	2	2.0	\$7.62	\$15,840	86
297	29-2053 Psychiatric technicians	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
298	51-4199 Metal workers and plastic workers, all other	Moderate-term on-the-job training	54	56	2	3.3	\$8.71	\$18,120	98
299	17-2071 Electrical engineers	Bachelor's degree	112	114	2	1.6	\$30.42	\$63,270	344
300	11-3061 Purchasing managers	Bachelor's degree plus work experience	131	132	2	1.3	\$22.35	\$46,490	253
301	11-9121 Natural sciences managers	Bachelor's degree plus work experience	148	150	2	1.2	\$30.47	\$63,380	344
302	49-9062 Medical equipment repairers	Moderate-term on-the-job training	ND	ND	ND	ND	\$15.75	\$32,760	178
303	27-1023 Floral designers	Moderate-term on-the-job training	148	149	2	1.2	\$7.58	\$15,760	86
304	19-1031 Conservation scientists	Bachelor's degree	245	246	2	0.7	\$23.61	\$49,120	267
305	11-9041 Engineering managers	Bachelor's degree plus work experience	267	269	2	0.6	\$34.82	\$72,420	394
306	31-9093 Medical equipment preparers	Short-term on-the-job training	60	62	2	2.8	\$10.45	\$21,740	118
307	53-7021 Crane and tower operators	Moderate-term on-the-job training	66	68	2	2.5	\$20.20	\$42,010	228
308	19-3021 Market research analysts	Bachelor's degree	34	36	2	4.9	\$19.61	\$40,800	222
309	53-3011 Ambulance drivers and attendants, except emergency medical technicians	Moderate-term on-the-job training	82	84	2	2.0	\$10.27	\$21,370	116
310	51-8093 Petroleum pump system operators, refinery operators, and gaugers	Long-term on-the-job training	657	659	2	0.3	\$22.50	\$46,800	254
311	47-5031 Explosives workers, ordnance handling experts, and blasters	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
312	53-7064 Packers and packagers, hand	Short-term on-the-job training	1,342	1,344	2	0.1	\$7.18	\$14,930	81
313	23-9099 All other legal and related workers	Bachelor's degree	75	76	2	2.1	\$16.79	\$34,910	190
314	43-9022 Word processors and typists	Moderate-term on-the-job training	62	64	2	2.6	\$11.40	\$23,720	129
315	43-4131 Loan interviewers and clerks	Short-term on-the-job training	319	321	2	0.5	\$11.17	\$23,230	126
316	47-2121 Glaziers	Long-term on-the-job training	66	68	2	2.4	\$11.35	\$23,600	128
317	29-1041 Optometrists	First professional degree	80	81	2	1.9	\$20.74	\$43,150	235
318	53-7072 Pump operators, except wellhead pumpers	Moderate-term on-the-job training	164	166	2	0.9	\$20.85	\$43,380	236
319	11-3051 Industrial production managers	Bachelor's degree	173	174	2	0.9	\$30.09	\$62,580	340
320	25-9199 Library, museum, training, and other education workers, all other	Bachelor's degree	54	56	1	2.7	\$10.90	\$22,680	123
321	43-9051 Mail clerks and mail machine operators, except postal service	Short-term on-the-job training	109	111	1	1.4	\$8.55	\$17,780	97
322	51-6021 Pressers, textile, garment, and related materials	Short-term on-the-job training	ND	ND	ND	ND	\$6.84	\$14,230	77
323	29-1011 Chiropractors	Moderate-term on-the-job training	55	57	1	2.6	\$23.57	\$49,030	266
324	51-4011 Computer-controlled machine tool operators, metal and plastic	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
325	47-2081 Drywall and ceiling tile installers	Moderate-term on-the-job training	ND	ND	ND	ND	\$13.69	\$28,480	155
326	17-3013 Mechanical drafters	Postsecondary vocational award	34	36	1	4.2	\$20.52	\$42,670	232
327	25-1194 Vocational education teachers, postsecondary	Doctor's degree	228	229	1	0.6	\$23.10	\$48,060	261
328	47-2151 Pipelayers	Moderate-term on-the-job training	105	106	1	1.4	\$14.05	\$29,230	159
329	Nov-11 Advertising and promotions managers	Bachelor's degree plus work experience	102	103	1	1.4	\$18.33	\$38,130	207
330	49-9095 Manufactured building and mobile home installers	Moderate-term on-the-job training	ND	ND	ND	ND	\$10.85	\$22,560	123
331	51-5022 Prepress technicians and workers	Long-term on-the-job training	90	91	1	1.6	\$9.34	\$19,430	106

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332	33-9091 Crossing guards	Short-term on-the-job training	68	69	1	2.1	\$9.25	\$19,240	105
333	27-1024 Graphic designers	Bachelor's degree	116	117	1	1.2	\$14.01	\$29,150	158
334	11-9033 Education administrators, postsecondary	Bachelor's degree plus work experience	188	189	1	0.7	\$32.59	\$67,780	368
335	47-3014 Helpers--painters, paperhangers, plasterers, and stucco masons	Short-term on-the-job training	ND	ND	ND	ND	\$8.83	\$18,360	100
336	19-4021 Biological technicians	Associate's degree	81	82	1	1.7	\$13.52	\$28,120	153
337	37-3013 Tree trimmers and pruners	Short-term on-the-job training	ND	ND	ND	ND	\$10.24	\$21,300	116
338	51-6099 Textile, apparel, and furnishings workers, all other	Moderate-term on-the-job training	50	51	1	2.7	\$12.43	\$25,850	140
339	51-3022 Meat, poultry, and fish cutters and trimmers	Short-term on-the-job training	97	98	1	1.4	\$8.07	\$16,790	91
340	31-2022 Physical therapist aides	Short-term on-the-job training	55	57	1	2.4	\$8.65	\$17,990	98
341	13-1023 Purchasing agents, except wholesale, retail, and farm products	Bachelor's degree	225	227	1	0.6	\$18.99	\$39,510	215
342	47-4071 Septic tank servicers and sewer pipe cleaners	Moderate-term on-the-job training	ND	ND	ND	ND	\$11.54	\$24,010	130
343	19-3099 Social scientists and related workers, all other	Master's degree	52	53	1	2.5	\$33.23	\$69,120	376
344	29-9010 Occupational health and safety specialists and technicians	Bachelor's degree	122	124	1	1.1	\$22.92	\$47,680	259
345	49-9091 Coin, vending, and amusement machine servicers and repairers	Moderate-term on-the-job training	ND	ND	ND	ND	\$9.02	\$18,760	102
346	19-2031 Chemists	Bachelor's degree	119	120	1	1.1	\$21.22	\$44,140	240
347	33-3021 Detectives and criminal investigators	Work experience in a related occupation	95	96	1	1.3	\$20.93	\$43,520	237
348	33-3021 Detectives and criminal investigators	Work experience in a related occupation	95	96	1	1.3	\$20.93	\$43,520	237
349	13-2081 Tax examiners, collectors, and revenue agents	Bachelor's degree	154	155	1	0.8	\$20.31	\$42,240	230
350	39-3199 All other gaming workers	Moderate-term on-the-job training	61	62	1	2.1	\$8.97	\$18,650	101
351	17-1011 Architects, except landscape and naval	Bachelor's degree	19	20	1	6.6	\$20.49	\$42,620	232
352	19-1010 Agricultural and food scientists	Bachelor's degree	38	40	1	3.2	\$19.24	\$40,030	218
353	29-1031 Dietitians and nutritionists	Bachelor's degree	60	61	1	2.0	\$19.47	\$40,510	220
354	17-2072 Electronics engineers, except computer	Bachelor's degree	39	40	1	3.1	\$24.00	\$49,910	271
355	21-1091 Health educators	Master's degree	50	51	1	2.4	\$14.21	\$29,560	161
356	49-9012 Control and valve installers and repairers, except mechanical door	Moderate-term on-the-job training	70	72	1	1.7	\$19.72	\$41,010	223
357	33-3031 Fish and game wardens	Long-term on-the-job training	158	159	1	0.7	\$19.03	\$39,580	215
358	49-2096 Electronic equipment installers and repairers, motor vehicles	Postsecondary vocational award	ND	ND	ND	ND	\$13.05	\$27,140	148
359	43-5052 Postal service mail carriers	Short-term on-the-job training	274	275	1	0.4	\$18.36	\$38,190	208
360	29-1063 Internists, general	First professional degree	46	48	1	2.4	\$60.76	\$126,390	687
361	47-2041 Carpet installers	Moderate-term on-the-job training	41	42	1	2.6	\$13.31	\$27,690	150
362	13-2082 Tax preparers	Moderate-term on-the-job training	27	28	1	4.0	\$11.77	\$24,480	133
363	47-5021 Earth drillers, except oil and gas	Moderate-term on-the-job training	241	242	1	0.4	\$16.94	\$35,240	192
364	27-4021 Photographers	Long-term on-the-job training	70	71	1	1.5	\$12.31	\$25,600	139
365	25-2023 Vocational education teachers, middle school	Bachelor's degree	92	93	1	1.2	⁴	\$33,590	183
366	17-3023 Electrical and electronic engineering technicians	Associate's degree	122	123	1	0.9	\$19.76	\$41,110	223
367	47-2161 Plasterers and stucco masons	Long-term on-the-job training	ND	ND	ND	ND	\$11.79	\$24,530	133
368	53-2012 Commercial pilots	Postsecondary vocational award	50	51	1	2.1	⁴	\$44,150	240
369	13-1061 Emergency management specialists	Work experience in a related occupation	34	35	1	3.1	\$16.28	\$33,860	184
370	31-2011 Occupational therapist assistants	Associate's degree	31	32	1	3.5	\$15.80	\$32,860	179
371	49-3053 Outdoor power equipment and other small engine mechanics	Moderate-term on-the-job training	43	44	1	2.5	\$11.06	\$23,000	125
372	39-5092 Manicurists and pedicurists	Postsecondary vocational award	ND	ND	ND	ND	\$10.13	\$21,060	114
373	49-3092 Recreational vehicle service technicians	Long-term on-the-job training	50	51	1	2.1	\$10.55	\$21,940	119
374	29-1124 Radiation therapists	Associate's degree	43	44	1	2.4	\$19.57	\$40,700	221
375	29-2031 Cardiovascular technologists and technicians	Associate's degree	ND	ND	ND	ND	ND	ND	ND
376	33-9011 Animal control workers	Moderate-term on-the-job training	35	36	1	2.9	\$10.63	\$22,110	120
377	47-5049 Mining machine operators, all other	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
378	51-3099 All other food processing workers	Short-term on-the-job training	41	42	1	2.5	\$8.31	\$17,290	94
379	27-2032 Choreographers	Work experience in a related occupation	34	35	1	3.0	\$12.75	\$26,520	144
380	47-4011 Construction and building inspectors	Work experience in a related occupation	67	68	1	1.5	\$18.20	\$37,850	206
381	41-9031 Sales engineers	Bachelor's degree	27	28	1	3.6	\$44.18	\$91,890	499
382	51-4021 Extruding and drawing machine setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	26	27	1	3.8	\$9.18	\$19,090	104
383	51-9131 Photographic process workers	Moderate-term on-the-job training	35	36	1	2.8	\$9.28	\$19,300	105
384	41-3021 Insurance sales agents	Bachelor's degree	358	359	1	0.3	\$17.47	\$36,340	198
385	13-2099 Financial specialists, all other	Bachelor's degree	105	106	1	0.9	\$15.18	\$31,580	172
386	27-3091 Interpreters and translators	Long-term on-the-job training	ND	ND	ND	ND	\$12.46	\$25,910	141
387	25-1199 Postsecondary teachers, all other	Doctor's degree	230	231	1	0.4	⁴	\$44,860	244
388	47-2171 Reinforcing iron and rebar workers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
389	51-9195 Molders, shapers, and casters, except metal and plastic	Moderate-term on-the-job training	35	35	1	2.7	\$10.56	\$21,970	119
390	19-1099 Life scientists, all other	Bachelor's degree	138	139	1	0.7	\$21.43	\$44,570	242
391	39-4021 Funeral attendants	Short-term on-the-job training	49	50	1	1.9	\$10.73	\$22,310	121
392	43-9081 Proofreaders and copy markers	Short-term on-the-job training	ND	ND	ND	ND	\$10.21	\$21,240	115
393	53-2099 All other air transportation workers	Moderate-term on-the-job training	42	43	1	2.2	\$12.60	\$26,200	142
394	25-1123 English language and literature teachers, postsecondary	Doctor's degree	102	103	1	0.9	⁴	\$45,220	246
395	17-2141 Mechanical engineers	Bachelor's degree	58	59	1	1.6	\$24.75	\$51,470	280
396	43-9111 Statistical assistants	Moderate-term on-the-job training	26	27	1	3.4	\$13.49	\$28,060	153
397	39-3093 Locker room, coatroom, and dressing room attendants	Short-term on-the-job training	31	32	1	2.9	\$6.97	\$14,510	79
398	49-3051 Motorboat mechanics	Long-term on-the-job training	19	19	1	4.7	\$12.41	\$25,810	140

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				2000	2004	Number	Percent	Hourly	Annual	Poverty ³
399	43-5041	Meter readers, utilities	Short-term on-the-job training	148	149	1	0.6	\$14.76	\$30,710	167
400	49-3043	Rail car repairers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
401	49-2097	Electronic home entertainment equipment installers and repairers	Postsecondary vocational award	31	32	1	2.8	\$14.05	\$29,210	159
402	15-1031	Computer software engineers, applications	Bachelor's degree	120	120	1	0.7	\$26.00	\$54,090	294
403	19-2043	Hydrologists	Bachelor's degree	28	29	1	3.0	\$26.88	\$55,910	304
404	43-4041	Credit authorizers, checkers, and clerks	Short-term on-the-job training	45	45	1	1.9	\$12.64	\$26,290	143
405	21-1092	Probation officers and correctional treatment specialists	Bachelor's degree	70	71	1	1.2	\$10.51	\$21,860	119
406	49-3022	Automotive glass installers and repairers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
407	19-3011	Economists	Bachelor's degree	39	39	1	2.1	\$22.43	\$46,660	254
408	51-6052	Tailors, dressmakers, and custom sewers	Work experience in a related occupation	36	37	1	2.2	\$7.55	\$15,710	85
409	15-1081	Network systems and data communications analysts	Bachelor's degree	69	70	1	1.1	\$19.50	\$40,570	220
410	29-2032	Diagnostic medical sonographers	Associate's degree	35	35	1	2.3	\$21.27	\$44,230	240
411	43-4121	Library assistants, clerical	Short-term on-the-job training	155	156	1	0.5	\$9.85	\$20,480	111
412	43-5011	Cargo and freight agents	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
413	19-3051	Urban and regional planners	Master's degree	33	33	1	2.4	\$20.13	\$41,870	228
414	51-6062	Textile cutting machine setters, operators, and tenders	Moderate-term on-the-job training	ND	ND	ND	ND	\$7.44	\$15,480	84
415	47-4031	Fence erectors	Moderate-term on-the-job training	40	41	1	1.9	\$10.50	\$21,840	119
416	29-2054	Respiratory therapy technicians	Postsecondary vocational award	37	38	1	2.1	\$17.84	\$37,100	202
417	43-4141	New accounts clerks	Work experience in a related occupation	173	174	1	0.4	\$10.57	\$21,980	119
418	19-1023	Zoologists and wildlife biologists	Doctor's degree	43	43	1	1.8	\$24.29	\$50,530	275
419	49-9043	Maintenance workers, machinery	Long-term on-the-job training	277	278	1	0.3	\$19.51	\$40,590	221
420	25-1022	Mathematical science teachers, postsecondary	Doctor's degree	102	102	1	0.7	⁴	\$47,240	257
421	25-1011	Business teachers, postsecondary	Doctor's degree	93	94	1	0.8	⁴	\$52,440	285
422	51-9194	Etchers and engravers	Long-term on-the-job training	ND	ND	ND	ND	\$21.13	\$43,950	239
423	25-1072	Nursing instructors and teachers, postsecondary	Doctor's degree	71	72	1	1.0	⁴	\$43,130	234
424	13-2021	Appraisers and assessors of real estate	Postsecondary vocational award	146	146	1	0.5	\$17.32	\$36,020	196
425	29-1065	Pediatricians, general	First professional degree	ND	ND	ND	ND	\$48.86	\$101,640	552
426	19-3093	Historians	Master's degree	30	31	1	2.3	\$18.90	\$39,310	214
427	25-1121	Art, drama, and music teachers, postsecondary	Doctor's degree	105	105	1	0.6	⁴	\$45,660	248
428	27-1099	All other art and design workers	Bachelor's degree	44	45	1	1.5	\$14.05	\$29,210	159
429	29-1125	Recreational therapists	Bachelor's degree	30	31	1	2.2	\$12.00	\$24,960	136
430	13-2031	Budget analysts	Bachelor's degree	61	61	1	1.1	\$22.19	\$46,160	251
431	13-1121	Meeting and convention planners	Bachelor's degree	32	32	1	2.1	\$12.54	\$26,080	142
432	51-5021	Job printers	Long-term on-the-job training	87	87	1	0.8	\$11.21	\$23,320	127
433	43-5053	Postal service mail sorters, processors, and processing machine operators	Short-term on-the-job training	154	155	1	0.4	\$11.74	\$24,420	133
434	11-9061	Funeral directors	Associate's degree	36	37	1	1.8	\$21.14	\$43,970	239
435	25-1071	Health specialties teachers, postsecondary	Doctor's degree	91	92	1	0.7	⁴	\$63,710	346
436	53-6021	Parking lot attendants	Short-term on-the-job training	37	38	1	1.7	\$7.10	\$14,770	80
437	49-3052	Motorcycle mechanics	Long-term on-the-job training	90	91	1	0.7	\$15.05	\$31,300	170
438	51-9082	Medical appliance technicians	Long-term on-the-job training	ND	ND	ND	ND	\$11.33	\$23,560	128
439	25-3011	Adult literacy, remedial education, and GED teachers and instructors	Bachelor's degree	ND	ND	ND	ND	\$13.38	\$27,830	151
440	41-9022	Real estate sales agents	Postsecondary vocational award	95	96	1	0.7	\$20.72	\$43,100	234
441	47-2082	Tapers	Moderate-term on-the-job training	ND	ND	ND	ND	\$15.93	\$33,140	180
442	25-9021	Farm and home management advisors	Bachelor's degree	100	101	1	0.6	\$19.55	\$40,660	221
443	17-2041	Chemical engineers	Bachelor's degree	65	66	1	0.9	\$31.82	\$66,180	360
444	53-5099	All other water transportation workers	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
445	49-2094	Electrical and electronics repairers, commercial and industrial equipment	Postsecondary vocational award	118	118	1	0.5	\$24.17	\$50,280	273
446	39-6012	Concierges	Work experience in a related occupation	ND	ND	ND	ND	\$9.94	\$20,670	112
447	15-1061	Database administrators	Bachelor's degree	46	46	1	1.3	\$19.65	\$40,880	222
448	27-3099	Media and communication workers, all other	Long-term on-the-job training	48	49	1	1.2	\$13.32	\$27,700	151
449	19-4093	Forest and conservation technicians	Associate's degree	110	111	1	0.5	\$13.93	\$28,980	158
450	21-1013	Marriage and family therapists	Master's degree	18	19	1	3.3	\$16.97	\$35,300	192
451	51-7021	Furniture finishers	Long-term on-the-job training	16	16	1	3.7	\$11.28	\$23,470	128
452	49-2022	Telecommunications equipment installers and repairers, except line installers	Postsecondary vocational award	428	429	1	0.1	\$20.53	\$42,690	232
453	53-2011	Airline pilots, copilots, and flight engineers	Bachelor's degree	40	40	1	1.4	⁴	\$54,170	294
454	47-2044	Tile and marble setters	Long-term on-the-job training	23	24	1	2.4	\$15.37	\$31,970	174
455	51-9121	Coating, painting, and spraying machine setters, operators, and tenders	Moderate-term on-the-job training	25	25	1	2.3	\$10.53	\$21,900	119
456	13-2051	Financial analysts	Bachelor's degree	31	32	1	1.8	\$25.91	\$53,890	293
457	51-9011	Chemical equipment operators and tenders	Moderate-term on-the-job training	30	31	1	1.8	\$12.66	\$26,330	143
458	49-9044	Millwrights	Long-term on-the-job training	58	58	1	0.9	\$15.71	\$32,680	178
459	51-9081	Dental laboratory technicians	Long-term on-the-job training	26	27	1	2.1	\$11.61	\$24,160	131
460	51-5023	Printing machine operators	Moderate-term on-the-job training	76	77	1	0.7	\$12.56	\$26,120	142
461	27-1025	Interior designers	Bachelor's degree	ND	ND	ND	ND	\$15.78	\$32,820	178
462	51-4051	Metal-refining furnace operators and tenders	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
463	45-1011	First-line supervisors/managers of farming, fishing, and forestry workers	Work experience in a related occupation	42	43	1	1.2	\$16.41	\$34,130	185
464	49-9069	Precision instrument and equipment repairers, all other	Long-term on-the-job training	ND	ND	ND	ND	\$16.81	\$34,960	190
465	31-2012	Occupational therapist aides	Short-term on-the-job training	ND	ND	ND	ND	\$8.13	\$16,920	92

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			Base 2000	2004	Number	Percent	Hourly	Annual	Poverty ³
466	27-3041 Editors	Bachelor's degree	97	98	0	0.5	\$14.57	\$30,300	165
467	49-3091 Bicycle repairers	Moderate-term on-the-job training	31	31	0	1.6	\$8.49	\$17,660	96
468	51-4122 Welding, soldering, and brazing machine setters, operators, and tenders	Moderate-term on-the-job training	48	48	0	1.0	\$19.84	\$41,270	224
469	29-2051 Dietetic technicians	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
470	43-5051 Postal service clerks	Short-term on-the-job training	93	93	0	0.5	\$17.99	\$37,420	203
471	49-2093 Electrical and electronics installers and repairers, transportation equipment	Postsecondary vocational award	20	20	0	2.3	\$16.58	\$34,490	187
472	49-3099 All other vehicle and mobile equipment mechanics, installers, and repairers	Moderate-term on-the-job training	90	91	0	0.5	\$13.78	\$28,670	156
473	49-9031 Home appliance repairers	Long-term on-the-job training	72	73	0	0.6	\$15.57	\$32,390	176
474	23-2092 Law clerks	Bachelor's degree	39	40	0	1.1	\$13.26	\$27,580	150
475	11-9131 Postmasters and mail superintendents	Work experience in a related occupation	84	84	0	0.5	\$19.53	\$40,620	221
476	39-1011 Gaming supervisors	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
477	53-7011 Conveyor operators and tenders	Short-term on-the-job training	149	149	0	0.3	\$20.87	\$43,410	236
478	51-6041 Shoe and leather workers and repairers	Long-term on-the-job training	39	40	0	1.0	\$11.72	\$24,370	132
479	47-2043 Floor sanders and finishers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
480	51-3023 Slaughterers and meat packers	Moderate-term on-the-job training	ND	ND	ND	ND	\$6.78	\$14,100	77
481	25-1021 Computer science teachers, postsecondary	Doctor's degree	35	35	0	1.1		\$54,400	296
482	33-2021 Fire inspectors and investigators	Work experience in a related occupation	ND	ND	ND	ND	\$21.61	\$44,950	244
483	29-1121 Audiologists	Master's degree	ND	ND	ND	ND	\$22.82	\$47,460	258
484	19-1042 Medical scientists, except epidemiologists	Doctor's degree	ND	ND	ND	ND	\$29.28	\$60,900	331
485	29-1066 Psychiatrists	First professional degree	19	19	0	1.9	\$60.95	\$126,770	689
486	43-3061 Procurement clerks	Short-term on-the-job training	52	52	0	0.7	\$14.47	\$30,090	164
487	11-9071 Gaming managers	Bachelor's degree plus work experience	ND	ND	ND	ND	ND	ND	ND
488	19-3094 Political scientists	Master's degree	ND	ND	ND	ND	ND	ND	ND
489	33-3041 Parking enforcement workers	Short-term on-the-job training	13	13	0	2.7	\$11.75	\$24,440	133
490	27-1021 Commercial and industrial designers	Bachelor's degree	15	15	0	2.3	\$18.60	\$38,700	210
491	17-1012 Landscape architects	Bachelor's degree	16	17	0	2.1	\$24.53	\$51,020	277
492	47-2042 Floor layers, except carpet, wood, and hard tiles	Moderate-term on-the-job training	ND	ND	ND	ND	\$14.10	\$29,330	159
493	27-1013 Fine artists, including painters, sculptors, and illustrators	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
494	43-3041 Gaming cage workers	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
495	39-3021 Motion picture projectionists	Short-term on-the-job training	18	19	0	1.8	\$8.16	\$16,970	92
496	49-9011 Mechanical door repairers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
497	29-2033 Nuclear medicine technologists	Associate's degree	14	14	0	2.3	\$21.37	\$44,440	242
498	51-9123 Painting, coating, and decorating workers	Short-term on-the-job training	32	33	0	1.0	\$10.44	\$21,720	118
499	25-1042 Biological science teachers, postsecondary	Doctor's degree	59	59	0	0.5		\$54,570	297
500	51-2091 Fiberglass laminators and fabricators	Moderate-term on-the-job training	ND	ND	ND	ND	\$9.93	\$20,650	112
501	15-2041 Statisticians	Master's degree	ND	ND	ND	ND	ND	ND	ND
502	51-9071 Jewelers and precious stone and metal workers	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
503	51-6051 Sewers, hand	Short-term on-the-job training	ND	ND	ND	ND	\$7.22	\$15,030	82
504	21-2011 Clergy	First professional degree	14	14	0	1.9	\$19.99	\$41,580	226
505	49-9045 Refractory materials repairers, except brickmasons	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
506	29-9091 Athletic trainers	Bachelor's degree	15	15	0	1.8		\$36,330	197
507	27-1026 Merchandise displayers and window trimmers	Moderate-term on-the-job training	15	16	0	1.8	\$8.93	\$18,570	101
508	49-9064 Watch repairers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
509	27-3020 News analysts, reporters and correspondents	Long-term on-the-job training	166	166	0	0.2	\$11.33	\$23,570	128
510	51-9041 Extruding, forming, pressing, and compacting machine setters, operators, and tenders	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
511	23-1023 Judges, magistrate judges, and magistrates	Bachelor's degree plus work experience	18	18	0	1.4	\$40.67	\$84,590	460
512	25-1193 Recreation and fitness studies teachers, postsecondary	Doctor's degree	34	35	0	0.7		\$38,240	208
513	51-4081 Multiple machine tool setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
514	33-1011 First-line supervisors/managers of correctional officers	Work experience in a related occupation	28	29	0	0.9	\$19.79	\$41,160	224
515	25-1122 Communications teachers, postsecondary	Doctor's degree	43	44	0	0.6		\$46,470	253
516	23-1021 Administrative law judges, adjudicators, and hearing officers	Bachelor's degree plus work experience	46	47	0	0.5	\$19.23	\$39,990	217
517	51-5099 All other printing workers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
518	45-4011 Forest and conservation workers	Moderate-term on-the-job training	ND	ND	ND	ND	\$10.83	\$22,530	122
519	13-1041 Compliance officers, except agriculture, construction, health and safety, and transportation	Long-term on-the-job training	164	164	0	0.1	\$20.32	\$42,260	230
520	51-4192 Lay-out workers, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
521	17-2011 Aerospace engineers	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
522	43-4011 Brokerage clerks	Moderate-term on-the-job training	25	26	0	0.8	\$11.42	\$23,760	129
523	51-4032 Drilling and boring machine tool setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
524	25-1066 Psychology teachers, postsecondary	Doctor's degree	34	34	0	0.6		\$58,330	317
525	51-4034 Lathe and turning machine tool setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	20	20	0	1.0	\$15.97	\$33,220	181
526	15-2091 Mathematical technicians	Master's degree	ND	ND	ND	ND	ND	ND	ND
527	49-9094 Locksmiths and safe repairers	Moderate-term on-the-job training	ND	ND	ND	ND	\$10.91	\$22,700	123
528	49-9096 Riggers	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
529	27-4013 Radio operators	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
530	47-2011 Boilermakers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
531	13-2071 Loan counselors	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
532	51-8021 Stationary engineers and boiler operators	Long-term on-the-job training	109	109	0	0.2	\$18.75	\$39,000	212

Rank	SOC ¹ Code and Occupation Title	Typical Education Requirements ²	Base		Projected		% of		
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533	17-2031 Biomedical engineers	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
534	49-9061 Camera and photographic equipment repairers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
535	49-9063 Musical instrument repairers and tuners	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
536	25-9011 Audio-visual collections specialists	Moderate-term on-the-job training	12	13	0	1.4	\$17.06	\$35,490	193
537	49-2098 Security and fire alarm systems installers	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
538	29-1061 Anesthesiologists	First professional degree	ND	ND	ND	ND	ND	ND	ND
539	25-1081 Education teachers, postsecondary	Doctor's degree	54	55	0	0.3	⁴	\$52,290	284
540	25-1052 Chemistry teachers, postsecondary	Doctor's degree	31	31	0	0.5	⁴	\$59,710	325
541	51-6092 Fabric and apparel patternmakers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
542	27-2042 Musicians and singers	Long-term on-the-job training	32	32	0	0.5	⁴	\$43,560	237
543	13-1072 Compensation, benefits, and job analysis specialists	Bachelor's degree	28	28	0	0.5	\$24.19	\$50,320	273
544	43-4021 Correspondence clerks	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
545	25-1065 Political science teachers, postsecondary	Doctor's degree	27	27	0	0.5	⁴	\$58,070	316
546	51-9083 Ophthalmic laboratory technicians	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
547	27-4031 Camera operators, television, video, and motion picture	Moderate-term on-the-job training	16	16	0	0.9	\$8.77	\$18,250	99
548	17-3012 Electrical and electronics drafters	Postsecondary vocational award	27	27	0	0.5	\$19.27	\$40,080	218
549	39-5011 Barbers	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
550	51-4012 Numerical tool and process control programmers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
551	47-4091 Segmental pavers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
552	31-9095 Pharmacy aides	Short-term on-the-job training	32	32	0	0.4	\$8.83	\$18,360	100
553	39-4011 Embalmers	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
554	39-6022 Travel guides	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
555	37-2021 Pest control workers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
556	25-1125 History teachers, postsecondary	Doctor's degree	29	29	0	0.4	⁴	\$52,150	283
557	39-2011 Animal trainers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
558	51-6093 Upholsterers	Long-term on-the-job training	10	10	0	1.0	\$9.27	\$19,270	105
559	17-2112 Industrial engineers	Bachelor's degree	74	74	0	0.1	\$29.26	\$60,870	331
560	43-9031 Desktop publishers	Postsecondary vocational award	ND	ND	ND	ND	\$11.79	\$24,510	133
561	27-3043 Writers and authors	Bachelor's degree	12	13	0	0.9	\$13.89	\$28,900	157
562	15-2031 Operations research analysts	Master's degree	ND	ND	ND	ND	ND	ND	ND
563	33-3011 Bailiffs	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
564	25-1191 Graduate teaching assistants	Doctor's degree	ND	ND	ND	ND	ND	ND	ND
565	27-2011 Actors	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
566	43-2099 Communications equipment operators, all other	Short-term on-the-job training	9	9	0	1.1	\$11.40	\$23,720	129
567	51-5012 Bookbinders	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
568	27-1011 Art directors	Bachelor's degree plus work experience	ND	ND	ND	ND	ND	ND	ND
569	27-2041 Music directors and composers	Bachelor's degree plus work experience	ND	ND	ND	ND	ND	ND	ND
570	27-2021 Athletes and sports competitors	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
571	27-1014 Multi-media artists and animators	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
572	53-2021 Air traffic controllers	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
573	25-1124 Foreign language and literature teachers, postsecondary	Doctor's degree	27	27	0	0.3	⁴	\$48,680	265
574	39-3012 Gaming and sports book writers and runners	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
575	51-8099 Plant and system operators, all other	Long-term on-the-job training	337	337	0	0.0	\$21.54	\$44,800	243
576	51-4023 Rolling machine setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
577	33-9031 Gaming surveillance officers and gaming investigators	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
578	15-1032 Computer software engineers, systems software	Bachelor's degree	37	38	0	0.2	\$21.38	\$44,480	242
579	27-4032 Film and video editors	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
580	47-2022 Stonemasons	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
581	33-2022 Forest fire inspectors and prevention specialists	Work experience in a related occupation	ND	ND	ND	ND	ND	ND	ND
582	39-5094 Skin care specialists	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
583	47-4041 Hazardous materials removal workers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
584	51-3091 Food and tobacco roasting, baking, and drying machine operators and tenders	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
585	41-9012 Models	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
586	25-1064 Geography teachers, postsecondary	Doctor's degree	13	13	0	0.4	⁴	\$61,180	333
587	13-2061 Financial examiners	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
588	51-4193 Plating and coating machine setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
589	19-4092 Forensic science technicians	Associate's degree	ND	ND	ND	ND	ND	ND	ND
590	27-1022 Fashion designers	Bachelor's degree	ND	ND	ND	ND	ND	ND	ND
591	19-1022 Microbiologists	Doctor's degree	ND	ND	ND	ND	ND	ND	ND
592	27-2099 Entertainers and performers, sports and related workers, all other	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
593	25-1062 Area, ethnic, and cultural studies teachers, postsecondary	Doctor's degree	ND	ND	ND	ND	ND	ND	ND
594	27-3042 Technical writers	Bachelor's degree	19	19	0	0.2	\$21.53	\$44,770	243
595	51-4035 Milling and planing machine setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
596	19-4051 Nuclear technicians	Associate's degree	ND	ND	ND	ND	ND	ND	ND
597	25-1067 Sociology teachers, postsecondary	Doctor's degree	14	14	0	0.3	⁴	\$59,570	324
598	25-1051 Atmospheric, earth, marine, and space sciences teachers, postsecondary	Doctor's degree	ND	ND	ND	ND	ND	ND	ND
599	53-6041 Traffic technicians	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND

Rank	SOC ¹ Code and Occupation Title	Typical Education Requirements ²	Projected				% of		
			Base 2000	2004	Number	Percent	Hourly	Annual	Poverty ³
667	47-5042 Mine cutting and channeling machine operators	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
668	19-2012 Physicists	Doctor's degree	ND	ND	ND	ND	ND	ND	ND
669	51-7099 Woodworkers, all other	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
670	27-4012 Broadcast technicians	Postsecondary vocational award	ND	ND	ND	ND	ND	ND	ND
671	51-3092 Food batchmakers	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
672	51-4071 Foundry mold and coremakers	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
673	23-2093 Title examiners, abstractors, and searchers	Moderate-term on-the-job training	188	188	0	-0.2	\$12.54	\$26,080	142
674	45-4021 Fallers	Moderate-term on-the-job training	ND	ND	ND	ND	\$14.31	\$29,760	162
675	27-4011 Audio and video equipment technicians	Long-term on-the-job training	29	28	0	-1.2	\$8.37	\$17,420	95
676	43-9041 Insurance claims and policy processing clerks	Moderate-term on-the-job training	276	276	0	-0.1	\$10.50	\$21,850	119
677	17-2131 Materials engineers	Bachelor's degree	23	23	0	-1.6	\$31.88	\$66,300	360
678	47-5061 Roof bolters, mining	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
679	19-4011 Agricultural and food science technicians	Associate's degree	ND	ND	ND	ND	ND	ND	ND
680	27-2012 Producers and directors	Bachelor's degree plus work experience	ND	ND	ND	ND	ND	ND	ND
681	51-4194 Tool grinders, filers, and sharpeners	Moderate-term on-the-job training	17	16	0	-2.4	\$15.26	\$31,740	173
682	13-1031 Claims adjusters, examiners, and investigators	Long-term on-the-job training	77	76	0	-0.6	\$21.20	\$44,090	240
683	53-7033 Loading machine operators, underground mining	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
684	17-3099 All other drafters, engineering, and mapping technicians	Associate's degree	211	211	0	-0.2	\$20.28	\$42,180	229
685	45-2091 Agricultural equipment operators	Short-term on-the-job training	24	24	-1	-2.1	\$11.63	\$24,190	131
686	49-9051 Electrical power-line installers and repairers	Long-term on-the-job training	529	528	-1	-0.1	\$18.47	\$38,420	209
687	43-5111 Weighers, measurers, checkers, and samplers, recordkeeping	Short-term on-the-job training	85	84	-1	-0.8	\$10.80	\$22,460	122
688	27-4099 Media and communication equipment workers, all other	Moderate-term on-the-job training	ND	ND	ND	ND	\$12.51	\$26,020	141
689	51-9192 Cleaning, washing, and metal pickling equipment operators and tenders	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
690	49-2095 Electrical and electronics repairers, powerhouse, substation, and relay	Postsecondary vocational award	93	92	-1	-0.9	\$24.58	\$51,130	278
691	51-8012 Power distributors and dispatchers	Long-term on-the-job training	56	55	-1	-1.6	\$22.24	\$46,260	251
692	13-2053 Insurance underwriters	Bachelor's degree	47	46	-1	-1.9	\$19.64	\$40,840	222
693	19-4041 Geological and petroleum technicians	Associate's degree	ND	ND	ND	ND	\$19.58	\$40,730	221
694	51-3093 Food cooking machine operators and tenders	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
695	47-5041 Continuous mining machine operators	Moderate-term on-the-job training	64	63	-1	-1.5	\$21.80	\$45,350	246
696	45-2041 Graders and sorters, agricultural products	Work experience in a related occupation	ND	ND	ND	ND	ND	ND	ND
697	51-9032 Cutting and slicing machine setters, operators, and tenders	Moderate-term on-the-job training	49	48	-1	-2.5	\$10.49	\$21,810	119
698	51-9012 Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders	Moderate-term on-the-job training	219	218	-1	-0.6	\$19.04	\$39,610	215
699	15-1099 Computer specialists, all other	Postsecondary vocational award	192	190	-1	-0.8	\$19.12	\$39,760	216
700	51-4191 Heat treating equipment setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
701	53-7063 Machine feeders and offbearers	Short-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
702	51-9023 Mixing and blending machine setters, operators, and tenders	Moderate-term on-the-job training	124	122	-2	-1.6	\$13.69	\$28,480	155
703	49-9041 Industrial machinery mechanics	Long-term on-the-job training	964	962	-2	-0.2	\$22.05	\$45,870	249
704	45-4022 Logging equipment operators	Moderate-term on-the-job training	79	77	-2	-2.7	\$15.13	\$31,480	171
705	51-7042 Woodworking machine setters, operators, and tenders, except sawing	Moderate-term on-the-job training	100	98	-2	-2.2	\$9.12	\$18,980	103
706	51-4033 Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	Moderate-term on-the-job training	110	107	-2	-2.0	\$8.58	\$17,850	97
707	51-7041 Sawing machine setters, operators, and tenders, wood	Moderate-term on-the-job training	107	105	-2	-2.2	\$13.08	\$27,200	148
708	51-9051 Furnace, kiln, oven, drier, and kettle operators and tenders	Moderate-term on-the-job training	121	119	-3	-2.1	\$18.78	\$39,060	212
709	53-3099 Motor vehicle operators, all other	Short-term on-the-job training	172	168	-3	-2.0	\$14.59	\$30,350	165
710	51-9111 Packaging and filling machine operators and tenders	Short-term on-the-job training	353	349	-4	-1.2	\$11.90	\$24,750	135
711	51-8013 Power plant operators	Long-term on-the-job training	244	239	-4	-1.8	\$24.42	\$50,790	276
712	51-8091 Chemical plant and system operators	Long-term on-the-job training	ND	ND	ND	ND	ND	ND	ND
	Total		217,507	221,096	3,589	1.6	\$13.76	\$28,806	157

¹Standard Occupational Classification. For more information about the SOC system, see U.S. Office of Management and Budget, *Standard Occupational Classification Manual*, 2000.

²U.S. Department of Labor, Bureau of Labor Statistics, *Education and Training Data*, n.d., <<http://www.bls.gov/emp/empeted1.htm>> (August 4, 2003).

³Based on \$18,400 annually for a family of four (100 percent of the 2003 Federal poverty level). U.S. Department of Health and Human Services, *The 2003 HHS Poverty Guidelines*, n.d., <<http://aspe.hhs.gov/poverty/03poverty.htm>> (July 8, 2003).

ND - Not disclosable due to confidentiality.