

**APPENDIX: Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title	Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
	Number		Percent distribution		Number	Percent	
	2006	2016	2006	2016			
00-0000 Total, all occupations .....	150,620	166,220	100.0	100.0	15,600	10.4	50,732
11-1300 Management, business, and financial occupations <sup>2</sup> .....	15,397	16,993	10.2	10.2	1,596	10.4	4,575
11-0000 Management occupations.....	8,789	9,322	5.8	5.6	533	6.1	2,373
11-1000 Top executives.....	2,187	2,222	1.5	1.3	35	1.6	572
11-1011 Chief executives.....	402	410	.3	.2	8	2.1	118
11-1021 General and operations managers .....	1,720	1,746	1.1	1.1	26	1.5	441
11-1031 Legislators.....	65	65	.0	.0	1	1.0	13
11-2000 Advertising, marketing, promotions, public relations, and sales managers .....	583	651	.4	.4	68	11.7	198
11-2011 Advertising and promotions managers .....	47	50	.0	.0	3	6.2	13
11-2020 Marketing and sales managers.....	486	542	.3	.3	57	11.7	165
11-2021 Marketing managers .....	167	192	.1	.1	24	14.4	61
11-2022 Sales managers .....	318	351	.2	.2	33	10.2	103
11-2031 Public relations managers.....	50	58	.0	.0	8	16.9	20
11-3000 Operations specialties managers .....	1,474	1,628	1.0	1.0	154	10.5	473
11-3011 Administrative services managers .....	247	276	.2	.2	29	11.7	94
11-3021 Computer and information systems managers .....	264	307	.2	.2	43	16.4	86
11-3031 Financial managers.....	506	570	.3	.3	64	12.6	138
11-3040 Human resources managers.....	136	153	.1	.1	17	12.5	43
11-3041 Compensation and benefits managers .....	49	55	.0	.0	6	12.0	15
11-3042 Training and development managers.....	29	33	.0	.0	5	15.6	10
11-3049 Human resources managers, all other.....	58	65	.0	.0	7	11.4	18
11-3051 Industrial production managers.....	157	148	.1	.1	-9	-5.9	54
11-3061 Purchasing managers .....	70	72	.0	.0	2	3.4	22
11-3071 Transportation, storage, and distribution managers .....	94	102	.1	.1	8	8.4	36
11-9000 Other management occupations.....	4,545	4,821	3.0	2.9	276	6.1	1,130
11-9010 Agricultural managers .....	1,317	1,230	.9	.7	-87	-6.6	117
11-9011 Farm, ranch, and other agricultural managers .....	258	261	.2	.2	3	1.1	22
11-9012 Farmers and ranchers.....	1,058	969	.7	.6	-90	-8.5	95
11-9021 Construction managers.....	487	564	.3	.3	77	15.7	152
11-9030 Education administrators .....	443	496	.3	.3	53	11.9	176
11-9031 Education administrators, preschool and child care center/program .....	56	69	.0	.0	13	23.5	29
11-9032 Education administrators, elementary and secondary school .....	226	243	.1	.1	17	7.6	80
11-9033 Education administrators, postsecondary .....	131	150	.1	.1	19	14.2	55
11-9039 Education administrators, all other.....	30	33	.0	.0	4	12.6	12
11-9041 Engineering managers.....	187	201	.1	.1	14	7.3	51
11-9051 Food service managers .....	350	368	.2	.2	18	5.0	100
11-9061 Funeral directors .....	29	32	.0	.0	4	12.5	10
11-9071 Gaming managers .....	4	5	.0	.0	1	24.4	2
11-9081 Lodging managers .....	71	80	.0	.0	9	12.2	24
11-9111 Medical and health services managers.....	262	305	.2	.2	43	16.4	92
11-9121 Natural sciences managers .....	41	45	.0	.0	5	11.4	14
11-9131 Postmasters and mail superintendents.....	26	26	.0	.0	0	-8	6
11-9141 Property, real estate, and community association managers .....	329	379	.2	.2	50	15.1	95
11-9151 Social and community service managers .....	130	162	.1	.1	32	24.7	57
11-9199 Managers, all other .....	870	930	.6	.6	60	6.9	233
13-0000 Business and financial operations occupations .....	6,608	7,671	4.4	4.6	1,063	16.1	2,203
13-1000 Business operations specialists.....	3,860	4,466	2.6	2.7	606	15.7	1,276
13-1011 Agents and business managers of artists, performers, and athletes .....	25	27	.0	.0	2	9.6	9
13-1020 Buyers and purchasing agents .....	460	459	.3	.3	-1	-3	99
13-1021 Purchasing agents and buyers, farm products .....	16	15	.0	.0	-1	-8.6	2
13-1022 Wholesale and retail buyers, except farm products .....	157	156	.1	.1	0	-1	35
13-1023 Purchasing agents, except wholesale, retail, and farm products .....	287	288	.2	.2	0	.1	62
13-1030 Claims adjusters, appraisers, examiners, and investigators.....	319	347	.2	.2	29	9.1	110
13-1031 Claims adjusters, examiners, and investigators.....	305	332	.2	.2	27	8.9	105

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
13-1032	Insurance appraisers, auto damage.....	13	15	0.0	0.0	2	12.5	5
13-1041	Compliance officers, except agriculture, construction, health and safety, and transportation .....	237	249	.2	.1	12	4.9	39
13-1051	Cost estimators .....	221	262	.1	.2	41	18.5	86
13-1061	Emergency management specialists .....	12	13	.0	.0	1	12.3	3
13-1070	Human resources, training, and labor relations specialists.....	732	862	.5	.5	130	17.8	288
13-1071	Employment, recruitment, and placement specialists.....	197	233	.1	.1	36	18.4	79
13-1072	Compensation, benefits, and job analysis specialists.....	110	130	.1	.1	20	18.4	44
13-1073	Training and development specialists.....	210	249	.1	.1	38	18.3	84
13-1079	Human resources, training, and labor relations specialists, all other.....	214	250	.1	.2	35	16.5	81
13-1081	Logisticians .....	83	98	.1	.1	14	17.3	27
13-1111	Management analysts.....	678	827	.5	.5	149	21.9	264
13-1121	Meeting and convention planners.....	51	61	.0	.0	10	19.9	20
13-1199	Business operation specialists, all other.....	1,043	1,261	.7	.8	218	20.9	330
13-2000	Financial specialists.....	2,748	3,204	1.8	1.9	457	16.6	927
13-2011	Accountants and auditors .....	1,274	1,500	.8	.9	226	17.7	450
13-2021	Appraisers and assessors of real estate.....	101	118	.1	.1	17	16.9	37
13-2031	Budget analysts .....	62	66	.0	.0	4	7.1	19
13-2041	Credit analysts .....	67	68	.0	.0	1	1.9	27
13-2050	Financial analysts and advisors .....	501	655	.3	.4	153	30.6	210
13-2051	Financial analysts.....	221	295	.1	.2	75	33.8	87
13-2052	Personal financial advisors .....	176	248	.1	.1	72	41.0	88
13-2053	Insurance underwriters.....	104	111	.1	.1	7	6.3	35
13-2061	Financial examiners .....	26	28	.0	.0	3	10.7	7
13-2070	Loan counselors and officers .....	406	450	.3	.3	44	10.8	88
13-2071	Loan counselors.....	33	35	.0	.0	1	4.0	5
13-2072	Loan officers.....	373	415	.2	.2	43	11.5	83
13-2080	Tax examiners, collectors, preparers, and revenue agents .....	181	174	.1	.1	-7	-3.7	40
13-2081	Tax examiners, collectors, and revenue agents.....	81	82	.1	.0	2	2.1	22
13-2082	Tax preparers .....	100	92	.1	.1	-8	-8.4	18
13-2099	Financial specialists, all other .....	129	144	.1	.1	15	11.8	50
15-2900	Professional and related occupations <sup>3</sup> .....	29,819	34,790	19.8	20.9	4,970	16.7	11,067
15-0000	Computer and mathematical science occupations .....	3,313	4,135	2.2	2.5	822	24.8	1,568
15-1000	Computer specialists.....	3,200	4,006	2.1	2.4	807	25.2	1,524
15-1011	Computer and information scientists, research.....	25	31	.0	.0	5	21.5	12
15-1021	Computer programmers.....	435	417	.3	.3	-18	-4.1	91
15-1030	Computer software engineers .....	857	1,181	.6	.7	324	37.9	449
15-1031	Computer software engineers, applications.....	507	733	.3	.4	226	44.6	300
15-1032	Computer software engineers, systems software .....	350	449	.2	.3	99	28.2	150
15-1041	Computer support specialists.....	552	624	.4	.4	71	12.9	242
15-1051	Computer systems analysts.....	504	650	.3	.4	146	29.0	280
15-1061	Database administrators .....	119	154	.1	.1	34	28.6	47
15-1071	Network and computer systems administrators .....	309	393	.2	.2	83	26.9	154
15-1081	Network systems and data communications analysts .....	262	402	.2	.2	140	53.4	193
15-1099	Computer specialists, all other.....	136	157	.1	.1	21	15.1	57
15-2000	Mathematical science occupations .....	114	129	.1	.1	15	13.2	44
15-2011	Actuaries .....	18	22	.0	.0	4	23.7	11
15-2021	Mathematicians.....	3	3	.0	.0	0	10.2	1
15-2031	Operations research analysts .....	58	65	.0	.0	6	10.6	18
15-2041	Statisticians.....	22	24	.0	.0	2	8.5	9
15-2090	Miscellaneous mathematical science occupations .....	12	14	.0	.0	2	19.8	5
15-2091	Mathematical technicians.....	1	1	.0	.0	0	7.9	0
15-2099	Mathematical scientists, all other .....	10	13	.0	.0	2	21.3	5
17-0000	Architecture and engineering occupations.....	2,583	2,852	1.7	1.7	268	10.4	852

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
17-1000	Architects, surveyors, and cartographers .....	232	277	0.2	0.2	45	19.2	97
17-1010	Architects, except naval .....	160	188	.1	.1	28	17.5	58
17-1011	Architects, except landscape and naval .....	132	155	.1	.1	23	17.7	48
17-1012	Landscape architects .....	28	32	.0	.0	5	16.4	10
17-1020	Surveyors, cartographers, and photogrammetrists .....	72	89	.0	.1	17	23.1	39
17-1021	Cartographers and photogrammetrists .....	12	15	.0	.0	2	20.3	6
17-1022	Surveyors .....	60	74	.0	.0	14	23.7	33
17-2000	Engineers .....	1,512	1,671	1.0	1.0	160	10.6	505
17-2011	Aerospace engineers .....	90	99	.1	.1	9	10.2	27
17-2021	Agricultural engineers .....	3	3	.0	.0	0	8.6	1
17-2031	Biomedical engineers .....	14	17	.0	.0	3	21.1	6
17-2041	Chemical engineers .....	30	33	.0	.0	2	7.9	10
17-2051	Civil engineers .....	256	302	.2	.2	46	18.0	114
17-2061	Computer hardware engineers .....	79	82	.1	.0	4	4.6	28
17-2070	Electrical and electronics engineers .....	291	306	.2	.2	15	5.0	82
17-2071	Electrical engineers .....	153	163	.1	.1	10	6.3	45
17-2072	Electronics engineers, except computer .....	138	143	.1	.1	5	3.7	37
17-2081	Environmental engineers .....	54	68	.0	.0	14	25.4	30
17-2110	Industrial engineers, including health and safety .....	227	270	.2	.2	43	19.1	98
17-2111	Health and safety engineers, except mining safety engineers and inspectors .....	25	28	.0	.0	2	9.6	9
17-2112	Industrial engineers .....	201	242	.1	.1	41	20.3	89
17-2121	Marine engineers and naval architects .....	9	10	.0	.0	1	10.9	3
17-2131	Materials engineers .....	22	22	.0	.0	1	4.0	6
17-2141	Mechanical engineers .....	226	235	.1	.1	9	4.2	58
17-2151	Mining and geological engineers, including mining safety engineers .....	7	8	.0	.0	1	10.0	2
17-2161	Nuclear engineers .....	15	16	.0	.0	1	7.2	5
17-2171	Petroleum engineers .....	17	18	.0	.0	1	5.2	5
17-2199	Engineers, all other .....	170	180	.1	.1	9	5.5	29
17-3000	Drafters, engineering, and mapping technicians	840	904	.6	.5	64	7.6	250
17-3010	Drafters .....	253	268	.2	.2	15	6.0	88
17-3011	Architectural and civil drafters .....	116	123	.1	.1	7	6.1	40
17-3012	Electrical and electronics drafters .....	35	36	.0	.0	1	4.1	11
17-3013	Mechanical drafters .....	78	82	.1	.0	4	5.2	26
17-3019	Drafters, all other .....	25	27	.0	.0	3	11.0	10
17-3020	Engineering technicians, except drafters .....	511	545	.3	.3	34	6.7	134
17-3021	Aerospace engineering and operations technicians	9	9	.0	.0	1	10.4	3
17-3022	Civil engineering technicians .....	91	100	.1	.1	9	10.2	27
17-3023	Electrical and electronic engineering technicians .....	170	177	.1	.1	6	3.6	39
17-3024	Electro-mechanical technicians .....	16	16	.0	.0	0	2.7	3
17-3025	Environmental engineering technicians .....	21	26	.0	.0	5	24.8	9
17-3026	Industrial engineering technicians .....	75	82	.0	.0	7	9.9	22
17-3027	Mechanical engineering technicians .....	48	51	.0	.0	3	6.4	12
17-3029	Engineering technicians, except drafters, all other ..	82	83	.1	.1	2	2.0	18
17-3031	Surveying and mapping technicians .....	76	90	.1	.1	15	19.4	29
19-0000	Life, physical, and social science occupations .....	1,407	1,610	.9	1.0	203	14.4	538
19-1000	Life scientists .....	258	292	.2	.2	33	12.8	103
19-1010	Agricultural and food scientists .....	33	36	.0	.0	3	9.3	13
19-1011	Animal scientists .....	5	6	.0	.0	1	9.9	2
19-1012	Food scientists and technologists .....	12	13	.0	.0	1	10.4	5
19-1013	Soil and plant Scientists .....	16	17	.0	.0	1	8.4	6
19-1020	Biological scientists .....	87	95	.1	.1	8	9.2	26
19-1021	Biochemists and biophysicists .....	20	23	.0	.0	3	15.9	7
19-1022	Microbiologists .....	17	19	.0	.0	2	11.2	5
19-1023	Zoologists and wildlife biologists .....	20	22	.0	.0	2	8.7	6
19-1029	Biological scientists, all other .....	29	30	.0	.0	1	3.7	7
19-1030	Conservation scientists and foresters .....	33	35	.0	.0	2	5.3	11
19-1031	Conservation scientists .....	20	21	.0	.0	1	5.3	7
19-1032	Foresters .....	13	14	.0	.0	1	5.2	5
19-1040	Medical scientists .....	92	110	.1	.1	18	19.9	47
19-1041	Epidemiologists .....	5	5	.0	.0	1	13.6	2

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
19-1042	Medical scientists, except epidemiologists.....	87	105	0.1	0.1	18	20.2	45
19-1099	Life scientists, all other.....	14	16	.0	.0	2	15.3	6
19-2000	Physical scientists.....	267	309	.2	.2	42	15.7	109
19-2010	Astronomers and physicists.....	18	19	.0	.0	1	6.7	6
19-2011	Astronomers.....	2	2	.0	.0	0	5.5	0
19-2012	Physicists.....	17	18	.0	.0	1	6.8	5
19-2021	Atmospheric and space scientists.....	9	10	.0	.0	1	10.6	3
19-2030	Chemists and materials scientists.....	93	102	.1	.1	8	9.1	33
19-2031	Chemists.....	84	91	.1	.1	8	9.1	30
19-2032	Materials scientists.....	10	11	.0	.0	1	8.7	3
19-2040	Environmental scientists and geoscientists.....	123	152	.1	.1	30	24.2	61
19-2041	Environmental scientists and specialists, including health.....	83	104	.1	.1	21	25.1	42
19-2042	Geoscientists, except hydrologists and geographers.....	31	38	.0	.0	7	21.9	15
19-2043	Hydrologists.....	8	10	.0	.0	2	24.3	4
19-2099	Physical scientists, all other.....	24	25	.0	.0	1	6.2	6
19-3000	Social scientists and related occupations.....	530	616	.4	.4	86	16.3	160
19-3011	Economists.....	15	16	.0	.0	1	7.5	5
19-3020	Market and survey researchers.....	261	313	.2	.2	51	19.7	69
19-3021	Market research analysts.....	234	281	.2	.2	47	20.1	63
19-3022	Survey researchers.....	27	31	.0	.0	4	15.9	6
19-3030	Psychologists.....	166	191	.1	.1	25	15.3	51
19-3031	Clinical, counseling, and school psychologists.....	152	176	.1	.1	24	15.8	47
19-3032	Industrial-organizational psychologists.....	2	2	.0	.0	0	21.3	1
19-3039	Psychologists, all other.....	12	13	.0	.0	1	7.9	3
19-3041	Sociologists.....	4	4	.0	.0	0	10.0	1
19-3051	Urban and regional planners.....	34	39	.0	.0	5	14.5	15
19-3090	Miscellaneous social scientists and related workers.....	51	54	.0	.0	3	6.1	19
19-3091	Anthropologists and archeologists.....	6	6	.0	.0	1	15.0	3
19-3092	Geographers.....	1	1	.0	.0	0	6.1	0
19-3093	Historians.....	3	4	.0	.0	0	7.8	1
19-3094	Political scientists.....	5	5	.0	.0	0	5.3	2
19-3099	Social scientists and related workers, all other.....	36	38	.0	.0	2	4.7	13
19-4000	Life, physical, and social science technicians.....	351	393	.2	.2	42	11.8	165
19-4011	Agricultural and food science technicians.....	26	28	.0	.0	2	6.6	6
19-4021	Biological technicians.....	79	91	.1	.1	13	16.0	41
19-4031	Chemical technicians.....	61	65	.0	.0	4	5.8	24
19-4041	Geological and petroleum technicians.....	12	13	.0	.0	1	8.6	5
19-4051	Nuclear technicians.....	7	7	.0	.0	0	6.7	3
19-4061	Social science research assistants.....	18	20	.0	.0	2	12.4	9
19-4090	Other life, physical, and social science technicians.....	150	170	.1	.1	20	13.4	78
19-4091	Environmental science and protection technicians, including health.....	37	47	.0	.0	10	27.9	24
19-4092	Forensic science technicians.....	13	17	.0	.0	4	30.7	9
19-4093	Forest and conservation technicians.....	34	33	.0	.0	-1	-2.0	13
19-4099	Life, physical, and social science technicians, all other.....	66	73	.0	.0	7	9.9	32
21-0000	Community and social services occupations.....	2,386	2,927	1.6	1.8	541	22.7	945
21-1000	Counselors, social workers, and other community and social service specialists.....	1,843	2,280	1.2	1.4	438	23.8	760
21-1010	Counselors.....	635	771	.4	.5	136	21.3	261
21-1011	Substance abuse and behavioral disorder counselors.....	83	112	.1	.1	29	34.4	45
21-1012	Educational, vocational, and school counselors.....	260	292	.2	.2	33	12.6	84
21-1013	Marriage and family therapists.....	25	32	.0	.0	7	29.8	12
21-1014	Mental health counselors.....	100	130	.1	.1	30	30.0	50
21-1015	Rehabilitation counselors.....	141	173	.1	.1	32	23.0	60
21-1019	Counselors, all other.....	27	32	.0	.0	5	16.6	10
21-1020	Social workers.....	595	727	.4	.4	132	22.2	258
21-1021	Child, family, and school social workers.....	282	336	.2	.2	54	19.1	114
21-1022	Medical and public health social workers.....	124	154	.1	.1	30	24.2	56

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		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
21-1023	Mental health and substance abuse social workers	122	159	0.1	0.1	37	29.9	62
21-1029	Social workers, all other .....	66	78	.0	.0	12	17.8	26
21-1090	Miscellaneous community and social service specialists.....	613	783	.4	.5	170	27.7	241
21-1091	Health educators.....	62	78	.0	.0	16	26.2	23
21-1092	Probation officers and correctional treatment specialists.....	94	105	.1	.1	10	10.9	21
21-1093	Social and human service assistants.....	339	453	.2	.3	114	33.6	153
21-1099	Community and social service specialists, all other.....	118	148	.1	.1	30	25.1	43
21-2000	Religious workers.....	543	646	.4	.4	104	19.1	185
21-2011	Clergy.....	404	481	.3	.3	76	18.9	130
21-2021	Directors, religious activities and education.....	99	119	.1	.1	20	19.7	42
21-2099	Religious workers, all other.....	39	47	.0	.0	8	19.7	12
23-0000	Legal occupations.....	1,222	1,367	.8	.8	145	11.8	360
23-1000	Lawyers, judges, and related workers .....	812	898	.5	.5	86	10.6	240
23-1011	Lawyers.....	761	844	.5	.5	84	11.0	228
23-1020	Judges, magistrates, and other judicial workers.....	51	53	.0	.0	2	4.5	12
23-1021	Administrative law judges, adjudicators, and hearing officers.....	15	15	.0	.0	0	.1	3
23-1022	Arbitrators, mediators, and conciliators.....	8	9	.0	.0	1	10.6	3
23-1023	Judges, magistrate judges, and magistrates.....	27	29	.0	.0	1	5.1	7
23-2000	Legal support workers .....	410	469	.3	.3	59	14.3	120
23-2011	Paralegals and legal assistants .....	238	291	.2	.2	53	22.2	84
23-2090	Miscellaneous legal support workers .....	173	179	.1	.1	6	3.4	36
23-2091	Court reporters.....	19	24	.0	.0	5	24.6	8
23-2092	Law clerks .....	37	36	.0	.0	0	-1.2	6
23-2093	Title examiners, abstractors, and searchers .....	69	68	.0	.0	-1	-1.2	11
23-2099	Legal support workers, all other.....	48	50	.0	.0	2	5.1	10
25-0000	Education, training, and library occupations.....	9,034	10,298	6.0	6.2	1,265	14.0	3,050
25-1000	Postsecondary teachers .....	1,672	2,054	1.1	1.2	382	22.9	662
25-2000	Primary, secondary, and special education teachers.....	4,413	4,963	2.9	3.0	550	12.5	1,578
25-2010	Preschool and kindergarten teachers .....	607	750	.4	.5	143	23.5	243
25-2011	Preschool teachers, except special education .....	437	552	.3	.3	115	26.3	187
25-2012	Kindergarten teachers, except special education .....	170	198	.1	.1	28	16.3	56
25-2020	Elementary and middle school teachers.....	2,214	2,496	1.5	1.5	282	12.7	766
25-2021	Elementary school teachers, except special education.....	1,540	1,749	1.0	1.1	209	13.6	545
25-2022	Middle school teachers, except special and vocational education .....	658	732	.4	.4	74	11.2	217
25-2023	Vocational education teachers, middle school .....	16	15	.0	.0	-1	-5.1	3
25-2030	Secondary school teachers.....	1,133	1,187	.8	.7	54	4.8	396
25-2031	Secondary school teachers, except special and vocational education .....	1,038	1,096	.7	.7	59	5.6	368
25-2032	Vocational education teachers, secondary school .....	96	91	.1	.1	-4	-4.6	28
25-2040	Special education teachers.....	459	530	.3	.3	71	15.5	173
25-2041	Special education teachers, preschool, kindergarten, and elementary school.....	219	262	.1	.2	43	19.6	92
25-2042	Special education teachers, middle school.....	102	118	.1	.1	16	15.8	39
25-2043	Special education teachers, secondary school.....	138	150	.1	.1	12	8.5	42
25-3000	Other teachers and instructors .....	1,078	1,214	.7	.7	136	12.6	251
25-3011	Adult literacy, remedial education, and GED teachers and instructors.....	76	87	.1	.1	11	14.2	19
25-3021	Self-enrichment education teachers .....	261	322	.2	.2	60	23.1	88
25-3099	Teachers and instructors, all other .....	741	805	.5	.5	64	8.7	144
25-4000	Librarians, curators, and archivists.....	307	328	.2	.2	21	6.9	135
25-4010	Archivists, curators, and museum technicians.....	27	33	.0	.0	5	18.3	17
25-4011	Archivists.....	6	7	.0	.0	1	14.4	4
25-4012	Curators .....	10	13	.0	.0	2	23.3	7
25-4013	Museum Technicians and Conservators .....	11	12	.0	.0	2	15.9	6
25-4021	Librarians .....	158	164	.1	.1	6	3.6	49
25-4031	Library technicians.....	121	132	.1	.1	10	8.5	69

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
25-9000	Other education, training, and library occupations	1,563	1,739	1.0	1.0	176	11.2	425
25-9011	Audio-visual collections specialists .....	7	6	.0	.0	-1	-13.8	1
25-9021	Farm and home management advisors .....	15	16	.0	.0	1	5.1	3
25-9031	Instructional coordinators .....	129	159	.1	.1	29	22.5	47
25-9041	Teacher assistants .....	1,312	1,449	.9	.9	137	10.4	350
25-9099	Education, training, and library workers, all other .....	99	110	.1	.1	10	10.5	24
27-0000	Arts, design, entertainment, sports, and media occupations .....	2,677	2,982	1.8	1.8	305	11.4	968
27-1000	Art and design occupations .....	821	905	.5	.5	84	10.2	303
27-1010	Artists and related workers .....	218	253	.1	.2	34	15.8	85
27-1011	Art directors .....	78	85	.1	.1	7	9.0	25
27-1012	Craft artists .....	9	10	.0	.0	1	8.0	3
27-1013	Fine artists, including painters, sculptors, and illustrators .....	30	33	.0	.0	3	9.9	10
27-1014	Multi-media artists and animators .....	87	110	.1	.1	23	25.8	43
27-1019	Artists and related workers, all other .....	14	15	.0	.0	1	8.4	4
27-1020	Designers .....	603	653	.4	.4	50	8.2	218
27-1021	Commercial and industrial designers .....	48	51	.0	.0	3	7.2	16
27-1022	Fashion designers .....	20	21	.0	.0	1	5.0	6
27-1023	Floral designers .....	87	79	.1	.0	-8	-8.9	23
27-1024	Graphic designers .....	261	286	.2	.2	26	9.8	95
27-1025	Interior designers .....	72	86	.0	.1	14	19.5	33
27-1026	Merchandise displayers and window trimmers .....	87	96	.1	.1	9	10.7	32
27-1027	Set and exhibit designers .....	12	14	.0	.0	2	17.8	5
27-1029	Designers, all other .....	16	18	.0	.0	2	11.8	6
27-2000	Entertainers and performers, sports and related occupations .....	798	897	.5	.5	100	12.5	307
27-2010	Actors, producers, and directors .....	163	182	.1	.1	18	11.3	60
27-2011	Actors .....	70	78	.0	.0	8	11.6	23
27-2012	Producers and directors .....	93	103	.1	.1	10	11.1	38
27-2020	Athletes, coaches, umpires, and related workers .....	253	291	.2	.2	38	15.1	103
27-2021	Athletes and sports competitors .....	18	21	.0	.0	3	19.2	8
27-2022	Coaches and scouts .....	217	249	.1	.1	32	14.7	87
27-2023	Umpires, referees, and other sports officials .....	19	22	.0	.0	3	16.0	8
27-2030	Dancers and choreographers .....	40	43	.0	.0	2	5.9	25
27-2031	Dancers .....	20	22	.0	.0	2	9.5	13
27-2032	Choreographers .....	20	21	.0	.0	0	2.4	12
27-2040	Musicians, singers, and related workers .....	264	293	.2	.2	29	10.8	82
27-2041	Music directors and composers .....	68	77	.0	.0	9	12.9	23
27-2042	Musicians and singers .....	196	216	.1	.1	20	10.1	60
27-2099	Entertainers and performers, sports and related workers, all other .....	77	89	.1	.1	12	15.8	37
27-3000	Media and communication occupations .....	764	847	.5	.5	83	10.8	245
27-3010	Announcers .....	71	66	.0	.0	-5	-6.9	24
27-3011	Radio and television announcers .....	59	54	.0	.0	-5	-8.3	20
27-3012	Public address system and other announcers .....	12	12	.0	.0	0	-2	4
27-3020	News analysts, reporters and correspondents .....	67	68	.0	.0	1	1.8	22
27-3021	Broadcast news analysts .....	8	8	.0	.0	0	6.0	3
27-3022	Reporters and correspondents .....	59	60	.0	.0	1	1.2	19
27-3031	Public relations specialists .....	243	286	.2	.2	43	17.6	61
27-3040	Writers and editors .....	306	336	.2	.2	30	9.7	105
27-3041	Editors .....	122	124	.1	.1	3	2.3	39
27-3042	Technical writers .....	49	59	.0	.0	10	19.5	24
27-3043	Writers and authors .....	135	153	.1	.1	17	12.8	42
27-3090	Miscellaneous media and communications workers .....	77	91	.1	.1	14	18.1	32
27-3091	Interpreters and translators .....	41	51	.0	.0	10	23.6	20
27-3099	Media and communication workers, all other .....	36	40	.0	.0	4	11.7	13
27-4000	Media and communication equipment occupations .....	294	332	.2	.2	38	13.0	113
27-4010	Broadcast and sound engineering technicians and radio operators .....	105	123	.1	.1	18	17.0	52
27-4011	Audio and video equipment technicians .....	50	62	.0	.0	12	24.2	28

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
27-4012	Broadcast technicians.....	38	42	0.0	0.0	5	12.1	17
27-4013	Radio operators.....	2	1	.0	.0	0	-16.3	1
27-4014	Sound engineering technicians.....	16	18	.0	.0	1	9.1	7
27-4021	Photographers.....	122	135	.1	.1	13	10.3	40
27-4030	Television, video, and motion picture camera operators and editors.....	47	53	.0	.0	6	12.0	15
27-4031	Camera operators, television, video, and motion picture.....	27	30	.0	.0	3	11.5	8
27-4032	Film and video editors.....	21	23	.0	.0	3	12.7	6
27-4099	Media and communication equipment workers, all other.....	19	21	.0	.0	2	10.2	7
29-0000	Healthcare practitioners and technical occupations.....	7,198	8,620	4.8	5.2	1,423	19.8	2,785
29-1000	Health diagnosing and treating practitioners.....	4,460	5,383	3.0	3.2	923	20.7	1,670
29-1011	Chiropractors.....	53	60	.0	.0	8	14.4	13
29-1020	Dentists.....	161	176	.1	.1	15	9.1	46
29-1021	Dentists, general.....	136	149	.1	.1	13	9.2	39
29-1022	Oral and maxillofacial surgeons.....	8	8	.0	.0	1	9.1	2
29-1023	Orthodontists.....	9	10	.0	.0	1	9.2	3
29-1024	Prosthodontists.....	1	1	.0	.0	0	10.7	0
29-1029	Dentists, all other specialists.....	7	7	.0	.0	0	6.8	2
29-1031	Dietitians and nutritionists.....	57	62	.0	.0	5	8.6	19
29-1041	Optometrists.....	33	36	.0	.0	4	11.3	9
29-1051	Pharmacists.....	243	296	.2	.2	53	21.7	95
29-1060	Physicians and surgeons.....	633	723	.4	.4	90	14.2	204
29-1071	Physician assistants.....	66	83	.0	.1	18	27.0	27
29-1081	Podiatrists.....	12	13	.0	.0	1	9.5	5
29-1111	Registered nurses.....	2,505	3,092	1.7	1.9	587	23.4	1,001
29-1120	Therapists.....	570	684	.4	.4	114	19.9	197
29-1121	Audiologists.....	12	13	.0	.0	1	9.8	3
29-1122	Occupational therapists.....	99	122	.1	.1	23	23.1	37
29-1123	Physical therapists.....	173	220	.1	.1	47	27.1	68
29-1124	Radiation therapists.....	15	18	.0	.0	4	24.8	6
29-1125	Recreational therapists.....	25	26	.0	.0	1	3.7	5
29-1126	Respiratory therapists.....	102	126	.1	.1	23	22.6	38
29-1127	Speech-language pathologists.....	110	121	.1	.1	12	10.6	33
29-1129	Therapists, all other.....	35	38	.0	.0	3	10.0	8
29-1131	Veterinarians.....	62	84	.0	.1	22	35.0	34
29-1199	Health diagnosing and treating practitioners, all other.....	65	73	.0	.0	8	11.8	19
29-2000	Health technologists and technicians.....	2,612	3,094	1.7	1.9	482	18.5	1,074
29-2010	Clinical laboratory technologists and technicians.....	319	362	.2	.2	43	13.6	92
29-2011	Medical and clinical laboratory technologists.....	167	188	.1	.1	21	12.4	46
29-2012	Medical and clinical laboratory technicians.....	151	174	.1	.1	23	15.0	46
29-2021	Dental hygienists.....	167	217	.1	.1	50	30.1	82
29-2030	Diagnostic related technologists and technicians.....	307	360	.2	.2	53	17.2	95
29-2031	Cardiovascular technologists and technicians.....	45	57	.0	.0	12	25.5	18
29-2032	Diagnostic medical sonographers.....	46	54	.0	.0	9	19.1	15
29-2033	Nuclear medicine technologists.....	20	23	.0	.0	3	14.8	6
29-2034	Radiologic technologists and technicians.....	196	226	.1	.1	30	15.1	56
29-2041	Emergency medical technicians and paramedics.....	201	240	.1	.1	39	19.2	62
29-2050	Health diagnosing and treating practitioner support technicians.....	549	692	.4	.4	143	26.1	313
29-2051	Dietetic technicians.....	25	29	.0	.0	4	14.8	11
29-2052	Pharmacy technicians.....	285	376	.2	.2	91	32.0	178
29-2053	Psychiatric technicians.....	62	60	.0	.0	-2	-3.3	19
29-2054	Respiratory therapy technicians.....	19	19	.0	.0	0	.9	6
29-2055	Surgical technologists.....	86	107	.1	.1	21	24.4	47
29-2056	Veterinary technologists and technicians.....	71	100	.0	.1	29	41.0	51
29-2061	Licensed practical and licensed vocational nurses.....	749	854	.5	.5	105	14.0	309
29-2071	Medical records and health information technicians.....	170	200	.1	.1	30	17.8	76
29-2081	Opticians, dispensing.....	66	72	.0	.0	6	8.7	27

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
29-2090	Miscellaneous health technologists and technicians ..	85	98	0.1	0.1	13	14.7	19
29-2091	Orthotists and prosthetists .....	6	6	.0	.0	1	11.8	1
29-2099	Healthcare technologists and technicians, all other .....	79	91	.1	.1	12	15.0	18
29-9000	Other healthcare practitioners and technical occupations.....	126	143	.1	.1	17	13.7	41
29-9010	Occupational health and safety specialists and technicians .....	56	61	.0	.0	5	9.3	16
29-9011	Occupational health and safety specialists .....	45	49	.0	.0	4	8.1	12
29-9012	Occupational health and safety technicians.....	10	12	.0	.0	2	14.6	4
29-9090	Miscellaneous health practitioners and technical workers.....	70	82	.0	.0	12	17.1	25
29-9091	Athletic trainers .....	17	21	.0	.0	4	24.3	7
29-9099	Healthcare practitioners and technical workers, all other .....	53	61	.0	.0	8	14.8	18
31-3900	Service occupations <sup>4</sup> .....	28,950	33,780	19.2	20.3	4,830	16.7	12,218
31-0000	Healthcare support occupations .....	3,724	4,721	2.5	2.8	997	26.8	1,399
31-1000	Nursing, psychiatric, and home health aides .....	2,296	2,944	1.5	1.8	647	28.2	853
31-1011	Home health aides .....	787	1,171	.5	.7	384	48.7	454
31-1012	Nursing aides, orderlies, and attendants .....	1,447	1,711	1.0	1.0	264	18.2	393
31-1013	Psychiatric aides .....	62	62	.0	.0	0	–1	6
31-2000	Occupational and physical therapist assistants and aides .....	140	179	.1	.1	39	27.9	58
31-2010	Occupational therapist assistants and aides.....	33	41	.0	.0	8	24.5	13
31-2011	Occupational therapist assistants .....	25	31	.0	.0	6	25.4	10
31-2012	Occupational therapist aides.....	8	10	.0	.0	2	21.9	3
31-2020	Physical therapist assistants and aides .....	107	137	.1	.1	31	28.9	44
31-2021	Physical therapist assistants .....	60	80	.0	.0	20	32.4	27
31-2022	Physical therapist aides .....	46	58	.0	.0	11	24.4	17
31-9000	Other healthcare support occupations.....	1,287	1,598	.9	1.0	311	24.2	489
31-9011	Massage therapists.....	118	142	.1	.1	24	20.3	37
31-9090	Miscellaneous healthcare support occupations .....	1,170	1,457	.8	.9	287	24.5	452
31-9091	Dental assistants.....	280	362	.2	.2	82	29.2	130
31-9092	Medical assistants.....	417	565	.3	.3	148	35.4	199
31-9093	Medical equipment preparers.....	45	52	.0	.0	6	14.2	12
31-9094	Medical transcriptionists.....	98	112	.1	.1	13	13.5	26
31-9095	Pharmacy aides .....	50	45	.0	.0	–6	–11.1	6
31-9096	Veterinary assistants and laboratory animal caretakers .....	75	86	.0	.1	12	15.7	21
31-9099	Healthcare support workers, all other .....	204	236	.1	.1	32	15.6	57
33-0000	Protective service occupations .....	3,163	3,616	2.1	2.2	453	14.3	1,327
33-1000	First-line supervisors/managers, protective service workers .....	233	260	.2	.2	26	11.4	91
33-1010	First-line supervisors/managers, law enforcement workers.....	133	146	.1	.1	13	10.2	53
33-1011	First-line supervisors/managers of correctional officers.....	40	45	.0	.0	5	12.5	16
33-1012	First-line supervisors/managers of police and detectives .....	93	102	.1	.1	9	9.2	38
33-1021	First-line supervisors/managers of fire fighting and prevention workers.....	52	58	.0	.0	6	11.5	22
33-1099	First-line supervisors/managers, protective service workers, all other.....	48	55	.0	.0	7	14.5	15
33-2000	Fire fighting and prevention workers.....	308	345	.2	.2	37	12.0	147
33-2011	Fire fighters .....	293	328	.2	.2	35	12.1	142
33-2020	Fire inspectors .....	16	17	.0	.0	2	10.0	5
33-2021	Fire inspectors and investigators .....	14	15	.0	.0	2	11.0	5
33-2022	Forest fire inspectors and prevention specialists .....	2	2	.0	.0	0	2.1	0
33-3000	Law enforcement workers.....	1,239	1,406	.8	.8	167	13.5	475
33-3010	Bailiffs, correctional officers, and jailers.....	460	537	.3	.3	77	16.6	182
33-3011	Bailiffs.....	19	21	.0	.0	2	11.2	6
33-3012	Correctional officers and jailers.....	442	516	.3	.3	75	16.9	175

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
33-3021	Detectives and criminal investigators.....	106	125	0.1	0.1	18	17.3	42
33-3031	Fish and game wardens.....	8	8	.0	.0	0	-.2	2
33-3041	Parking enforcement workers.....	11	12	.0	.0	1	12.3	4
33-3050	Police officers.....	654	724	.4	.4	70	10.8	245
33-3051	Police and sheriff's patrol officers.....	648	719	.4	.4	70	10.8	243
33-3052	Transit and railroad police.....	6	6	.0	.0	0	6.4	2
33-9000	Other protective service workers.....	1,382	1,605	.9	1.0	223	16.1	615
33-9011	Animal control workers.....	15	17	.0	.0	2	12.5	5
33-9021	Private detectives and investigators.....	52	61	.0	.0	9	18.2	19
33-9030	Security guards and gaming surveillance officers.....	1,049	1,227	.7	.7	178	17.0	391
33-9031	Gaming surveillance officers and gaming investigators.....	9	12	.0	.0	3	33.6	5
33-9032	Security guards.....	1,040	1,216	.7	.7	175	16.9	387
33-9090	Miscellaneous protective service workers.....	266	299	.2	.2	33	12.4	199
33-9091	Crossing guards.....	69	71	.0	.0	1	1.9	21
33-9092	Lifeguards, ski patrol, and other recreational protective service workers.....	114	136	.1	.1	21	18.7	106
33-9099	Protective service workers, all other.....	83	93	.1	.1	10	12.6	72
35-0000	Food preparation and serving related occupations.....	11,352	12,789	7.5	7.7	1,436	12.7	5,382
35-1000	Supervisors, food preparation and serving workers.....	932	1,033	.6	.6	101	10.9	177
35-1011	Chefs and head cooks.....	115	124	.1	.1	9	7.6	23
35-1012	First-line supervisors/managers of food preparation and serving workers.....	817	909	.5	.5	92	11.3	154
35-2000	Cooks and food preparation workers.....	2,998	3,340	2.0	2.0	342	11.4	1,223
35-2010	Cooks.....	2,097	2,301	1.4	1.4	204	9.7	772
35-2011	Cooks, fast food.....	629	681	.4	.4	52	8.3	223
35-2012	Cooks, institution and cafeteria.....	401	445	.3	.3	43	10.9	152
35-2013	Cooks, private household.....	5	5	.0	.0	0	8.8	2
35-2014	Cooks, restaurant.....	850	948	.6	.6	98	11.5	328
35-2015	Cooks, short order.....	195	205	.1	.1	9	4.8	62
35-2019	Cooks, all other.....	16	16	.0	.0	1	3.4	5
35-2021	Food preparation workers.....	902	1,040	.6	.6	138	15.3	451
35-3000	Food and beverage serving workers.....	6,081	6,927	4.0	4.2	846	13.9	3,182
35-3011	Bartenders.....	495	551	.3	.3	56	11.2	236
35-3020	Fast food and counter workers.....	3,036	3,542	2.0	2.1	506	16.7	1,350
35-3021	Combined food preparation and serving workers, including fast food.....	2,503	2,955	1.7	1.8	452	18.1	927
35-3022	Counter attendants, cafeteria, food concession, and coffee shop.....	533	587	.4	.4	54	10.2	424
35-3031	Waiters and waitresses.....	2,361	2,615	1.6	1.6	255	10.8	1,537
35-3041	Food servers, nonrestaurant.....	189	219	.1	.1	30	15.8	59
35-9000	Other food preparation and serving related workers.....	1,341	1,488	.9	.9	147	11.0	800
35-9011	Dining room and cafeteria attendants and bartender helpers.....	416	466	.3	.3	49	11.8	223
35-9021	Dishwashers.....	517	571	.3	.3	54	10.4	265
35-9031	Hosts and hostesses, restaurant, lounge, and coffee shop.....	351	388	.2	.2	37	10.4	277
35-9099	Food preparation and serving related workers, all other.....	56	64	.0	.0	7	13.0	35
37-0000	Building and grounds cleaning and maintenance occupations.....	5,745	6,595	3.8	4.0	850	14.8	1,833
37-1000	Supervisors, building and grounds cleaning and maintenance workers.....	484	555	.3	.3	71	14.7	127
37-1011	First-line supervisors/managers of housekeeping and janitorial workers.....	282	318	.2	.2	36	12.7	77
37-1012	First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers.....	202	237	.1	.1	36	17.6	49
37-2000	Building cleaning and pest control workers.....	3,941	4,486	2.6	2.7	544	13.8	1,298
37-2010	Building cleaning workers.....	3,872	4,405	2.6	2.7	533	13.8	1,270
37-2011	Janitors and cleaners, except maids and housekeeping cleaners.....	2,387	2,732	1.6	1.6	345	14.5	802
37-2012	Maids and housekeeping cleaners.....	1,470	1,656	1.0	1.0	186	12.7	463

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
37-2019	Building cleaning workers, all other.....	16	18	0.0	0.0	2	15.1	5
37-2021	Pest control workers .....	70	81	.0	.0	11	15.5	28
37-3000	Grounds maintenance workers.....	1,319	1,554	.9	.9	235	17.8	409
37-3010	Grounds maintenance workers .....	1,319	1,554	.9	.9	235	17.8	409
37-3011	Landscaping and groundskeeping workers.....	1,220	1,441	.8	.9	221	18.1	382
37-3012	Pesticide handlers, sprayers, and applicators, vegetation.....	31	35	.0	.0	4	14.0	8
37-3013	Tree trimmers and pruners.....	41	45	.0	.0	5	11.1	10
37-3019	Grounds maintenance workers, all other .....	28	33	.0	.0	5	16.6	8
39-0000	Personal care and service occupations.....	4,966	6,060	3.3	3.6	1,094	22.0	2,276
39-1000	Supervisors, personal care and service workers .....	268	312	.2	.2	43	16.2	100
39-1010	First-line supervisors/managers of gaming workers ...	54	64	.0	.0	10	18.9	20
39-1011	Gaming supervisors .....	34	42	.0	.0	8	23.4	14
39-1012	Slot key persons.....	20	22	.0	.0	2	11.1	6
39-1021	First-line supervisors/managers of personal service workers.....	215	248	.1	.1	33	15.5	80
39-2000	Animal care and service workers .....	200	238	.1	.1	39	19.3	71
39-2011	Animal trainers.....	43	53	.0	.0	10	22.7	17
39-2021	Nonfarm animal caretakers.....	157	185	.1	.1	29	18.4	54
39-3000	Entertainment attendants and related workers .....	546	667	.4	.4	120	22.1	378
39-3010	Gaming services workers.....	117	146	.1	.1	29	25.0	53
39-3011	Gaming dealers.....	84	104	.1	.1	20	24.1	37
39-3012	Gaming and sports book writers and runners .....	18	24	.0	.0	5	28.0	9
39-3019	Gaming service workers, all other.....	15	18	.0	.0	4	26.2	7
39-3021	Motion picture projectionists .....	11	11	.0	.0	-1	-8.4	5
39-3031	Ushers, lobby attendants, and ticket takers .....	103	121	.1	.1	17	16.9	90
39-3090	Miscellaneous entertainment attendants and related workers.....	315	390	.2	.2	75	23.8	230
39-3091	Amusement and recreation attendants .....	247	308	.2	.2	60	24.3	182
39-3092	Costume attendants.....	4	5	.0	.0	1	14.1	3
39-3093	Locker room, coatroom, and dressing room attendants .....	19	24	.0	.0	4	21.6	14
39-4000	Funeral service workers.....	42	48	.0	.0	6	14.3	16
39-4011	Embalmers.....	9	10	.0	.0	1	14.3	3
39-4021	Funeral attendants.....	33	37	.0	.0	5	14.3	12
39-5000	Personal appearance workers .....	825	942	.5	.6	117	14.2	217
39-5010	Barbers and cosmetologists.....	677	755	.4	.5	77	11.4	162
39-5011	Barbers.....	60	61	.0	.0	1	1.1	12
39-5012	Hairdressers, hairstylists, and cosmetologists .....	617	694	.4	.4	77	12.4	151
39-5090	Miscellaneous personal appearance workers.....	148	187	.1	.1	39	26.7	55
39-5091	Makeup artists, theatrical and performance .....	2	3	.0	.0	1	39.8	1
39-5092	Manicurists and pedicurists.....	78	100	.1	.1	22	27.6	30
39-5093	Shampooers.....	29	33	.0	.0	4	13.3	7
39-5094	Skin care specialists.....	38	51	.0	.0	13	34.3	17
39-6000	Transportation, tourism, and lodging attendants.....	232	261	.2	.2	29	12.7	77
39-6010	Baggage porters, bellhops, and concierges.....	69	76	.0	.0	7	10.4	16
39-6011	Baggage porters and bellhops .....	49	54	.0	.0	4	9.0	11
39-6012	Concierges.....	20	23	.0	.0	3	14.1	5
39-6020	Tour and travel guides.....	45	54	.0	.0	9	20.1	27
39-6021	Tour guides and escorts .....	40	49	.0	.0	9	21.2	25
39-6022	Travel guides.....	5	5	.0	.0	0	10.5	2
39-6030	Transportation attendants .....	118	131	.1	.1	13	11.2	34
39-6031	Flight attendants.....	97	107	.1	.1	10	10.6	27
39-6032	Transportation attendants, except flight attendants and baggage porters .....	21	24	.0	.0	3	14.0	7
39-9000	Other personal care and service workers .....	2,853	3,593	1.9	2.2	739	25.9	1,418
39-9011	Child care workers .....	1,388	1,636	.9	1.0	248	17.9	646
39-9021	Personal and home care aides .....	767	1,156	.5	.7	389	50.6	519
39-9030	Recreation and fitness workers.....	555	658	.4	.4	104	18.7	208
39-9031	Fitness trainers and aerobics instructors .....	235	298	.2	.2	63	26.8	107
39-9032	Recreation workers .....	320	360	.2	.2	41	12.7	101

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title	Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
	Number		Percent distribution		Number	Percent	
	2006	2016	2006	2016			
39-9041 Residential advisors.....	57	67	0.0	0.0	11	18.5	27
39-9099 Personal care and service workers, all other.....	86	75	.1	.0	-11	-12.9	19
41-0000 Sales and related occupations.....	15,985	17,203	10.6	10.3	1,218	7.6	6,171
41-1000 Supervisors, sales workers.....	2,206	2,296	1.5	1.4	91	4.1	519
41-1011 First-line supervisors/managers of retail sales workers.....	1,676	1,747	1.1	1.1	71	4.2	423
41-1012 First-line supervisors/managers of non-retail sales workers.....	530	549	.4	.3	19	3.7	96
41-2000 Retail sales workers.....	8,719	9,263	5.8	5.6	544	6.2	3,932
41-2010 Cashiers.....	3,527	3,411	2.3	2.1	-116	-3.3	1,679
41-2011 Cashiers, except gaming.....	3,500	3,382	2.3	2.0	-118	-3.4	1,664
41-2012 Gaming change persons and booth cashiers.....	27	29	.0	.0	2	6.7	15
41-2020 Counter and rental clerks and parts salespersons.....	715	819	.5	.5	104	14.6	318
41-2021 Counter and rental clerks.....	477	586	.3	.4	109	22.9	291
41-2022 Parts salespersons.....	238	233	.2	.1	-5	-2.2	27
41-2031 Retail salespersons.....	4,477	5,034	3.0	3.0	557	12.4	1,935
41-3000 Sales representatives, services.....	1,567	1,889	1.0	1.1	322	20.6	663
41-3011 Advertising sales agents.....	170	205	.1	.1	35	20.3	64
41-3021 Insurance sales agents.....	436	492	.3	.3	56	12.9	151
41-3031 Securities, commodities, and financial services sales agents.....	320	399	.2	.2	79	24.8	161
41-3041 Travel agents.....	101	102	.1	.1	1	1.0	8
41-3099 Sales representatives, services, all other.....	540	690	.4	.4	151	27.9	278
41-4000 Sales representatives, wholesale and manufacturing.....	1,973	2,155	1.3	1.3	182	9.2	617
41-4011 Sales representatives, wholesale and manufacturing, technical and scientific products.....	411	462	.3	.3	51	12.4	142
41-4012 Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,562	1,693	1.0	1.0	131	8.4	476
41-9000 Other sales and related workers.....	1,520	1,599	1.0	1.0	79	5.2	440
41-9010 Models, demonstrators, and product promoters.....	107	126	.1	.1	19	17.9	49
41-9011 Demonstrators and product promoters.....	105	124	.1	.1	19	18.0	49
41-9012 Models.....	2	2	.0	.0	0	9.8	1
41-9020 Real estate brokers and sales agents.....	564	624	.4	.4	60	10.7	150
41-9021 Real estate brokers.....	131	146	.1	.1	15	11.1	36
41-9022 Real estate sales agents.....	432	478	.3	.3	46	10.6	115
41-9031 Sales engineers.....	76	82	.1	.0	6	8.5	26
41-9041 Telemarketers.....	395	356	.3	.2	-39	-9.9	139
41-9090 Miscellaneous sales and related workers.....	379	412	.3	.2	33	8.6	76
41-9091 Door-to-door sales workers, news and street vendors, and related workers.....	200	207	.1	.1	7	3.7	34
41-9099 Sales and related workers, all other.....	180	205	.1	.1	25	14.0	41
43-0000 Office and administrative support occupations.....	24,344	26,089	16.2	15.7	1,745	7.2	7,424
43-1000 Supervisors, office and administrative support workers.....	1,418	1,500	.9	.9	82	5.8	374
43-1011 First-line supervisors/managers of office and administrative support workers.....	1,418	1,500	.9	.9	82	5.8	374
43-2000 Communications equipment operators.....	209	183	.1	.1	-25	-12.1	42
43-2011 Switchboard operators, including answering service.....	177	163	.1	.1	-15	-8.4	37
43-2021 Telephone operators.....	27	16	.0	.0	-11	-39.5	3
43-2099 Communications equipment operators, all other.....	4	5	.0	.0	0	7.4	1
43-3000 Financial clerks.....	4,007	4,482	2.7	2.7	476	11.9	1,283
43-3011 Bill and account collectors.....	434	534	.3	.3	99	22.9	165
43-3021 Billing and posting clerks and machine operators.....	542	566	.4	.3	24	4.4	93
43-3031 Bookkeeping, accounting, and auditing clerks.....	2,114	2,377	1.4	1.4	264	12.5	594
43-3041 Gaming cage workers.....	18	20	.0	.0	2	11.3	7
43-3051 Payroll and timekeeping clerks.....	214	220	.1	.1	7	3.1	61
43-3061 Procurement clerks.....	78	76	.1	.0	-2	-2.1	16
43-3071 Tellers.....	608	689	.4	.4	82	13.5	347
43-4000 Information and record clerks.....	5,738	6,389	3.8	3.8	651	11.4	2,320
43-4011 Brokerage clerks.....	73	88	.0	.1	15	20.0	38
43-4021 Correspondence clerks.....	17	20	.0	.0	2	12.0	7
43-4031 Court, municipal, and license clerks.....	115	125	.1	.1	10	8.8	36
43-4041 Credit authorizers, checkers, and clerks.....	69	63	.0	.0	-6	-8.4	21
43-4051 Customer service representatives.....	2,202	2,747	1.5	1.7	545	24.8	1,158

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
43-4061	Eligibility interviewers, government programs .....	112	116	0.1	0.1	3	3.1	23
43-4071	File clerks .....	234	137	.2	.1	-97	-41.3	62
43-4081	Hotel, motel, and resort desk clerks .....	219	257	.1	.2	38	17.4	127
43-4111	Interviewers, except eligibility and loan .....	221	242	.1	.1	21	9.5	79
43-4121	Library assistants, clerical .....	116	125	.1	.1	9	7.9	46
43-4131	Loan interviewers and clerks .....	256	254	.2	.2	-2	-0.9	44
43-4141	New accounts clerks .....	81	68	.1	.0	-13	-16.3	24
43-4151	Order clerks .....	271	205	.2	.1	-66	-24.4	57
43-4161	Human resources assistants, except payroll and timekeeping .....	168	187	.1	.1	19	11.3	31
43-4171	Receptionists and information clerks .....	1,173	1,375	.8	.8	202	17.2	489
43-4181	Reservation and transportation ticket agents and travel clerks .....	165	167	.1	.1	2	1.1	38
43-4199	Information and record clerks, all other .....	245	213	.2	.1	-32	-12.9	39
43-5000	Material recording, scheduling, dispatching, and distributing occupations .....	4,016	3,931	2.7	2.4	-86	-2.1	1,050
43-5011	Cargo and freight agents .....	86	100	.1	.1	14	16.5	38
43-5021	Couriers and messengers .....	134	134	.1	.1	0	-0.2	36
43-5030	Dispatchers .....	289	306	.2	.2	16	5.7	89
43-5031	Police, fire, and ambulance dispatchers .....	99	113	.1	.1	13	13.6	38
43-5032	Dispatchers, except police, fire, and ambulance .....	190	193	.1	.1	3	1.5	51
43-5041	Meter readers, utilities .....	47	42	.0	.0	-5	-10.3	15
43-5050	Postal service workers .....	615	603	.4	.4	-12	-2.0	142
43-5051	Postal service clerks .....	80	80	.1	.0	1	1.2	19
43-5052	Postal service mail carriers .....	338	341	.2	.2	4	1.1	102
43-5053	Postal service mail sorters, processors, and processing machine operators .....	198	181	.1	.1	-17	-8.4	21
43-5061	Production, planning, and expediting clerks .....	293	305	.2	.2	12	4.2	92
43-5071	Shipping, receiving, and traffic clerks .....	769	797	.5	.5	28	3.7	213
43-5081	Stock clerks and order fillers .....	1,705	1,574	1.1	.9	-131	-7.7	405
43-5111	Weighers, measurers, checkers, and samplers, recordkeeping .....	79	70	.1	.0	-9	-11.3	21
43-6000	Secretaries and administrative assistants .....	4,241	4,603	2.8	2.8	362	8.5	1,037
43-6011	Executive secretaries and administrative assistants .....	1,618	1,857	1.1	1.1	239	14.8	497
43-6012	Legal secretaries .....	275	308	.2	.2	32	11.7	76
43-6013	Medical secretaries .....	408	477	.3	.3	68	16.7	133
43-6014	Secretaries, except legal, medical, and executive .....	1,940	1,962	1.3	1.2	22	1.2	331
43-9000	Other office and administrative support workers .....	4,715	5,001	3.1	3.0	286	6.1	1,318
43-9011	Computer operators .....	130	98	.1	.1	-32	-24.7	21
43-9020	Data entry and information processing workers .....	492	457	.3	.3	-35	-7.2	111
43-9021	Data entry keyers .....	313	299	.2	.2	-15	-4.7	77
43-9022	Word processors and typists .....	179	158	.1	.1	-21	-11.6	34
43-9031	Desktop publishers .....	32	32	.0	.0	0	1.0	7
43-9041	Insurance claims and policy processing clerks .....	254	251	.2	.2	-3	-1.3	31
43-9051	Mail clerks and mail machine operators, except postal service .....	152	134	.1	.1	-18	-11.6	40
43-9061	Office clerks, general .....	3,200	3,604	2.1	2.2	404	12.6	991
43-9071	Office machine operators, except computer .....	94	91	.1	.1	-3	-2.7	31
43-9081	Proofreaders and copy markers .....	18	19	.0	.0	1	6.4	5
43-9111	Statistical assistants .....	23	24	.0	.0	2	7.6	12
43-9199	Office and administrative support workers, all other .....	320	290	.2	.2	-30	-9.3	71
45-0000	Farming, fishing, and forestry occupations .....	1,039	1,010	.7	.6	-29	-2.8	251
45-1000	Supervisors, farming, fishing, and forestry workers .....	53	53	.0	.0	0	-0.4	10
45-2000	Agricultural workers .....	859	838	.6	.5	-21	-2.4	214
45-2011	Agricultural inspectors .....	16	16	.0	.0	0	-1.1	4
45-2021	Animal breeders .....	11	11	.0	.0	0	4.4	3
45-2041	Graders and sorters, agricultural products .....	42	41	.0	.0	-1	-1.8	6
45-2090	Miscellaneous agricultural workers .....	790	769	.5	.5	-20	-2.6	201
45-2091	Agricultural equipment operators .....	59	56	.0	.0	-3	-5.0	15
45-2092	Farmworkers and laborers, crop, nursery, and greenhouse .....	603	583	.4	.4	-20	-3.4	151
45-2093	Farmworkers, farm and ranch animals .....	107	110	.1	.1	3	2.7	30

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
45-2099	Agricultural workers, all other.....	20	20	0.0	0.0	0	0.1	5
45-3000	Fishing and hunting workers.....	39	33	.0	.0	-6	-16.2	5
45-3011	Fishers and related fishing workers.....	38	32	.0	.0	-6	-16.1	5
45-3021	Hunters and trappers.....	0	0	.0	.0	0	-19.0	0
45-4000	Forest, conservation, and logging workers.....	88	87	.1	.1	-1	-1.4	23
45-4011	Forest and conservation workers.....	20	21	.0	.0	1	5.5	9
45-4020	Logging workers.....	69	66	.0	.0	-2	-3.4	14
45-4021	Fallers.....	13	12	.0	.0	-1	-7.4	3
45-4022	Logging equipment operators.....	40	40	.0	.0	-1	-1.3	8
45-4023	Log graders and scalers.....	7	7	.0	.0	0	-5.3	1
45-4029	Logging workers, all other.....	8	7	.0	.0	0	-5.9	2
47-0000	Construction and extraction occupations.....	8,295	9,079	5.5	5.5	785	9.5	2,249
47-1000	Supervisors, construction and extraction workers.....	772	842	.5	.5	70	9.1	178
47-1011	First-line supervisors/managers of construction trades and extraction workers.....	772	842	.5	.5	70	9.1	178
47-2000	Construction trades and related workers.....	6,422	7,044	4.3	4.2	622	9.7	1,719
47-2011	Boilermakers.....	18	20	.0	.0	2	14.0	9
47-2020	Brickmasons, blockmasons, and stonemasons.....	182	200	.1	.1	18	9.7	56
47-2021	Brickmasons and blockmasons.....	158	174	.1	.1	15	9.7	48
47-2022	Stonemasons.....	24	26	.0	.0	2	10.0	7
47-2031	Carpenters.....	1,462	1,612	1.0	1.0	150	10.3	348
47-2040	Carpet, floor, and tile installers and finishers.....	196	203	.1	.1	8	3.9	41
47-2041	Carpet installers.....	73	72	.0	.0	-1	-1.2	11
47-2042	Floor layers, except carpet, wood, and hard tiles.....	29	25	.0	.0	-4	-12.2	4
47-2043	Floor sanders and finishers.....	14	14	.0	.0	0	-1.8	2
47-2044	Tile and marble setters.....	79	91	.1	.1	12	15.4	24
47-2050	Cement masons, concrete finishers, and terrazzo workers.....	228	254	.2	.2	26	11.4	92
47-2051	Cement masons and concrete finishers.....	222	247	.1	.1	25	11.4	89
47-2053	Terrazzo workers and finishers.....	7	8	.0	.0	1	10.9	3
47-2061	Construction laborers.....	1,232	1,366	.8	.8	134	10.9	227
47-2070	Construction equipment operators.....	494	536	.3	.3	42	8.5	138
47-2071	Paving, surfacing, and tamping equipment operators.....	64	70	.0	.0	6	9.0	19
47-2072	Pile-driver operators.....	6	6	.0	.0	0	8.3	2
47-2073	Operating engineers and other construction equipment operators.....	424	460	.3	.3	35	8.4	118
47-2080	Drywall installers, ceiling tile installers, and tapers.....	240	258	.2	.2	17	7.2	50
47-2081	Drywall and ceiling tile installers.....	186	199	.1	.1	14	7.3	39
47-2082	Tapers.....	54	58	.0	.0	4	7.1	11
47-2111	Electricians.....	705	757	.5	.5	52	7.4	234
47-2121	Glaziers.....	55	62	.0	.0	7	11.9	16
47-2130	Insulation workers.....	61	66	.0	.0	5	8.5	19
47-2131	Insulation workers, floor, ceiling, and wall.....	32	35	.0	.0	3	8.4	10
47-2132	Insulation workers, mechanical.....	28	31	.0	.0	2	8.6	9
47-2140	Painters and paperhangers.....	473	526	.3	.3	53	11.3	138
47-2141	Painters, construction and maintenance.....	463	517	.3	.3	54	11.8	137
47-2142	Paperhangers.....	10	9	.0	.0	-1	-12.2	2
47-2150	Pipelayers, plumbers, pipefitters, and steamfitters.....	569	628	.4	.4	59	10.4	176
47-2151	Pipelayers.....	67	72	.0	.0	6	8.7	20
47-2152	Plumbers, pipefitters, and steamfitters.....	502	555	.3	.3	53	10.6	157
47-2161	Plasterers and stucco masons.....	61	66	.0	.0	5	8.1	19
47-2171	Reinforcing iron and rebar workers.....	30	34	.0	.0	3	11.5	11
47-2181	Roofers.....	156	179	.1	.1	22	14.3	58
47-2211	Sheet metal workers.....	189	201	.1	.1	13	6.8	59
47-2221	Structural iron and steel workers.....	72	76	.0	.0	4	6.0	28
47-3000	Helpers, construction trades.....	448	491	.3	.3	43	9.6	157
47-3010	Helpers, construction trades.....	448	491	.3	.3	43	9.6	157
47-3011	Helpers—Brickmasons, blockmasons, stonemasons, and tile and marble setters.....	65	73	.0	.0	7	11.0	24
47-3012	Helpers—Carpenters.....	109	122	.1	.1	13	11.7	40
47-3013	Helpers—Electricians.....	105	112	.1	.1	7	6.8	34

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
47-3014	Helpers—Painters, paperhangers, plasterers, and stucco masons .....	24	24	0.0	0.0	0	-0.7	6
47-3015	Helpers—Pipelayers, plumbers, pipefitters, and steamfitters .....	85	95	.1	.1	10	11.9	32
47-3016	Helpers—Roofers .....	22	23	.0	.0	1	6.7	7
47-3019	All other helpers, construction trades .....	38	42	.0	.0	5	12.6	14
47-4000	Other construction and related workers .....	451	502	.3	.3	51	11.4	144
47-4011	Construction and building inspectors .....	110	130	.1	.1	20	18.2	40
47-4021	Elevator installers and repairers .....	22	24	.0	.0	2	8.8	8
47-4031	Fence erectors .....	32	36	.0	.0	3	10.6	10
47-4041	Hazardous materials removal workers .....	39	44	.0	.0	4	11.2	13
47-4051	Highway maintenance workers .....	145	158	.1	.1	13	8.9	39
47-4061	Rail-track laying and maintenance equipment operators .....	15	15	.0	.0	1	4.8	4
47-4071	Septic tank servicers and sewer pipe cleaners .....	24	26	.0	.0	2	10.2	7
47-4090	Miscellaneous construction and related workers .....	63	69	.0	.0	6	8.9	22
47-4091	Segmental pavers .....	1	1	.0	.0	0	10.3	0
47-4099	Construction and related workers, all other .....	62	68	.0	.0	6	8.8	22
47-5000	Extraction workers .....	202	200	.1	.1	-2	-8	52
47-5010	Derrick, rotary drill, and service unit operators, oil, gas, and mining .....	67	63	.0	.0	-4	-5.5	7
47-5011	Derrick operators, oil and gas .....	19	18	.0	.0	-1	-5.8	2
47-5012	Rotary drill operators, oil and gas .....	20	19	.0	.0	-1	-5.4	2
47-5013	Service unit operators, oil, gas, and mining .....	28	26	.0	.0	-2	-5.4	3
47-5021	Earth drillers, except oil and gas .....	22	23	.0	.0	1	6.5	8
47-5031	Explosives workers, ordnance handling experts, and blasters .....	5	5	.0	.0	0	1.4	2
47-5040	Mining machine operators .....	21	22	.0	.0	1	4.3	9
47-5041	Continuous mining machine operators .....	10	11	.0	.0	0	4.6	4
47-5042	Mine cutting and channeling machine operators .....	8	8	.0	.0	0	3.8	3
47-5049	All other mining machine operators .....	3	3	.0	.0	0	4.9	1
47-5051	Rock splitters, quarry .....	4	5	.0	.0	1	25.1	2
47-5061	Roof bolters, mining .....	4	4	.0	.0	0	1.2	1
47-5071	Roustabouts, oil and gas .....	44	43	.0	.0	-1	-3.2	13
47-5081	Helpers—Extraction workers .....	25	25	.0	.0	0	-2	7
47-5099	Extraction workers, all other .....	10	10	.0	.0	0	4	2
49-0000	Installation, maintenance, and repair occupations .....	5,883	6,433	3.9	3.9	550	9.3	1,502
49-1000	Supervisors of installation, maintenance, and repair workers .....	465	499	.3	.3	34	7.3	143
49-1011	First-line supervisors/managers of mechanics, installers, and repairers .....	465	499	.3	.3	34	7.3	143
49-2000	Electrical and electronic equipment mechanics, installers, and repairers .....	661	690	.4	.4	29	4.4	170
49-2011	Computer, automated teller, and office machine repairers .....	175	180	.1	.1	5	3.0	26
49-2020	Radio and telecommunications equipment installers and repairers .....	205	209	.1	.1	5	2.3	55
49-2021	Radio mechanics .....	7	6	.0	.0	0	-4.1	2
49-2022	Telecommunications equipment installers and repairers, except line installers .....	198	203	.1	.1	5	2.6	54
49-2090	Miscellaneous electrical and electronic equipment mechanics, installers, and repairers .....	281	301	.2	.2	19	6.8	89
49-2091	Avionics technicians .....	16	17	.0	.0	1	8.1	3
49-2092	Electric motor, power tool, and related repairers .....	25	24	.0	.0	-1	-4.2	10
49-2093	Electrical and electronics installers and repairers, transportation equipment .....	21	22	.0	.0	1	4.3	5
49-2094	Electrical and electronics repairers, commercial and industrial equipment .....	80	86	.1	.1	5	6.8	33
49-2095	Electrical and electronics repairers, powerhouse, substation, and relay .....	22	21	.0	.0	-1	-4.7	8

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
49-2096	Electronic equipment installers and repairers, motor vehicles .....	20	21	0.0	0.0	1	4.6	7
49-2097	Electronic home entertainment equipment installers and repairers .....	40	41	.0	.0	1	3.0	5
49-2098	Security and fire alarm systems installers .....	57	68	.0	.0	11	20.2	19
49-3000	Vehicle and mobile equipment mechanics, installers, and repairers .....	1,771	2,003	1.2	1.2	232	13.1	589
49-3011	Aircraft mechanics and service technicians .....	122	135	.1	.1	13	10.6	25
49-3020	Automotive technicians and repairers .....	979	1,115	.6	.7	136	13.9	343
49-3021	Automotive body and related repairers .....	183	204	.1	.1	21	11.6	64
49-3022	Automotive glass installers and repairers .....	24	28	.0	.0	4	18.7	13
49-3023	Automotive service technicians and mechanics .....	773	883	.5	.5	110	14.3	265
49-3031	Bus and truck mechanics and diesel engine specialists .....	275	306	.2	.2	32	11.5	91
49-3040	Heavy vehicle and mobile equipment service technicians and mechanics .....	188	206	.1	.1	18	9.5	55
49-3041	Farm equipment mechanics .....	31	31	.0	.0	0	1.4	6
49-3042	Mobile heavy equipment mechanics, except engines .....	131	147	.1	.1	16	12.3	42
49-3043	Rail car repairers .....	27	28	.0	.0	1	5.1	7
49-3050	Small engine mechanics .....	78	87	.1	.1	9	11.6	25
49-3051	Motorboat mechanics .....	24	29	.0	.0	5	19.0	9
49-3052	Motorcycle mechanics .....	21	24	.0	.0	3	12.5	7
49-3053	Outdoor power equipment and other small engine mechanics .....	33	35	.0	.0	2	5.5	8
49-3090	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers .....	128	153	.1	.1	25	19.1	50
49-3091	Bicycle repairers .....	9	9	.0	.0	1	7.2	2
49-3092	Recreational vehicle service technicians .....	14	17	.0	.0	3	18.2	5
49-3093	Tire repairers and changers .....	106	127	.1	.1	21	20.2	42
49-9000	Other installation, maintenance, and repair occupations ..	2,987	3,241	2.0	1.9	254	8.5	599
49-9010	Control and valve installers and repairers .....	58	61	.0	.0	2	4.2	13
49-9011	Mechanical door repairers .....	15	18	.0	.0	2	14.9	5
49-9012	Control and valve installers and repairers, except mechanical door .....	43	43	.0	.0	0	.3	8
49-9021	Heating, air conditioning, and refrigeration mechanics and installers .....	292	317	.2	.2	25	8.7	77
49-9031	Home appliance repairers .....	57	58	.0	.0	1	1.5	14
49-9040	Industrial machinery installation, repair, and maintenance workers .....	1,794	1,960	1.2	1.2	165	9.2	265
49-9041	Industrial machinery mechanics .....	261	284	.2	.2	24	9.0	67
49-9042	Maintenance and repair workers, general .....	1,391	1,531	.9	.9	140	10.1	174
49-9043	Maintenance workers, machinery .....	84	83	.1	.1	-1	-1.1	14
49-9044	Millwrights .....	55	58	.0	.0	3	5.8	10
49-9045	Refractory materials repairers, except brickmasons ..	3	3	.0	.0	0	-11.5	1
49-9050	Line installers and repairers .....	275	290	.2	.2	16	5.7	93
49-9051	Electrical power-line installers and repairers .....	112	120	.1	.1	8	7.2	43
49-9052	Telecommunications line installers and repairers .....	162	170	.1	.1	7	4.6	50
49-9060	Precision instrument and equipment repairers .....	68	77	.0	.0	9	12.8	28
49-9061	Camera and photographic equipment repairers .....	4	4	.0	.0	0	-2.1	1
49-9062	Medical equipment repairers .....	38	46	.0	.0	8	21.7	19
49-9063	Musical instrument repairers and tuners .....	6	6	.0	.0	0	2.8	2
49-9064	Watch repairers .....	4	4	.0	.0	0	-5.1	1
49-9069	All other precision instrument and equipment repairers .....	16	17	.0	.0	1	4.3	5
49-9090	Miscellaneous installation, maintenance, and repair workers .....	442	478	.3	.3	36	8.2	109
49-9091	Coin, vending, and amusement machine servicers and repairers .....	48	46	.0	.0	-1	-3.0	13
49-9092	Commercial divers .....	3	4	.0	.0	1	17.7	1
49-9093	Fabric menders, except garment .....	2	2	.0	.0	0	-1.6	0

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
49-9094	Locksmiths and safe repairers .....	26	32	0.0	0.0	6	22.1	11
49-9095	Manufactured building and mobile home installers .....	12	11	.0	.0	0	-2.9	2
49-9096	Riggers .....	12	12	.0	.0	0	-3	1
49-9097	Signal and track switch repairers .....	7	7	.0	.0	0	-5.1	0
49-9098	Helpers—Installation, maintenance, and repair workers .....	163	183	.1	.1	19	11.8	58
49-9099	Installation, maintenance, and repair workers, all other .....	168	181	.1	.1	13	7.5	24
51-0000	Production occupations .....	10,675	10,147	7.1	6.1	-528	-4.9	2,323
51-1000	Supervisors, production workers .....	699	665	.5	.4	-34	-4.8	117
51-1011	First-line supervisors/managers of production and operating workers .....	699	665	.5	.4	-34	-4.8	117
51-2000	Assemblers and fabricators .....	2,075	1,982	1.4	1.2	-93	-4.5	424
51-2011	Aircraft structure, surfaces, rigging, and systems assemblers .....	28	32	.0	.0	4	12.8	9
51-2020	Electrical, electronics, and electromechanical assemblers .....	297	227	.2	.1	-70	-23.5	50
51-2021	Coil winders, tapers, and finishers .....	23	16	.0	.0	-7	-30.5	4
51-2022	Electrical and electronic equipment assemblers .....	213	156	.1	.1	-57	-26.8	36
51-2023	Electromechanical equipment assemblers .....	60	55	.0	.0	-5	-9.1	10
51-2031	Engine and other machine assemblers .....	45	41	.0	.0	-4	-8.6	11
51-2041	Structural metal fabricators and fitters .....	103	103	.1	.1	0	-2	18
51-2090	Miscellaneous assemblers and fabricators .....	1,602	1,579	1.1	.9	-23	-1.4	336
51-2091	Fiberglass laminators and fabricators .....	33	35	.0	.0	2	6.2	9
51-2092	Team assemblers .....	1,274	1,275	.8	.8	1	.1	265
51-2093	Timing device assemblers, adjusters, and calibrators .....	3	2	.0	.0	0	-7.6	1
51-2099	All other assemblers and fabricators .....	292	266	.2	.2	-25	-8.7	61
51-3000	Food processing occupations .....	705	764	.5	.5	59	8.4	267
51-3011	Bakers .....	149	164	.1	.1	15	10.1	47
51-3020	Butchers and other meat, poultry, and fish processing workers .....	398	431	.3	.3	34	8.5	160
51-3021	Butchers and meat cutters .....	131	134	.1	.1	3	1.9	44
51-3022	Meat, poultry, and fish cutters and trimmers .....	144	160	.1	.1	16	10.9	61
51-3023	Slaughterers and meat packers .....	122	138	.1	.1	16	12.7	54
51-3090	Miscellaneous food processing workers .....	158	169	.1	.1	10	6.5	61
51-3091	Food and tobacco roasting, baking, and drying machine operators and tenders .....	19	21	.0	.0	2	10.8	9
51-3092	Food batchmakers .....	95	105	.1	.1	10	10.9	35
51-3093	Food cooking machine operators and tenders .....	44	42	.0	.0	-2	-4.7	17
51-4000	Metal workers and plastic workers .....	2,258	2,087	1.5	1.3	-171	-7.6	455
51-4010	Computer control programmers and operators .....	158	153	.1	.1	-6	-3.6	19
51-4011	Computer-controlled machine tool operators, metal and plastic .....	141	136	.1	.1	-4	-3.0	17
51-4012	Numerical tool and process control programmers .....	18	16	.0	.0	-2	-8.4	2
51-4020	Forming machine setters, operators, and tenders, metal and plastic .....	161	140	.1	.1	-20	-12.7	43
51-4021	Extruding and drawing machine setters, operators, and tenders, metal and plastic .....	94	87	.1	.1	-7	-7.2	26
51-4022	Forging machine setters, operators, and tenders, metal and plastic .....	31	22	.0	.0	-9	-30.4	10
51-4023	Rolling machine setters, operators, and tenders, metal and plastic .....	36	32	.0	.0	-4	-11.8	7
51-4030	Machine tool cutting setters, operators, and tenders, metal and plastic .....	513	425	.3	.3	-88	-17.1	100
51-4031	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic .....	272	231	.2	.1	-40	-14.9	65
51-4032	Drilling and boring machine tool setters, operators, and tenders, metal and plastic .....	43	33	.0	.0	-9	-22.2	9
51-4033	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic .....	101	85	.1	.1	-16	-15.7	10

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
51-4034	Lathe and turning machine tool setters, operators, and tenders, metal and plastic .....	68	52	0.0	0.0	-16	-23.3	13
51-4035	Milling and planing machine setters, operators, and tenders, metal and plastic .....	29	23	.0	.0	-6	-21.0	3
51-4041	Machinists .....	397	384	.3	.2	-12	-3.1	61
51-4050	Metal furnace and kiln operators and tenders .....	33	27	.0	.0	-6	-18.3	5
51-4051	Metal-refining furnace operators and tenders .....	18	15	.0	.0	-3	-19.0	3
51-4052	Pourers and casters, metal .....	15	12	.0	.0	-3	-17.4	2
51-4060	Model makers and patternmakers, metal and plastic .....	16	15	.0	.0	-1	-5.9	4
51-4061	Model makers, metal and plastic .....	9	8	.0	.0	-1	-6.3	2
51-4062	Patternmakers, metal and plastic .....	7	7	.0	.0	0	-5.5	2
51-4070	Molders and molding machine setters, operators, and tenders, metal and plastic .....	171	148	.1	.1	-23	-13.6	40
51-4071	Foundry mold and coremakers .....	15	11	.0	.0	-3	-22.7	3
51-4072	Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic .....	157	137	.1	.1	-20	-12.8	37
51-4081	Multiple machine tool setters, operators, and tenders, metal and plastic .....	97	97	.1	.1	0	.3	20
51-4111	Tool and die makers .....	101	91	.1	.1	-10	-9.6	13
51-4120	Welding, soldering, and brazing workers .....	462	484	.3	.3	22	4.8	120
51-4121	Welders, cutters, solderers, and brazers .....	409	430	.3	.3	21	5.1	107
51-4122	Welding, soldering, and brazing machine setters, operators, and tenders .....	53	54	.0	.0	2	3.0	13
51-4190	Miscellaneous metalworkers and plastic workers .....	150	122	.1	.1	-28	-18.4	30
51-4191	Heat treating equipment setters, operators, and tenders, metal and plastic .....	27	23	.0	.0	-4	-14.8	5
51-4192	Lay-out workers, metal and plastic .....	10	8	.0	.0	-2	-19.8	2
51-4193	Plating and coating machine setters, operators, and tenders, metal and plastic .....	42	37	.0	.0	-5	-12.2	12
51-4194	Tool grinders, filers, and sharpeners .....	22	18	.0	.0	-4	-19.4	4
51-4199	All other metal workers and plastic workers .....	49	36	.0	.0	-12	-25.1	8
51-5000	Printing occupations .....	389	343	.3	.2	-46	-11.9	70
51-5010	Bookbinders and bindery workers .....	72	57	.0	.0	-15	-21.3	10
51-5011	Bindery workers .....	65	51	.0	.0	-14	-21.8	9
51-5012	Bookbinders .....	7	6	.0	.0	-1	-16.9	1
51-5020	Printers .....	317	286	.2	.2	-31	-9.7	59
51-5021	Job printers .....	48	44	.0	.0	-4	-9.3	5
51-5022	Prepress technicians and workers .....	71	56	.0	.0	-15	-21.1	11
51-5023	Printing machine operators .....	198	186	.1	.1	-11	-5.7	44
51-6000	Textile, apparel, and furnishings occupations .....	873	777	.6	.5	-97	-11.1	169
51-6011	Laundry and dry-cleaning workers .....	239	262	.2	.2	23	9.7	77
51-6021	Pressers, textile, garment, and related materials .....	77	74	.1	.0	-3	-4.4	6
51-6031	Sewing machine operators .....	233	170	.2	.1	-63	-27.2	22
51-6040	Shoe and leather workers .....	20	17	.0	.0	-3	-15.6	4
51-6041	Shoe and leather workers and repairers .....	16	14	.0	.0	-2	-10.3	3
51-6042	Shoe machine operators and tenders .....	4	3	.0	.0	-1	-35.7	0
51-6050	Tailors, dressmakers, and sewers .....	77	76	.1	.0	-2	-2.4	14
51-6051	Sewers, hand .....	23	21	.0	.0	-3	-12.2	4
51-6052	Tailors, dressmakers, and custom sewers .....	54	55	.0	.0	1	1.9	10
51-6060	Textile machine setters, operators, and tenders .....	122	88	.1	.1	-34	-27.9	27
51-6061	Textile bleaching and dyeing machine operators and tenders .....	19	14	.0	.0	-6	-30.2	3
51-6062	Textile cutting machine setters, operators, and tenders .....	19	14	.0	.0	-5	-27.4	6
51-6063	Textile knitting and weaving machine setters, operators, and tenders .....	40	28	.0	.0	-12	-30.9	12
51-6064	Textile winding, twisting, and drawing out machine setters, operators, and tenders .....	43	33	.0	.0	-11	-24.3	6
51-6090	Miscellaneous textile, apparel, and furnishings workers .....	106	92	.1	.1	-14	-13.5	20
51-6091	Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers .....	18	15	.0	.0	-3	-17.6	4
51-6092	Fabric and apparel patternmakers .....	9	7	.0	.0	-3	-28.6	2

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
51-6093	Upholsterers.....	55	50	0.0	0.0	-5	-9.0	9
51-6099	All other textile, apparel, and furnishings workers .....	24	21	.0	.0	-4	-14.8	6
51-7000	Woodworkers.....	370	380	.2	.2	11	2.9	106
51-7011	Cabinetmakers and bench carpenters.....	149	153	.1	.1	4	2.8	48
51-7021	Furniture finishers .....	31	30	.0	.0	-1	-3.1	6
51-7030	Model makers and patternmakers, wood.....	4	2	.0	.0	-2	-40.3	1
51-7031	Model makers, wood.....	2	1	.0	.0	-1	-40.8	0
51-7032	Patternmakers, wood.....	2	1	.0	.0	-1	-39.9	0
51-7040	Woodworking machine setters, operators, and tenders	165	173	.1	.1	9	5.4	47
51-7041	Sawing machine setters, operators, and tenders, wood.....	65	68	.0	.0	2	3.8	15
51-7042	Woodworking machine setters, operators, and tenders, except sawing .....	100	106	.1	.1	6	6.4	31
51-7099	All other woodworkers.....	20	21	.0	.0	0	1.6	5
51-8000	Plant and system operators .....	325	327	.2	.2	2	.8	95
51-8010	Power plant operators, distributors, and dispatchers.....	47	48	.0	.0	1	2.0	18
51-8011	Nuclear power reactor operators .....	4	4	.0	.0	0	10.6	2
51-8012	Power distributors and dispatchers.....	9	8	.0	.0	0	-4.9	3
51-8013	Power plant operators.....	35	36	.0	.0	1	2.7	13
51-8021	Stationary engineers and boiler operators.....	45	47	.0	.0	2	3.4	9
51-8031	Water and liquid waste treatment plant and system operators.....	111	126	.1	.1	15	13.8	35
51-8090	Miscellaneous plant and system operators.....	122	106	.1	.1	-15	-12.6	34
51-8091	Chemical plant and system operators.....	53	45	.0	.0	-8	-15.3	15
51-8092	Gas plant operators .....	12	11	.0	.0	-1	-9.9	3
51-8093	Petroleum pump system operators, refinery operators, and gaugers .....	42	36	.0	.0	-6	-13.4	12
51-8099	All other plant and system operators .....	14	14	.0	.0	0	-2.6	4
51-9000	Other production occupations.....	2,981	2,822	2.0	1.7	-159	-5.3	619
51-9010	Chemical processing machine setters, operators, and tenders .....	97	94	.1	.1	-3	-3.6	22
51-9011	Chemical equipment operators and tenders .....	53	51	.0	.0	-2	-3.9	12
51-9012	Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	44	43	.0	.0	-1	-3.2	10
51-9020	Crushing, grinding, polishing, mixing, and blending workers .....	230	215	.2	.1	-16	-6.8	38
51-9021	Crushing, grinding, and polishing machine setters, operators, and tenders.....	42	37	.0	.0	-5	-11.9	7
51-9022	Grinding and polishing workers, hand.....	45	42	.0	.0	-3	-7.1	7
51-9023	Mixing and blending machine setters, operators, and tenders .....	143	136	.1	.1	-7	-5.1	23
51-9030	Cutting workers .....	107	98	.1	.1	-9	-8.4	16
51-9031	Cutters and trimmers, hand .....	29	27	.0	.0	-2	-6.1	4
51-9032	Cutting and slicing machine setters, operators, and tenders .....	79	71	.1	.0	-7	-9.3	12
51-9041	Extruding, forming, pressing, and compacting machine setters, operators, and tenders .....	81	75	.1	.0	-7	-8.1	15
51-9051	Furnace, kiln, oven, drier, and kettle operators and tenders .....	32	29	.0	.0	-3	-8.7	9
51-9061	Inspectors, testers, sorters, samplers, and weighers .....	491	457	.3	.3	-35	-7.0	73
51-9071	Jewelers and precious stone and metal workers.....	52	51	.0	.0	-1	-2.2	9
51-9080	Medical, dental, and ophthalmic laboratory technicians	95	100	.1	.1	5	5.3	23
51-9081	Dental laboratory technicians.....	53	55	.0	.0	2	3.7	12
51-9082	Medical appliance technicians .....	12	13	.0	.0	1	9.5	3
51-9083	Ophthalmic laboratory technicians.....	29	31	.0	.0	2	6.6	7
51-9111	Packaging and filling machine operators and tenders...	386	365	.3	.2	-21	-5.4	72
51-9120	Painting workers .....	192	184	.1	.1	-8	-4.2	43
51-9121	Coating, painting, and spraying machine setters, operators, and tenders .....	106	93	.1	.1	-14	-12.9	21
51-9122	Painters, transportation equipment .....	54	59	.0	.0	5	8.4	15
51-9123	Painting, coating, and decorating workers.....	31	32	.0	.0	1	3.6	7

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16'
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
51-9130	Photographic process workers and processing machine operators.....	73	40	0.0	0.0	-33	-45.4	25
51-9131	Photographic process workers.....	24	15	.0	.0	-9	-36.3	8
51-9132	Photographic processing machine operators.....	49	25	.0	.0	-25	-49.8	17
51-9141	Semiconductor processors.....	42	37	.0	.0	-5	-12.9	7
51-9190	Miscellaneous production workers.....	1,102	1,078	.7	.6	-23	-2.1	268
51-9191	Cementing and gluing machine operators and tenders.....	23	21	.0	.0	-2	-9.2	6
51-9192	Cleaning, washing, and metal pickling equipment operators and tenders.....	16	14	.0	.0	-2	-9.8	5
51-9193	Cooling and freezing equipment operators and tenders.....	11	10	.0	.0	-1	-6.8	2
51-9194	Etchers and engravers.....	14	13	.0	.0	-1	-4.8	3
51-9195	Molders, shapers, and casters, except metal and plastic.....	56	57	.0	.0	1	1.3	13
51-9196	Paper goods machine setters, operators, and tenders.....	113	93	.1	.1	-21	-18.2	27
51-9197	Tire builders.....	23	20	.0	.0	-3	-12.0	8
51-9198	Helpers--Production workers.....	542	539	.4	.3	-3	-.5	133
51-9199	All other production workers.....	305	312	.2	.2	7	2.3	70
53-0000	Transportation and material moving occupations.....	10,233	10,695	6.8	6.4	462	4.5	2,952
53-1000	Supervisors, transportation and material moving workers.....	414	461	.3	.3	47	11.4	132
53-1011	Aircraft cargo handling supervisors.....	6	7	.0	.0	1	23.3	3
53-1021	First-line supervisors/managers of helpers, laborers, and material movers, hand.....	182	205	.1	.1	23	12.5	60
53-1031	First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	226	249	.2	.1	23	10.2	69
53-2000	Air transportation occupations.....	137	154	.1	.1	17	12.4	57
53-2010	Aircraft pilots and flight engineers.....	107	121	.1	.1	14	13.0	45
53-2011	Airline pilots, copilots, and flight engineers.....	79	90	.1	.1	10	12.9	33
53-2012	Commercial pilots.....	28	31	.0	.0	4	13.2	12
53-2020	Air traffic controllers and airfield operations specialists.....	30	33	.0	.0	3	10.5	11
53-2021	Air traffic controllers.....	25	28	.0	.0	3	10.2	9
53-2022	Airfield operations specialists.....	5	5	.0	.0	1	11.8	2
53-3000	Motor vehicle operators.....	4,335	4,704	2.9	2.8	368	8.5	1,117
53-3011	Ambulance drivers and attendants, except emergency medical technicians.....	22	26	.0	.0	5	21.7	7
53-3020	Bus drivers.....	653	721	.4	.4	67	10.3	153
53-3021	Bus drivers, transit and intercity.....	198	223	.1	.1	25	12.5	51
53-3022	Bus drivers, school.....	455	497	.3	.3	42	9.3	102
53-3030	Driver/sales workers and truck drivers.....	3,356	3,614	2.2	2.2	258	7.7	877
53-3031	Driver/sales workers.....	445	421	.3	.3	-24	-5.3	79
53-3032	Truck drivers, heavy and tractor-trailer.....	1,860	2,053	1.2	1.2	193	10.4	523
53-3033	Truck drivers, light or delivery services.....	1,051	1,140	.7	.7	89	8.5	275
53-3041	Taxi drivers and chauffeurs.....	229	258	.2	.2	30	13.0	59
53-3099	All other motor vehicle operators.....	76	85	.1	.1	9	11.4	21
53-4000	Rail transportation occupations.....	125	127	.1	.1	2	1.4	51
53-4010	Locomotive engineers and operators.....	47	48	.0	.0	1	2.9	17
53-4021	Railroad brake, signal, and switch operators.....	25	22	.0	.0	-3	-11.4	9
53-4031	Railroad conductors and yardmasters.....	40	44	.0	.0	4	9.1	19
53-4041	Subway and streetcar operators.....	7	8	.0	.0	1	12.1	3
53-4099	Rail transportation workers, all other.....	7	6	.0	.0	-1	-18.7	2
53-5000	Water transportation occupations.....	84	98	.1	.1	14	16.1	39
53-5011	Sailors and marine oilers.....	33	38	.0	.0	5	15.7	17
53-5020	Ship and boat captains and operators.....	37	43	.0	.0	6	17.3	16
53-5021	Captains, mates, and pilots of water vessels.....	34	40	.0	.0	6	17.9	15
53-5022	Motorboat operators.....	3	3	.0	.0	0	10.9	1
53-5031	Ship engineers.....	15	17	.0	.0	2	14.1	6
53-6000	Other transportation workers.....	312	351	.2	.2	39	12.6	139
53-6011	Bridge and lock tenders.....	4	4	.0	.0	0	-3.2	1
53-6021	Parking lot attendants.....	135	152	.1	.1	16	12.1	53
53-6031	Service station attendants.....	96	108	.1	.1	12	12.6	56

See footnotes at end of table.

**APPENDIX: Continued—Employment by occupation, 2006 and projected 2016**

[Numbers in thousands]

2006 National Employment Matrix code and title		Employment				Change, 2006–16		Total job openings due to growth and net replacements, 2006–16 <sup>1</sup>
		Number		Percent distribution		Number	Percent	
		2006	2016	2006	2016			
53-6041	Traffic technicians .....	7	8	0.0	0.0	1	9.9	2
53-6051	Transportation inspectors .....	26	31	.0	.0	4	16.4	13
53-6099	All other related transportation workers .....	44	49	.0	.0	6	13.3	14
53-7000	Material moving occupations .....	4,825	4,800	3.2	2.9	-25	-.5	1,417
53-7011	Conveyor operators and tenders .....	50	46	.0	.0	-4	-7.4	9
53-7021	Crane and tower operators .....	46	48	.0	.0	1	2.8	10
53-7030	Dredge, excavating, and loading machine operators .....	85	92	.1	.1	7	8.1	20
53-7031	Dredge operators .....	2	2	.0	.0	0	6.7	0
53-7032	Excavating and loading machine and dragline operators .....	80	87	.1	.1	7	8.3	19
53-7033	Loading machine operators, underground mining .....	3	3	.0	.0	0	4.5	1
53-7041	Hoist and winch operators .....	3	3	.0	.0	0	-1.2	1
53-7051	Industrial truck and tractor operators .....	637	624	.4	.4	-13	-2.0	161
53-7060	Laborers and material movers, hand .....	3,766	3,741	2.5	2.3	-25	-.7	1,143
53-7061	Cleaners of vehicles and equipment .....	368	420	.2	.3	52	14.0	192
53-7062	Laborers and freight, stock, and material movers, hand .....	2,416	2,466	1.6	1.5	50	2.1	823
53-7063	Machine feeders and offbearers .....	148	125	.1	.1	-22	-15.2	26
53-7064	Packers and packagers, hand .....	834	730	.6	.4	-104	-12.4	102
53-7070	Pumping station operators .....	29	25	.0	.0	-4	-12.9	12
53-7071	Gas compressor and gas pumping station operators .....	4	3	.0	.0	-1	-17.5	2
53-7072	Pump operators, except wellhead pumpers .....	11	9	.0	.0	-1	-12.5	4
53-7073	Wellhead pumpers .....	14	13	.0	.0	-2	-11.9	6
53-7081	Refuse and recyclable material collectors .....	136	146	.1	.1	10	7.4	47
53-7111	Shuttle car operators .....	3	3	.0	.0	0	-8.3	1
53-7121	Tank car, truck, and ship loaders .....	16	18	.0	.0	2	9.2	4
53-7199	Material moving workers, all other .....	54	54	.0	.0	0	.7	10

<sup>1</sup> Total job openings represent the sum of employment increases and net replacements. If employment change is negative, job openings due to growth are zero and total job openings equal net replacements.

<sup>2</sup> Codes 11–0000 through 13–0000 in the 2000 Standard Occupational Classification (soc).

<sup>3</sup> Codes 15–0000 through 29–0000 in the 2000 Standard Occupational Classification (soc).

<sup>4</sup> Codes 31–0000 through 39–0000 in the 2000 Standard Occupational Classification (soc).

NOTE: Details may not sum to totals or 100 percent due to rounding.