

2014-2024 Phoenix MSA Occupational Projections								
Standard Occupation Classification (SOC) ¹		Employment		10 Year Change		10 Year Openings		
SOC Code	SOC Title	2014 Estimated	2024 Projected	Numeric	Percent	Due to Growth	Due to Separations	Total ²
00-0000	Total, All Occupations	1,944,933	2,412,852	467,919	24.06%	470,023	454,577	924,600
11-0000	Management Occupations	101,531	124,878	23,347	22.99%	23,347	23,455	46,802
11-1000	Top Executives	31,450	39,006	7,556	24.03%	7,556	7,727	15,283
11-1011	Chief Executives	2,702	3,040	338	12.5%	338	459	797
11-1021	General and Operations Managers	28,476	35,681	7,205	25.3%	7,205	7,208	14,413
11-1031	Legislators	272	285	13	4.8%	13	60	73
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	11,974	14,413	2,439	20.4%	2,439	2,958	5,397
11-2011	Advertising and Promotions Managers	271	329	58	21.4%	58	87	145
11-2021	Marketing Managers	2,609	3,215	606	23.2%	606	617	1,223
11-2022	Sales Managers	8,108	9,690	1,582	19.5%	1,582	1,917	3,499
11-2031	Public Relations and Fundraising Managers	986	1,179	193	19.6%	193	337	530
11-3000	Operations Specialties Managers	25,727	31,633	5,906	23.0%	5,906	5,429	11,335
11-3011	Administrative Services Managers	4,594	5,649	1,055	23.0%	1,055	859	1,914
11-3021	Computer and Information Systems Managers	5,511	7,098	1,587	28.8%	1,587	650	2,237
11-3031	Financial Managers	7,905	9,941	2,036	25.8%	2,036	1,872	3,908
11-3051	Industrial Production Managers	1,913	2,057	144	7.5%	144	542	686
11-3061	Purchasing Managers	1,166	1,331	165	14.2%	165	275	440
11-3071	Transportation, Storage, and Distribution Managers	1,725	2,025	300	17.4%	300	380	680
11-3111	Compensation and Benefits Managers	228	284	56	24.6%	56	67	123
11-3121	Human Resources Managers	1,924	2,350	426	22.1%	426	562	988
11-3131	Training and Development Managers	761	898	137	18.0%	137	222	359
11-9000	Other Management Occupations	32,380	39,826	7,446	23.0%	7,446	7,341	14,787
11-9013	Farmers, Ranchers, and Other Agricultural Managers	1,508	1,609	101	6.7%	101	257	358
11-9021	Construction Managers	3,762	5,228	1,466	39.0%	1,466	527	1,993
11-9031	Education Administrators, Preschool and Childcare Center/Program	531	698	167	31.5%	167	154	321
11-9032	Education Administrators, Elementary and Secondary School	2,457	3,062	605	24.6%	605	715	1,320
11-9033	Education Administrators, Postsecondary	1,356	1,753	397	29.3%	397	394	791
11-9039	Education Administrators, All Other	250	315	65	26.0%	65	73	138
11-9041	Architectural and Engineering Managers	2,933	3,158	225	7.7%	225	899	1,124
11-9051	Food Service Managers	2,346	2,962	616	26.3%	616	472	1,088
11-9081	Lodging Managers	510	582	72	14.1%	72	98	170
11-9111	Medical and Health Services Managers	6,626	8,171	1,545	23.3%	1,545	1,675	3,220
11-9121	Natural Sciences Managers	421	510	89	21.1%	89	87	176
11-9131	Postmasters and Mail Superintendents	134	144	10	7.5%	10	30	40
11-9141	Property, Real Estate, and Community Association Managers	3,942	5,021	1,079	27.37%	1,079	686	1,765
11-9151	Social and Community Service Managers	1,079	1,329	250	23.17%	250	286	536
11-9161	Emergency Management Directors	107	119	12	11.21%	12	13	25
13-0000	Business and Financial Operations Occupations	105,314	134,917	29,603	28.1%	29,603	21,819	51,422
13-1000	Business Operations Specialists	61,809	77,839	16,030	25.9%	16,030	11,723	27,753
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	141	160	19	13.5%	19	45	64
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,065	1,320	255	23.9%	255	338	593
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	3,974	4,592	618	15.6%	618	1,092	1,710
13-1031	Claims Adjusters, Examiners, and Investigators	5,321	6,782	1,461	27.5%	1,461	1,318	2,779
13-1032	Insurance Appraisers, Auto Damage	438	525	87	19.9%	87	108	195
13-1041	Compliance Officers	3,499	4,266	767	21.9%	767	492	1,259
13-1051	Cost Estimators	3,392	4,985	1,593	47.0%	1,593	965	2,558

13-1071	Human Resources Specialists	7,422	9,270	1,848	24.9%	1,848	1,806	3,654
13-1075	Labor Relations Specialists	715	736	21	2.9%	21	174	195
13-1081	Logisticians	1,982	2,266	284	14.3%	284	276	560
13-1111	Management Analysts	8,368	10,656	2,288	27.3%	2,288	1,160	3,448
13-1121	Meeting, Convention, and Event Planners	1,543	1,903	360	23.3%	360	184	544
13-1131	Fundraisers	676	812	136	20.1%	136	94	230
13-1141	Compensation, Benefits, and Job Analysis Specialists	1,335	1,631	296	22.2%	296	325	621
13-1151	Training and Development Specialists	5,877	7,226	1,349	23.0%	1,349	1,430	2,779
13-1161	Market Research Analysts and Marketing Specialists	8,468	11,547	3,079	36.4%	3,079	1,009	4,088
13-1199	Business Operations Specialists, All Other	7,561	9,121	1,560	20.6%	1,560	901	2,461
13-2000	Financial Specialists	43,505	57,078	13,573	31.2%	13,573	10,096	23,669
13-2011	Accountants and Auditors	15,583	20,226	4,643	29.8%	4,643	4,159	8,802
13-2021	Appraisers and Assessors of Real Estate	836	1,091	255	30.5%	255	134	389
13-2031	Budget Analysts	610	734	124	20.3%	124	152	276
13-2052	Personal Financial Advisors	5,278	7,257	1,979	37.5%	1,979	1,324	3,303
13-2053	Insurance Underwriters	902	990	88	9.8%	88	170	258
13-2071	Credit Counselors	939	1,327	388	41.3%	388	156	544
13-2072	Loan Officers	8,046	11,110	3,064	38.1%	3,064	1,338	4,402
13-2081	Tax Examiners and Collectors, and Revenue Agents	438	454	16	3.7%	16	180	196
13-2082	Tax Preparers	1,111	1,325	214	19.3%	214	278	492
13-2099	Financial Specialists, All Other	1,901	2,422	521	27.4%	521	193	714
15-0000	Computer and Mathematical Occupations	69,920	92,198	22,278	31.9%	22,279	10,158	32,437
15-1100	Computer Occupations	66,401	86,701	20,300	30.6%	20,300	9,489	29,789
15-1121	Computer Systems Analysts	12,161	17,204	5,043	41.5%	5,043	1,565	6,608
15-1122	Information Security Analysts	1,873	2,569	696	37.2%	696	241	937
15-1131	Computer Programmers	3,689	3,823	134	3.6%	134	909	1,043
15-1132	Software Developers, Applications	10,704	14,183	3,479	32.5%	3,479	1,530	5,009
15-1133	Software Developers, Systems Software	6,575	8,153	1,578	24.0%	1,578	940	2,518
15-1134	Web Developers	2,205	3,272	1,067	48.4%	1,067	284	1,351
15-1141	Database Administrators	3,026	3,815	789	26.1%	789	652	1,441
15-1142	Network and Computer Systems Administrators	5,922	7,511	1,589	26.8%	1,589	762	2,351
15-1143	Computer Network Architects	2,925	3,854	929	31.8%	929	376	1,305
15-1151	Computer User Support Specialists	11,057	14,407	3,350	30.3%	3,350	1,423	4,773
15-1152	Computer Network Support Specialists	4,677	5,918	1,241	26.5%	1,241	602	1,843
15-2000	Mathematical Science Occupations	3,519	5,497	1,978	56.2%	1,979	669	2,648
15-2011	Actuaries	371	535	164	44.2%	164	110	274
15-2031	Operations Research Analysts	2,729	4,325	1,596	58.5%	1,596	486	2,082
15-2041	Statisticians	405	620	215	53.1%	215	71	286
17-0000	Architecture and Engineering Occupations	39,044	43,736	4,692	12.0%	5,206	9,468	14,674
17-1000	Architects, Surveyors, and Cartographers	2,422	3,051	629	26.0%	629	493	1,122
17-1011	Architects, Except Landscape and Naval	1,455	1,856	401	27.6%	401	239	640
17-1022	Surveyors	507	585	78	15.4%	78	157	235
17-2000	Engineers	22,766	25,476	2,710	11.9%	2,811	6,017	8,828
17-2011	Aerospace Engineers	787	792	5	0.6%	5	225	230
17-2031	Biomedical Engineers	393	514	121	30.8%	121	104	225
17-2041	Chemical Engineers	150	171	21	14.0%	21	41	62
17-2051	Civil Engineers	3,766	4,985	1,219	32.4%	1,219	1,112	2,331
17-2061	Computer Hardware Engineers	1,660	1,559	(101)	-6.1%	-	341	341
17-2071	Electrical Engineers	3,667	3,846	179	4.9%	179	808	987
17-2072	Electronics Engineers, Except Computer	3,075	3,446	371	12.1%	371	678	1,049
17-2081	Environmental Engineers	383	465	82	21.4%	82	108	190

17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	366	442	76	20.8%	76	107	183
17-2112	Industrial Engineers	4,066	4,186	120	3.0%	120	1,193	1,313
17-2141	Mechanical Engineers	2,760	3,185	425	15.4%	425	874	1,299
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	134	163	29	21.6%	29	35	64
17-2199	Engineers, All Other	925	1,023	98	10.6%	98	186	284
17-3000	Drafters, Engineering Technicians, and Mapping Technicians	13,856	15,209	1,353	9.8%	1,766	2,958	4,724
17-3011	Architectural and Civil Drafters	1,269	1,498	229	18.1%	229	150	379
17-3012	Electrical and Electronics Drafters	585	718	133	22.7%	133	69	202
17-3013	Mechanical Drafters	415	428	13	3.1%	13	49	62
17-3019	Drafters, All Other	374	474	100	26.7%	100	44	144
17-3022	Civil Engineering Technicians	918	1,202	284	30.9%	284	224	508
17-3023	Electrical and Electronics Engineering Technicians	3,252	3,552	300	9.2%	300	795	1,095
17-3024	Electro-Mechanical Technicians	578	579	1	0.2%	1	141	142
17-3025	Environmental Engineering Technicians	135	168	33	24.4%	33	33	66
17-3027	Mechanical Engineering Technicians	385	453	68	17.7%	68	94	162
17-3029	Engineering Technicians, Except Drafters, All Other	1,545	2,091	546	35.3%	546	378	924
17-3031	Surveying and Mapping Technicians	724	751	27	3.7%	27	82	109
19-0000	Life, Physical, and Social Science Occupations	9,217	11,305	2,088	22.7%	2,089	2,668	4,757
19-1000	Life Scientists	1,883	2,305	422	22.4%	422	591	1,013
19-1013	Soil and Plant Scientists	59	74	15	25.4%	15	20	35
19-1022	Microbiologists	125	152	27	21.6%	27	33	60
19-1023	Zoologists and Wildlife Biologists	130	147	17	13.1%	17	35	52
19-1029	Biological Scientists, All Other	172	203	31	18.0%	31	46	77
19-1031	Conservation Scientists	130	162	32	24.6%	32	57	89
19-1032	Foresters	53	62	9	17.0%	9	23	32
19-1041	Epidemiologists	59	66	7	11.9%	7	18	25
19-1042	Medical Scientists, Except Epidemiologists	978	1,219	241	24.6%	241	303	544
19-1099	Life Scientists, All Other	67	87	20	29.9%	20	21	41
19-2000	Physical Scientists	2,121	2,599	478	22.5%	478	585	1,063
19-2012	Physicists	57	69	12	21.1%	12	11	23
19-2031	Chemists	466	555	89	19.1%	89	102	191
19-2041	Environmental Scientists and Specialists, Including Health	1,003	1,232	229	22.8%	229	309	538
19-2042	Geoscientists, Except Hydrologists and Geographers	211	272	61	28.9%	61	65	126
19-2043	Hydrologists	250	316	66	26.4%	66	77	143
19-3000	Social Scientists and Related Workers	2,416	2,969	553	22.9%	553	465	1,018
19-3011	Economists	102	118	16	15.7%	16	27	43
19-3022	Survey Researchers	133	175	42	31.6%	42	16	58
19-3031	Clinical, Counseling, and School Psychologists	1,353	1,722	369	27.3%	369	290	659
19-3039	Psychologists, All Other	82	96	14	17.1%	14	18	32
19-3051	Urban and Regional Planners	381	422	41	10.8%	41	70	111
19-3091	Anthropologists and Archeologists	96	121	25	26.0%	25	11	36
19-3099	Social Scientists and Related Workers, All Other	147	175	28	19.1%	28	18	46
19-4000	Life, Physical, and Social Science Technicians	2,797	3,432	635	22.7%	636	1,027	1,663
19-4011	Agricultural and Food Science Technicians	80	96	16	20.0%	16	26	42
19-4021	Biological Technicians	427	527	100	23.4%	100	119	219
19-4031	Chemical Technicians	620	738	118	19.0%	118	185	303
19-4061	Social Science Research Assistants	211	259	48	22.8%	48	88	136
19-4091	Environmental Science and Protection Technicians, Including Health	461	600	139	30.2%	139	193	332
19-4092	Forensic Science Technicians	518	672	154	29.7%	154	217	371
19-4093	Forest and Conservation Technicians	108	121	13	12.0%	13	45	58
19-4099	Life, Physical, and Social Science Technicians, All Other	197	231	34	17.3%	34	83	117

21-0000	Community and Social Service Occupations	30,271	37,614	7,343	24.3%	7,343	6,622	13,965
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	27,587	34,475	6,888	25.0%	6,888	5,979	12,867
21-1011	Substance Abuse and Behavioral Disorder Counselors	1,830	2,319	489	26.7%	489	383	872
21-1012	Educational, Guidance, School, and Vocational Counselors	5,192	6,702	1,510	29.1%	1,510	1,086	2,596
21-1013	Marriage and Family Therapists	484	623	139	28.7%	139	101	240
21-1014	Mental Health Counselors	784	979	195	24.9%	195	164	359
21-1015	Rehabilitation Counselors	506	606	100	19.8%	100	106	206
21-1019	Counselors, All Other	268	334	66	24.6%	66	56	122
21-1021	Child, Family, and School Social Workers	4,152	4,922	770	18.6%	770	1,000	1,770
21-1022	Healthcare Social Workers	2,988	3,845	857	28.7%	857	720	1,577
21-1023	Mental Health and Substance Abuse Social Workers	2,276	2,778	502	22.1%	502	548	1,050
21-1029	Social Workers, All Other	638	751	113	17.7%	113	154	267
21-1091	Health Educators	1,150	1,460	310	27.0%	310	226	536
21-1092	Probation Officers and Correctional Treatment Specialists	811	904	93	11.5%	93	159	252
21-1093	Social and Human Service Assistants	5,010	6,356	1,346	26.9%	1,346	982	2,328
21-1094	Community Health Workers	448	559	111	24.8%	111	88	199
21-1099	Community and Social Service Specialists, All Other	1,050	1,337	287	27.3%	287	206	493
21-2000	Religious Workers	2,684	3,139	455	17.0%	455	643	1,098
21-2011	Clergy	1,432	1,700	268	18.7%	268	308	576
23-0000	Legal Occupations	13,387	16,470	3,083	23.0%	3,083	2,339	5,422
23-1000	Lawyers, Judges, and Related Workers	8,389	10,344	1,955	23.3%	1,955	1,240	3,195
23-1011	Lawyers	7,433	9,278	1,845	24.8%	1,845	1,086	2,931
23-1012	Judicial Law Clerks	176	176	-	0.0%	-	39	39
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	196	206	10	5.1%	10	29	39
23-1022	Arbitrators, Mediators, and Conciliators	243	323	80	32.9%	80	36	116
23-1023	Judges, Magistrate Judges, and Magistrates	341	361	20	5.9%	20	50	70
23-2000	Legal Support Workers	4,998	6,126	1,128	22.6%	1,128	1,099	2,227
23-2011	Paralegals and Legal Assistants	3,681	4,585	904	24.6%	904	809	1,713
23-2091	Court Reporters	81	92	11	13.6%	11	18	29
23-2093	Title Examiners, Abstractors, and Searchers	940	1,084	144	15.3%	144	207	351
23-2099	Legal Support Workers, All Other	296	365	69	23.3%	69	65	134
25-0000	Education, Training, and Library Occupations	90,205	114,989	24,784	27.5%	24,784	19,549	44,333
25-1000	Postsecondary Teachers	14,636	19,455	4,819	32.9%	4,819	2,587	7,406
25-1011	Business Teachers, Postsecondary	1,043	1,349	306	29.3%	306	184	490
25-1021	Computer Science Teachers, Postsecondary	312	403	91	29.2%	91	55	146
25-1022	Mathematical Science Teachers, Postsecondary	506	700	194	38.3%	194	90	284
25-1042	Biological Science Teachers, Postsecondary	419	576	157	37.5%	157	74	231
25-1052	Chemistry Teachers, Postsecondary	152	208	56	36.8%	56	27	83
25-1054	Physics Teachers, Postsecondary	103	140	37	35.9%	37	18	55
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	386	528	142	36.8%	142	68	210
25-1065	Political Science Teachers, Postsecondary	149	195	46	30.9%	46	26	72
25-1066	Psychology Teachers, Postsecondary	596	821	225	37.8%	225	105	330
25-1067	Sociology Teachers, Postsecondary	226	309	83	36.7%	83	40	123
25-1071	Health Specialties Teachers, Postsecondary	1,950	2,751	801	41.1%	801	345	1,146
25-1072	Nursing Instructors and Teachers, Postsecondary	304	421	117	38.5%	117	54	171
25-1081	Education Teachers, Postsecondary	1,079	1,400	321	29.8%	321	191	512
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	161	233	72	44.7%	72	28	100
25-1113	Social Work Teachers, Postsecondary	372	503	131	35.2%	131	66	197
25-1121	Art, Drama, and Music Teachers, Postsecondary	580	764	184	31.7%	184	103	287
25-1122	Communications Teachers, Postsecondary	436	569	133	30.5%	133	77	210
25-1123	English Language and Literature Teachers, Postsecondary	510	669	159	31.2%	159	90	249

25-1124	Foreign Language and Literature Teachers, Postsecondary	84	111	27	32.1%	27	15	42
25-1126	Philosophy and Religion Teachers, Postsecondary	240	318	78	32.5%	78	42	120
25-1191	Graduate Teaching Assistants	318	401	83	26.1%	83	56	139
25-1194	Vocational Education Teachers, Postsecondary	2,240	2,836	596	26.6%	596	396	992
25-1199	Postsecondary Teachers, All Other	930	1,209	279	30.0%	279	165	444
25-2000	Preschool, Primary, Secondary, and Special Education School Teachers	45,044	57,002	11,958	26.6%	11,958	10,592	22,550
25-2011	Preschool Teachers, Except Special Education	6,671	8,772	2,101	31.5%	2,101	1,952	4,053
25-2012	Kindergarten Teachers, Except Special Education	2,137	2,692	555	26.0%	555	625	1,180
25-2021	Elementary School Teachers, Except Special Education	15,400	19,381	3,981	25.9%	3,981	3,406	7,387
25-2022	Middle School Teachers, Except Special and Career/Technical Education	6,223	7,830	1,607	25.8%	1,607	1,376	2,983
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,089	11,424	2,335	25.7%	2,335	2,156	4,491
25-2032	Career/Technical Education Teachers, Secondary School	650	768	118	18.2%	118	154	272
25-2051	Special Education Teachers, Preschool	226	291	65	28.8%	65	43	108
25-2052	Special Education Teachers, Kindergarten and Elementary School	2,014	2,532	518	25.7%	518	380	898
25-2053	Special Education Teachers, Middle School	841	1,057	216	25.7%	216	158	374
25-2054	Special Education Teachers, Secondary School	1,618	2,032	414	25.6%	414	305	719
25-3000	Other Teachers and Instructors	10,658	13,624	2,966	27.8%	2,966	2,009	4,975
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	2,579	3,280	701	27.2%	701	486	1,187
25-3098	Substitute Teachers	4,171	5,300	1,129	27.1%	1,129	786	1,915
25-4000	Librarians, Curators, and Archivists	2,113	2,482	369	17.5%	369	630	999
25-4011	Archivists	91	106	15	16.5%	15	28	43
25-4012	Curators	98	113	15	15.3%	15	30	45
25-4013	Museum Technicians and Conservators	69	78	9	13.0%	9	21	30
25-4021	Librarians	1,150	1,343	193	16.8%	193	215	408
25-4031	Library Technicians	705	842	137	19.4%	137	336	473
25-9000	Other Education, Training, and Library Occupations	17,754	22,426	4,672	26.3%	4,672	3,731	8,403
25-9031	Instructional Coordinators	2,755	3,462	707	25.7%	707	265	972
25-9041	Teacher Assistants	14,093	17,813	3,720	26.4%	3,720	3,379	7,099
25-9099	Education, Training, and Library Workers, All Other	752	955	203	27.0%	203	72	275
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	24,321	29,247	4,926	20.3%	4,949	5,915	10,864
27-1000	Art and Design Workers	8,564	10,132	1,568	18.3%	1,568	2,001	3,569
27-1011	Art Directors	204	239	35	17.2%	35	38	73
27-1014	Multimedia Artists and Animators	236	301	65	27.5%	65	44	109
27-1021	Commercial and Industrial Designers	250	275	25	10.0%	25	59	84
27-1023	Floral Designers	418	480	62	14.8%	62	99	161
27-1024	Graphic Designers	2,427	2,884	457	18.8%	457	577	1,034
27-1025	Interior Designers	760	962	202	26.6%	202	181	383
27-1026	Merchandise Displayers and Window Trimmers	3,825	4,454	629	16.4%	629	910	1,539
27-1027	Set and Exhibit Designers	105	124	19	18.1%	19	25	44
27-1029	Designers, All Other	81	109	28	34.6%	28	19	47
27-2000	Entertainers and Performers, Sports and Related Workers	5,650	6,862	1,212	21.5%	1,212	1,941	3,153
27-2012	Producers and Directors	1,046	1,204	158	15.1%	158	336	494
27-2021	Athletes and Sports Competitors	352	389	37	10.5%	37	119	156
27-2022	Coaches and Scouts	2,195	2,688	493	22.5%	493	741	1,234
27-2041	Music Directors and Composers	115	135	20	17.4%	20	33	53
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	63	77	14	22.2%	14	20	34
27-3000	Media and Communication Workers	7,063	8,551	1,488	21.1%	1,510	1,403	2,913
27-3022	Reporters and Correspondents	613	624	11	1.8%	11	197	208
27-3031	Public Relations Specialists	2,748	3,290	542	19.7%	542	327	869
27-3041	Editors	869	972	103	11.9%	103	315	418
27-3042	Technical Writers	697	897	200	28.7%	200	159	359

27-3043	Writers and Authors	537	647	110	20.5%	110	90	200
27-3091	Interpreters and Translators	1,014	1,527	513	50.6%	513	162	675
27-3099	Media and Communication Workers, All Other	147	166	19	12.9%	19	23	42
27-4000	Media and Communication Equipment Workers	3,044	3,702	658	21.6%	659	570	1,229
27-4011	Audio and Video Equipment Technicians	1,202	1,621	419	34.9%	419	228	647
27-4012	Broadcast Technicians	258	273	15	5.8%	15	49	64
27-4021	Photographers	831	933	102	12.3%	102	203	305
27-4031	Camera Operators, Television, Video, and Motion Picture	288	323	35	12.2%	35	26	61
27-4032	Film and Video Editors	240	305	65	27.1%	65	22	87
27-4099	Media and Communication Equipment Workers, All Other	144	158	14	9.7%	14	27	41
29-0000	Healthcare Practitioners and Technical Occupations	132,054	163,901	31,847	24.1%	31,847	28,512	60,359
29-1000	Health Diagnosing and Treating Practitioners	85,485	106,139	20,654	24.2%	20,654	20,213	40,867
29-1011	Chiropractors	727	853	126	17.3%	126	131	257
29-1021	Dentists, General	1,537	1,801	264	17.2%	264	314	578
29-1022	Oral and Maxillofacial Surgeons	65	78	13	20.0%	13	13	26
29-1029	Dentists, All Other Specialists	109	125	16	14.7%	16	22	38
29-1031	Dietitians and Nutritionists	894	1,110	216	24.2%	216	67	283
29-1041	Optometrists	517	682	165	31.9%	165	184	349
29-1051	Pharmacists	4,909	5,992	1,083	22.1%	1,083	1,145	2,228
29-1062	Family and General Practitioners	2,548	2,878	330	13.0%	330	686	1,016
29-1063	Internists, General	349	383	34	9.7%	34	94	128
29-1064	Obstetricians and Gynecologists	389	457	68	17.5%	68	105	173
29-1065	Pediatricians, General	642	717	75	11.7%	75	173	248
29-1066	Psychiatrists	477	591	114	23.9%	114	128	242
29-1067	Surgeons	231	278	47	20.4%	47	62	109
29-1069	Physicians and Surgeons, All Other	3,596	4,338	742	20.6%	742	968	1,710
29-1071	Physician Assistants	1,729	2,308	579	33.5%	579	388	967
29-1081	Podiatrists	213	242	29	13.6%	29	43	72
29-1122	Occupational Therapists	1,264	1,600	336	26.6%	336	244	580
29-1123	Physical Therapists	3,631	4,942	1,311	36.1%	1,311	973	2,284
29-1124	Radiation Therapists	318	378	60	18.9%	60	74	134
29-1125	Recreational Therapists	241	314	73	30.3%	73	56	129
29-1126	Respiratory Therapists	2,982	3,652	670	22.5%	670	702	1,372
29-1127	Speech-Language Pathologists	1,532	1,941	409	26.7%	409	387	796
29-1128	Exercise Physiologists	85	100	15	17.7%	15	8	23
29-1129	Therapists, All Other	63	75	12	19.1%	12	6	18
29-1131	Veterinarians	993	1,266	273	27.5%	273	153	426
29-1141	Registered Nurses	52,849	65,587	12,738	24.1%	12,738	12,469	25,207
29-1151	Nurse Anesthetists	164	199	35	21.3%	35	39	74
29-1171	Nurse Practitioners	1,755	2,413	658	37.5%	658	414	1,072
29-1181	Audiologists	153	207	54	35.3%	54	36	90
29-1199	Health Diagnosing and Treating Practitioners, All Other	178	218	40	22.5%	40	41	81
29-2000	Health Technologists and Technicians	44,328	54,956	10,628	24.0%	10,628	7,851	18,479
29-2011	Medical and Clinical Laboratory Technologists	2,438	2,994	556	22.8%	556	583	1,139
29-2012	Medical and Clinical Laboratory Technicians	2,335	2,872	537	23.0%	537	558	1,095
29-2021	Dental Hygienists	2,359	2,763	404	17.1%	404	388	792
29-2031	Cardiovascular Technologists and Technicians	1,174	1,518	344	29.3%	344	222	566
29-2032	Diagnostic Medical Sonographers	1,296	1,681	385	29.7%	385	245	630
29-2033	Nuclear Medicine Technologists	398	445	47	11.8%	47	75	122
29-2034	Radiologic Technologists	3,601	4,205	604	16.8%	604	680	1,284
29-2035	Magnetic Resonance Imaging Technologists	796	931	135	17.0%	135	150	285

29-2041	Emergency Medical Technicians and Paramedics	2,510	3,302	792	31.6%	792	411	1,203
29-2051	Dietetic Technicians	912	1,086	174	19.1%	174	90	264
29-2052	Pharmacy Technicians	6,692	8,580	1,888	28.2%	1,888	663	2,551
29-2053	Psychiatric Technicians	1,035	1,267	232	22.4%	232	103	335
29-2054	Respiratory Therapy Technicians	516	520	4	0.8%	4	51	55
29-2055	Surgical Technologists	2,335	2,856	521	22.3%	521	231	752
29-2056	Veterinary Technologists and Technicians	1,368	1,915	547	40.0%	547	135	682
29-2057	Ophthalmic Medical Technicians	458	562	104	22.7%	104	45	149
29-2061	Licensed Practical and Licensed Vocational Nurses	5,662	6,724	1,062	18.8%	1,062	1,611	2,673
29-2071	Medical Records and Health Information Technicians	4,658	5,734	1,076	23.1%	1,076	1,043	2,119
29-2081	Opticians, Dispensing	1,152	1,523	371	32.2%	371	307	678
29-2091	Orthotists and Prosthetists	123	174	51	41.5%	51	12	63
29-2092	Hearing Aid Specialists	155	215	60	38.7%	60	15	75
29-2099	Health Technologists and Technicians, All Other	2,355	3,089	734	31.2%	734	233	967
29-9000	Other Healthcare Practitioners and Technical Occupations	2,241	2,806	565	25.2%	565	448	1,013
29-9011	Occupational Health and Safety Specialists	894	1,090	196	21.9%	196	179	375
29-9012	Occupational Health and Safety Technicians	61	75	14	23.0%	14	12	26
29-9091	Athletic Trainers	492	679	187	38.0%	187	98	285
29-9099	Healthcare Practitioners and Technical Workers, All Other	768	929	161	21.0%	161	154	315
31-0000	Healthcare Support Occupations	60,960	76,250	15,290	25.1%	15,290	13,176	28,466
31-1000	Nursing, Psychiatric, and Home Health Aides	30,313	37,840	7,527	24.8%	7,527	6,846	14,373
31-1011	Home Health Aides	12,175	16,001	3,826	31.4%	3,826	2,750	6,576
31-1013	Psychiatric Aides	222	256	34	15.3%	34	50	84
31-1014	Nursing Assistants	16,856	20,305	3,449	20.5%	3,449	3,807	7,256
31-1015	Orderlies	1,060	1,278	218	20.6%	218	239	457
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	3,295	4,562	1,267	38.5%	1,267	953	2,220
31-2021	Physical Therapist Assistants	1,382	1,844	462	33.4%	462	400	862
31-2022	Physical Therapist Aides	696	951	255	36.6%	255	201	456
31-9000	Other Healthcare Support Occupations	27,352	33,848	6,496	23.8%	6,496	5,377	11,873
31-9011	Massage Therapists	3,763	4,988	1,225	32.6%	1,225	280	1,505
31-9091	Dental Assistants	4,606	5,394	788	17.1%	788	1,139	1,927
31-9092	Medical Assistants	13,014	16,037	3,023	23.2%	3,023	2,713	5,736
31-9093	Medical Equipment Preparers	1,090	1,331	241	22.1%	241	227	468
31-9094	Medical Transcriptionists	936	1,166	230	24.6%	230	195	425
31-9095	Pharmacy Aides	334	416	82	24.6%	82	70	152
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	557	697	140	25.1%	140	116	256
31-9097	Phlebotomists	2,075	2,676	601	29.0%	601	433	1,034
31-9099	Healthcare Support Workers, All Other	977	1,143	166	17.0%	166	204	370
33-0000	Protective Service Occupations	45,069	54,078	9,009	20.0%	9,011	9,835	18,846
33-1000	Supervisors of Protective Service Workers	4,447	5,112	665	15.0%	665	1,491	2,156
33-1011	First-Line Supervisors of Correctional Officers	673	714	41	6.1%	41	195	236
33-1012	First-Line Supervisors of Police and Detectives	1,335	1,483	148	11.1%	148	475	623
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	905	1,017	112	12.4%	112	429	541
33-1099	First-Line Supervisors of Protective Service Workers, All Other	1,534	1,898	364	23.7%	364	392	756
33-2000	Fire Fighting and Prevention Workers	2,694	3,029	335	12.4%	335	781	1,116
33-2011	Firefighters	2,607	2,931	324	12.4%	324	756	1,080
33-2021	Fire Inspectors and Investigators	87	98	11	12.6%	11	25	36
33-3000	Law Enforcement Workers	13,989	15,874	1,885	13.5%	1,887	4,128	6,015
33-3011	Bailiffs	131	146	15	11.5%	15	36	51
33-3012	Correctional Officers and Jailers	6,801	7,853	1,052	15.5%	1,052	1,870	2,922
33-3021	Detectives and Criminal Investigators	1,182	1,278	96	8.1%	96	287	383

33-3051	Police and Sheriff's Patrol Officers	5,762	6,478	716	12.4%	716	1,900	2,616
33-9000	Other Protective Service Workers	23,939	30,063	6,124	25.6%	6,124	3,435	9,559
33-9021	Private Detectives and Investigators	183	241	58	31.7%	58	48	106
33-9032	Security Guards	18,519	23,612	5,093	27.5%	5,093	2,606	7,699
33-9091	Crossing Guards	999	1,255	256	25.6%	256	179	435
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	1,404	1,621	217	15.5%	217	198	415
33-9093	Transportation Security Screeners	646	709	63	9.8%	63	91	154
33-9099	Protective Service Workers, All Other	2,062	2,484	422	20.5%	422	290	712
35-0000	Food Preparation and Serving Related Occupations	176,993	220,046	43,053	24.3%	43,123	66,310	109,433
35-1000	Supervisors of Food Preparation and Serving Workers	16,058	20,509	4,451	27.7%	4,451	4,574	9,025
35-1011	Chefs and Head Cooks	1,330	1,681	351	26.4%	351	199	550
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	14,728	18,828	4,100	27.8%	4,100	4,375	8,475
35-2000	Cooks and Food Preparation Workers	37,505	45,679	8,174	21.8%	8,244	10,015	18,259
35-2011	Cooks, Fast Food	8,406	8,336	(70)	-0.8%	-	2,224	2,224
35-2012	Cooks, Institution and Cafeteria	4,390	5,310	920	21.0%	920	1,161	2,081
35-2014	Cooks, Restaurant	16,984	22,540	5,556	32.7%	5,556	4,494	10,050
35-2015	Cooks, Short Order	830	927	97	11.7%	97	220	317
35-2019	Cooks, All Other	274	364	90	32.9%	90	72	162
35-2021	Food Preparation Workers	6,608	8,186	1,578	23.9%	1,578	1,841	3,419
35-3000	Food and Beverage Serving Workers	102,405	128,662	26,257	25.6%	26,257	40,458	66,715
35-3011	Bartenders	7,615	9,733	2,118	27.8%	2,118	2,862	4,980
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	47,072	61,314	14,242	30.3%	14,242	15,212	29,454
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,869	5,899	1,030	21.2%	1,030	2,927	3,957
35-3031	Waiters and Waitresses	37,925	45,801	7,876	20.8%	7,876	18,248	26,124
35-3041	Food Servers, Nonrestaurant	4,924	5,915	991	20.1%	991	1,209	2,200
35-9000	Other Food Preparation and Serving Related Workers	21,025	25,196	4,171	19.8%	4,171	11,263	15,434
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	7,450	9,110	1,660	22.3%	1,660	3,723	5,383
35-9021	Dishwashers	7,034	8,015	981	14.0%	981	3,039	4,020
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	5,873	7,261	1,388	23.6%	1,388	4,167	5,555
35-9099	Food Preparation and Serving Related Workers, All Other	668	810	142	21.3%	142	334	476
37-0000	Building and Grounds Cleaning and Maintenance Occupations	57,858	73,737	15,879	27.4%	15,879	11,594	27,473
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	3,873	4,945	1,072	27.7%	1,072	629	1,701
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	1,888	2,334	446	23.6%	446	298	744
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,985	2,611	626	31.5%	626	331	957
37-2000	Building Cleaning and Pest Control Workers	39,146	49,226	10,080	25.8%	10,080	8,289	18,369
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	26,447	33,825	7,378	27.9%	7,378	5,253	12,631
37-2012	Maids and Housekeeping Cleaners	11,190	13,485	2,295	20.5%	2,295	2,669	4,964
37-3000	Grounds Maintenance Workers	14,839	19,566	4,727	31.9%	4,727	2,676	7,403
37-3011	Landscaping and Groundskeeping Workers	14,219	18,757	4,538	31.9%	4,538	2,564	7,102
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	379	503	124	32.7%	124	68	192
39-0000	Personal Care and Service Occupations	69,926	88,266	18,340	26.2%	18,348	13,330	31,678
39-1000	Supervisors of Personal Care and Service Workers	4,221	5,108	887	21.0%	887	831	1,718
39-1021	First-Line Supervisors of Personal Service Workers	3,989	4,847	858	21.5%	858	754	1,612
39-2000	Animal Care and Service Workers	2,410	3,020	610	25.3%	610	516	1,126
39-3000	Entertainment Attendants and Related Workers	8,825	10,531	1,706	19.3%	1,714	3,946	5,660
39-3012	Gaming and Sports Book Writers and Runners	566	655	89	15.7%	89	152	241
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,277	2,525	248	10.9%	248	1,435	1,683
39-3091	Amusement and Recreation Attendants	3,927	4,978	1,051	26.8%	1,051	1,645	2,696
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	297	302	5	1.7%	5	124	129
39-3099	Entertainment Attendants and Related Workers, All Other	582	716	134	23.0%	134	244	378
39-4000	Funeral Service Workers	441	495	54	12.2%	54	97	151

39-4021	Funeral Attendants	207	229	22	10.6%	22	45	67
39-5000	Personal Appearance Workers	7,751	9,217	1,466	18.9%	1,466	1,578	3,044
39-5012	Hairdressers, Hairstylists, and Cosmetologists	5,353	6,309	956	17.9%	956	1,378	2,334
39-5092	Manicurists and Pedicurists	1,330	1,584	254	19.1%	254	104	358
39-5094	Skincare Specialists	919	1,145	226	24.6%	226	72	298
39-6000	Baggage Porters, Bellhops, and Concierges	1,162	1,359	197	17.0%	197	236	433
39-6011	Baggage Porters and Bellhops	514	589	75	14.6%	75	104	179
39-6012	Concierges	648	770	122	18.8%	122	132	254
39-7000	Tour and Travel Guides	564	650	86	15.3%	86	222	308
39-9000	Other Personal Care and Service Workers	44,552	57,886	13,334	29.9%	13,334	5,904	19,238
39-9011	Childcare Workers	4,861	6,177	1,316	27.1%	1,316	1,434	2,750
39-9021	Personal Care Aides	28,718	38,413	9,695	33.8%	9,695	2,323	12,018
39-9031	Fitness Trainers and Aerobics Instructors	5,178	6,462	1,284	24.8%	1,284	955	2,239
39-9032	Recreation Workers	4,143	4,866	723	17.5%	723	764	1,487
39-9041	Residential Advisors	697	874	177	25.4%	177	212	389
39-9099	Personal Care and Service Workers, All Other	955	1,094	139	14.6%	139	216	355
41-0000	Sales and Related Occupations	218,219	262,211	43,992	20.2%	43,992	63,319	107,311
41-1000	Supervisors of Sales Workers	23,982	28,390	4,408	18.4%	4,408	4,832	9,240
41-1011	First-Line Supervisors of Retail Sales Workers	19,110	22,374	3,264	17.1%	3,264	4,271	7,535
41-1012	First-Line Supervisors of Non-Retail Sales Workers	4,872	6,016	1,144	23.5%	1,144	561	1,705
41-2000	Retail Sales Workers	115,623	136,562	20,939	18.1%	20,939	42,278	63,217
41-2011	Cashiers	39,934	45,650	5,716	14.3%	5,716	16,991	22,707
41-2021	Counter and Rental Clerks	6,156	7,540	1,384	22.5%	1,384	1,524	2,908
41-2031	Retail Salespersons	66,013	79,247	13,234	20.1%	13,234	22,881	36,115
41-3000	Sales Representatives, Services	36,615	46,867	10,252	28.0%	10,252	8,161	18,413
41-3011	Advertising Sales Agents	1,997	2,196	199	10.0%	199	592	791
41-3031	Securities, Commodities, and Financial Services Sales Agents	6,355	8,036	1,681	26.5%	1,681	1,096	2,777
41-3099	Sales Representatives, Services, All Other	17,283	22,210	4,927	28.5%	4,927	3,682	8,609
41-4000	Sales Representatives, Wholesale and Manufacturing	23,545	27,555	4,010	17.0%	4,010	4,844	8,854
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	5,920	6,776	856	14.5%	856	1,218	2,074
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	17,625	20,779	3,154	17.9%	3,154	3,626	6,780
41-9000	Other Sales and Related Workers	18,454	22,837	4,383	23.8%	4,383	3,204	7,587
41-9011	Demonstrators and Product Promoters	2,005	2,489	484	24.1%	484	594	1,078
41-9022	Real Estate Sales Agents	2,853	3,624	771	27.0%	771	199	970
41-9031	Sales Engineers	1,407	1,692	285	20.3%	285	364	649
41-9041	Telemarketers	9,548	11,800	2,252	23.6%	2,252	1,761	4,013
41-9099	Sales and Related Workers, All Other	1,402	1,786	384	27.4%	384	196	580
43-0000	Office and Administrative Support Occupations	345,025	418,029	73,004	21.2%	73,355	70,638	143,993
43-1000	Supervisors of Office and Administrative Support Workers	29,490	36,965	7,475	25.4%	7,475	4,456	11,931
43-1011	First-Line Supervisors of Office and Administrative Support Workers	29,490	36,965	7,475	25.4%	7,475	4,456	11,931
43-2000	Communications Equipment Operators	1,345	1,116	(229)	-17.0%	2	172	174
43-2011	Switchboard Operators, Including Answering Service	1,238	1,026	(212)	-17.1%	-	146	146
43-3000	Financial Clerks	45,468	52,360	6,892	15.2%	6,892	9,012	15,904
43-3011	Bill and Account Collectors	7,678	8,774	1,096	14.3%	1,096	1,877	2,973
43-3021	Billing and Posting Clerks	8,424	10,547	2,123	25.2%	2,123	1,761	3,884
43-3031	Bookkeeping, Accounting, and Auditing Clerks	19,013	20,730	1,717	9.0%	1,717	1,864	3,581
43-3051	Payroll and Timekeeping Clerks	1,884	2,166	282	15.0%	282	505	787
43-3071	Tellers	5,204	6,175	971	18.7%	971	2,035	3,006
43-3099	Financial Clerks, All Other	1,905	2,457	552	29.0%	552	512	1,064
43-4000	Information and Record Clerks	110,201	139,430	29,229	26.5%	29,229	26,353	55,582
43-4011	Brokerage Clerks	2,779	3,218	439	15.8%	439	676	1,115

43-4021	Correspondence Clerks	261	264	3	1.2%	3	71	74
43-4031	Court, Municipal, and License Clerks	1,769	1,990	221	12.5%	221	107	328
43-4041	Credit Authorizers, Checkers, and Clerks	1,066	1,239	173	16.2%	173	88	261
43-4051	Customer Service Representatives	64,386	85,377	20,991	32.6%	20,991	15,856	36,847
43-4061	Eligibility Interviewers, Government Programs	742	887	145	19.5%	145	81	226
43-4071	File Clerks	2,473	2,672	199	8.1%	199	498	697
43-4081	Hotel, Motel, and Resort Desk Clerks	2,787	3,167	380	13.6%	380	1,441	1,821
43-4111	Interviewers, Except Eligibility and Loan	1,610	1,946	336	20.9%	336	367	703
43-4121	Library Assistants, Clerical	634	744	110	17.4%	110	196	306
43-4131	Loan Interviewers and Clerks	5,147	7,168	2,021	39.3%	2,021	791	2,812
43-4141	New Accounts Clerks	1,268	1,499	231	18.2%	231	308	539
43-4151	Order Clerks	3,593	4,133	540	15.0%	540	975	1,515
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,602	1,790	188	11.7%	188	181	369
43-4171	Receptionists and Information Clerks	11,736	13,819	2,083	17.8%	2,083	3,163	5,246
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	4,500	4,828	328	7.3%	328	565	893
43-4199	Information and Record Clerks, All Other	3,848	4,689	841	21.9%	841	989	1,830
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	54,115	63,119	9,004	16.6%	9,059	14,153	23,212
43-5011	Cargo and Freight Agents	351	430	79	22.5%	79	115	194
43-5021	Couriers and Messengers	494	635	141	28.5%	141	62	203
43-5031	Police, Fire, and Ambulance Dispatchers	804	822	18	2.2%	18	201	219
43-5032	Dispatchers, Except Police, Fire, and Ambulance	3,316	4,272	956	28.8%	956	829	1,785
43-5041	Meter Readers, Utilities	376	321	(55)	-14.6%	-	67	67
43-5051	Postal Service Clerks	1,167	1,242	75	6.4%	75	140	215
43-5052	Postal Service Mail Carriers	6,457	6,879	422	6.5%	422	1,247	1,669
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	2,545	2,558	13	0.5%	13	295	308
43-5061	Production, Planning, and Expediting Clerks	6,255	7,776	1,521	24.3%	1,521	1,697	3,218
43-5071	Shipping, Receiving, and Traffic Clerks	7,509	8,550	1,041	13.9%	1,041	1,631	2,672
43-5081	Stock Clerks and Order Fillers	24,103	28,774	4,671	19.4%	4,671	7,650	12,321
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	738	860	122	16.5%	122	219	341
43-6000	Secretaries and Administrative Assistants	53,350	63,170	9,820	18.4%	9,820	5,625	15,445
43-6011	Executive Secretaries and Executive Administrative Assistants	6,459	6,880	421	6.5%	421	681	1,102
43-6012	Legal Secretaries	2,276	2,523	247	10.9%	247	240	487
43-6013	Medical Secretaries	14,252	17,539	3,287	23.1%	3,287	1,503	4,790
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	30,363	36,228	5,865	19.3%	5,865	3,201	9,066
43-9000	Other Office and Administrative Support Workers	51,056	61,869	10,813	21.2%	10,878	10,867	21,745
43-9011	Computer Operators	519	499	(20)	-3.9%	-	39	39
43-9021	Data Entry Keyers	3,598	4,221	623	17.3%	623	458	1,081
43-9022	Word Processors and Typists	313	296	(17)	-5.4%	-	11	11
43-9031	Desktop Publishers	126	120	(6)	-4.8%	-	34	34
43-9041	Insurance Claims and Policy Processing Clerks	4,385	5,769	1,384	31.6%	1,384	1,098	2,482
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	1,665	1,644	(21)	-1.3%	-	340	340
43-9061	Office Clerks, General	36,753	44,946	8,193	22.3%	8,193	7,926	16,119
43-9071	Office Machine Operators, Except Computer	1,188	1,228	40	3.4%	40	271	311
43-9081	Proofreaders and Copy Markers	103	121	18	17.5%	18	20	38
43-9111	Statistical Assistants	173	172	(1)	-0.6%	-	70	70
43-9199	Office and Administrative Support Workers, All Other	2,233	2,853	620	27.8%	620	600	1,220
45-0000	Farming, Fishing, and Forestry Occupations	7,459	8,280	821	11.0%	821	1,966	2,787
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	242	251	9	3.7%	9	59	68
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	242	251	9	3.7%	9	59	68
45-2000	Agricultural Workers	7,173	7,984	811	11.3%	811	1,897	2,708
45-2041	Graders and Sorters, Agricultural Products	124	128	4	3.2%	4	20	24

45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	1,480	1,706	226	15.3%	226	394	620
45-2099	Agricultural Workers, All Other	438	507	69	15.8%	69	117	186
47-0000	Construction and Extraction Occupations	79,871	120,010	40,139	50.3%	40,139	11,893	52,032
47-1000	Supervisors of Construction and Extraction Workers	10,850	16,524	5,674	52.3%	5,674	860	6,534
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	10,850	16,524	5,674	52.3%	5,674	860	6,534
47-2000	Construction Trades Workers	61,831	93,374	31,543	51.0%	31,543	9,606	41,149
47-2021	Brickmasons and Blockmasons	551	957	406	73.7%	406	46	452
47-2031	Carpenters	6,593	9,891	3,298	50.0%	3,298	758	4,056
47-2044	Tile and Marble Setters	654	975	321	49.1%	321	92	413
47-2051	Cement Masons and Concrete Finishers	3,421	5,378	1,957	57.2%	1,957	417	2,374
47-2061	Construction Laborers	14,866	22,804	7,938	53.4%	7,938	2,965	10,903
47-2071	Paving, Surfacing, and Tamping Equipment Operators	525	762	237	45.1%	237	125	362
47-2073	Operating Engineers and Other Construction Equipment Operators	3,713	5,094	1,381	37.2%	1,381	619	2,000
47-2081	Drywall and Ceiling Tile Installers	2,156	3,147	991	46.0%	991	132	1,123
47-2082	Tapers	738	1,069	331	44.9%	331	45	376
47-2111	Electricians	10,545	16,289	5,744	54.5%	5,744	1,610	7,354
47-2121	Glaziers	458	645	187	40.8%	187	66	253
47-2141	Painters, Construction and Maintenance	3,620	5,367	1,747	48.3%	1,747	576	2,323
47-2151	Pipelayers	567	813	246	43.4%	246	75	321
47-2152	Plumbers, Pipefitters, and Steamfitters	4,996	7,633	2,637	52.8%	2,637	660	3,297
47-2161	Plasterers and Stucco Masons	1,212	1,794	582	48.0%	582	51	633
47-2171	Reinforcing Iron and Rebar Workers	420	725	305	72.6%	305	64	369
47-2181	Roofers	2,123	3,304	1,181	55.6%	1,181	324	1,505
47-2211	Sheet Metal Workers	1,639	2,265	626	38.2%	626	353	979
47-2221	Structural Iron and Steel Workers	587	820	233	39.7%	233	98	331
47-3000	Helpers, Construction Trades	2,120	3,339	1,219	57.5%	1,219	266	1,485
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	399	679	280	70.2%	280	50	330
47-3012	Helpers--Carpenters	310	485	175	56.5%	175	39	214
47-3013	Helpers--Electricians	500	790	290	58.0%	290	63	353
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	568	880	312	54.9%	312	71	383
47-3019	Helpers, Construction Trades, All Other	177	252	75	42.4%	75	22	97
47-4000	Other Construction and Related Workers	4,308	5,789	1,481	34.4%	1,481	1,013	2,494
47-4011	Construction and Building Inspectors	1,369	1,716	347	25.4%	347	382	729
47-4021	Elevator Installers and Repairers	273	430	157	57.5%	157	42	199
47-4041	Hazardous Materials Removal Workers	424	574	150	35.4%	150	94	244
47-4051	Highway Maintenance Workers	706	830	124	17.6%	124	188	312
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	208	286	78	37.5%	78	51	129
47-4099	Construction and Related Workers, All Other	531	785	254	47.8%	254	81	335
47-5000	Extraction Workers	762	984	222	29.1%	222	148	370
47-5012	Rotary Drill Operators, Oil and Gas	53	80	27	50.9%	27	18	45
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	89	125	36	40.5%	36	17	53
47-5081	Helpers--Extraction Workers	130	178	48	36.9%	48	15	63
49-0000	Installation, Maintenance, and Repair Occupations	72,053	90,217	18,164	25.2%	18,256	16,458	34,714
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	7,451	9,211	1,760	23.6%	1,760	1,486	3,246
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	7,451	9,211	1,760	23.6%	1,760	1,486	3,246
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	7,938	9,633	1,695	21.4%	1,778	1,219	2,997
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,164	1,384	220	18.9%	220	225	445
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	2,831	3,510	679	24.0%	679	256	935
49-2091	Avionics Technicians	401	495	94	23.4%	94	69	163
49-2092	Electric Motor, Power Tool, and Related Repairers	281	347	66	23.5%	66	78	144
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	634	717	83	13.1%	83	110	193

49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	211	128	(83)	-39.3%	-	36	36
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	707	871	164	23.2%	164	101	265
49-2098	Security and Fire Alarm Systems Installers	899	1,313	414	46.1%	414	222	636
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	21,634	25,905	4,271	19.7%	4,271	5,343	9,614
49-3011	Aircraft Mechanics and Service Technicians	2,934	3,311	377	12.9%	377	698	1,075
49-3021	Automotive Body and Related Repairers	1,304	1,594	290	22.2%	290	299	589
49-3023	Automotive Service Technicians and Mechanics	8,595	10,111	1,516	17.6%	1,516	2,301	3,817
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	2,939	3,812	873	29.7%	873	505	1,378
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,229	2,795	566	25.4%	566	527	1,093
49-3043	Rail Car Repairers	172	195	23	13.4%	23	41	64
49-3052	Motorcycle Mechanics	166	204	38	22.9%	38	33	71
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	657	801	144	21.9%	144	132	276
49-3093	Tire Repairers and Changers	1,878	2,167	289	15.4%	289	639	928
49-9000	Other Installation, Maintenance, and Repair Occupations	35,030	45,468	10,438	29.8%	10,447	8,410	18,857
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	425	477	52	12.2%	52	168	220
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	4,528	7,015	2,487	54.9%	2,487	691	3,178
49-9031	Home Appliance Repairers	590	672	82	13.9%	82	159	241
49-9041	Industrial Machinery Mechanics	2,507	3,421	914	36.5%	914	650	1,564
49-9043	Maintenance Workers, Machinery	720	894	174	24.2%	174	115	289
49-9044	Millwrights	318	503	185	58.2%	185	64	249
49-9051	Electrical Power-Line Installers and Repairers	1,103	1,487	384	34.8%	384	439	823
49-9052	Telecommunications Line Installers and Repairers	983	1,473	490	49.9%	490	179	669
49-9062	Medical Equipment Repairers	517	611	94	18.2%	94	93	187
49-9071	Maintenance and Repair Workers, General	17,060	21,089	4,029	23.6%	4,029	4,471	8,500
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	528	527	(1)	-0.2%	-	69	69
49-9094	Locksmiths and Safe Repairers	204	210	6	2.9%	6	104	110
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,469	1,941	472	32.1%	472	474	946
49-9099	Installation, Maintenance, and Repair Workers, All Other	3,116	3,960	844	27.1%	844	476	1,320
51-0000	Production Occupations	82,664	94,526	11,862	14.4%	12,904	18,099	31,003
51-1000	Supervisors of Production Workers	6,398	7,211	813	12.7%	813	1,011	1,824
51-1011	First-Line Supervisors of Production and Operating Workers	6,398	7,211	813	12.7%	813	1,011	1,824
51-2000	Assemblers and Fabricators	18,312	20,689	2,377	13.0%	2,598	3,491	6,089
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	568	600	32	5.6%	32	114	146
51-2022	Electrical and Electronic Equipment Assemblers	4,232	4,021	(211)	-5.0%	-	521	521
51-2023	Electromechanical Equipment Assemblers	163	183	20	12.3%	20	20	40
51-2031	Engine and Other Machine Assemblers	195	221	26	13.3%	26	39	65
51-2041	Structural Metal Fabricators and Fitters	395	460	65	16.5%	65	65	130
51-2092	Team Assemblers	8,220	9,386	1,166	14.2%	1,166	1,765	2,931
51-2099	Assemblers and Fabricators, All Other	4,408	5,693	1,285	29.2%	1,285	947	2,232
51-3000	Food Processing Workers	5,531	6,602	1,071	19.4%	1,071	1,158	2,229
51-3011	Bakers	2,198	2,647	449	20.4%	449	481	930
51-3023	Slaughtering and Meat Packers	384	447	63	16.4%	63	76	139
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	66	73	7	10.6%	7	14	21
51-3092	Food Batchmakers	693	789	96	13.9%	96	149	245
51-3093	Food Cooking Machine Operators and Tenders	361	437	76	21.1%	76	75	151
51-3099	Food Processing Workers, All Other	311	385	74	23.8%	74	64	138
51-4000	Metal Workers and Plastic Workers	15,117	16,588	1,471	9.7%	2,037	3,911	5,948
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,573	1,989	416	26.5%	416	478	894
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	246	306	60	24.4%	60	75	135
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	241	213	(28)	-11.6%	-	59	59
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	202	199	(3)	-1.5%	-	50	50

51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	941	798	(143)	-15.2%	-	119	119
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	730	619	(111)	-15.2%	-	304	304
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	245	223	(22)	-9.0%	-	60	60
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	68	60	(8)	-11.8%	-	12	12
51-4041	Machinists	4,278	5,146	868	20.3%	868	1,237	2,105
51-4051	Metal-Refining Furnace Operators and Tenders	106	107	1	0.9%	1	34	35
51-4071	Foundry Mold and Coremakers	86	68	(18)	-20.9%	-	13	13
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,151	1,105	(46)	-4.0%	-	171	171
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	215	242	27	12.6%	27	37	64
51-4111	Tool and Die Makers	400	393	(7)	-1.8%	-	20	20
51-4121	Welders, Cutters, Solderers, and Brazers	2,930	3,557	627	21.4%	627	840	1,467
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	89	81	(8)	-9.0%	-	15	15
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	607	492	(115)	-19.0%	-	150	150
51-4194	Tool Grinders, Filers, and Sharpeners	138	121	(17)	-12.3%	-	34	34
51-4199	Metal Workers and Plastic Workers, All Other	348	386	38	10.9%	38	60	98
51-5100	Printing Workers	3,046	3,405	359	11.8%	359	461	820
51-5111	Prepress Technicians and Workers	379	396	17	4.5%	17	60	77
51-5112	Printing Press Operators	1,735	1,953	218	12.6%	218	261	479
51-5113	Print Binding and Finishing Workers	932	1,056	124	13.3%	124	140	264
51-6000	Textile, Apparel, and Furnishings Workers	5,760	6,394	634	11.0%	652	884	1,536
51-6011	Laundry and Dry-Cleaning Workers	2,893	3,123	230	8.0%	230	416	646
51-6021	Pressers, Textile, Garment, and Related Materials	710	728	18	2.5%	18	166	184
51-6031	Sewing Machine Operators	683	782	99	14.5%	99	42	141
51-6052	Tailors, Dressmakers, and Custom Sewers	128	113	(15)	-11.7%	-	43	43
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	189	213	24	12.7%	24	31	55
51-6093	Upholsterers	372	465	93	25.0%	93	96	189
51-7000	Woodworkers	2,857	3,785	928	32.5%	928	382	1,310
51-7011	Cabinetmakers and Bench Carpenters	1,732	2,366	634	36.6%	634	140	774
51-7021	Furniture Finishers	162	211	49	30.3%	49	28	77
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	326	421	95	29.1%	95	93	188
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	449	565	116	25.8%	116	78	194
51-8000	Plant and System Operators	3,149	3,594	445	14.1%	447	976	1,423
51-8021	Stationary Engineers and Boiler Operators	131	159	28	21.4%	28	36	64
51-8031	Water and Wastewater Treatment Plant and System Operators	1,332	1,612	280	21.0%	280	338	618
51-9000	Other Production Occupations	22,494	26,258	3,764	16.7%	3,999	5,825	9,824
51-9011	Chemical Equipment Operators and Tenders	262	300	38	14.5%	38	83	121
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	551	637	86	15.6%	86	174	260
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	334	368	34	10.2%	34	72	106
51-9022	Grinding and Polishing Workers, Hand	180	197	17	9.4%	17	39	56
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	1,103	1,291	188	17.0%	188	239	427
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	411	503	92	22.4%	92	82	174
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	292	305	13	4.5%	13	105	118
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	89	92	3	3.4%	3	23	26
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	6,120	6,957	837	13.7%	837	1,539	2,376
51-9081	Dental Laboratory Technicians	774	955	181	23.4%	181	186	367
51-9082	Medical Appliance Technicians	395	490	95	24.1%	95	95	190
51-9111	Packaging and Filling Machine Operators and Tenders	2,460	2,961	501	20.4%	501	877	1,378
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	739	856	117	15.8%	117	139	256
51-9122	Painters, Transportation Equipment	572	700	128	22.4%	128	108	236
51-9141	Semiconductor Processors	744	655	(89)	-12.0%	-	152	152
51-9151	Photographic Process Workers and Processing Machine Operators	487	360	(127)	-26.1%	-	94	94

51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	145	170	25	17.2%	25	38	63
51-9194	Etchers and Engravers	187	218	31	16.6%	31	49	80
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	262	293	31	11.8%	31	90	121
51-9196	Paper Goods Machine Setters, Operators, and Tenders	448	497	49	10.9%	49	63	112
51-9198	Helpers--Production Workers	3,050	3,631	581	19.1%	581	995	1,576
51-9199	Production Workers, All Other	2,412	3,314	902	37.4%	902	494	1,396
53-0000	Transportation and Material Moving Occupations	113,572	137,947	24,375	21.5%	24,375	27,454	51,829
53-1000	Supervisors of Transportation and Material Moving Workers	4,513	5,517	1,004	22.3%	1,004	1,447	2,451
53-1011	Aircraft Cargo Handling Supervisors	134	150	16	11.9%	16	43	59
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	2,429	2,954	525	21.6%	525	779	1,304
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	1,950	2,413	463	23.7%	463	625	1,088
53-2000	Air Transportation Workers	13,465	14,278	813	6.0%	813	2,875	3,688
53-2012	Commercial Pilots	1,389	1,683	294	21.2%	294	338	632
53-3000	Motor Vehicle Operators	43,632	53,802	10,170	23.3%	10,170	7,383	17,553
53-3021	Bus Drivers, Transit and Intercity	2,295	2,936	641	27.9%	641	302	943
53-3022	Bus Drivers, School or Special Client	4,225	5,157	932	22.1%	932	555	1,487
53-3031	Driver/Sales Workers	5,046	6,185	1,139	22.6%	1,139	858	1,997
53-3032	Heavy and Tractor-Trailer Truck Drivers	17,425	20,810	3,385	19.4%	3,385	2,964	6,349
53-3033	Light Truck or Delivery Services Drivers	10,431	13,488	3,057	29.3%	3,057	1,774	4,831
53-3041	Taxi Drivers and Chauffeurs	3,061	3,712	651	21.3%	651	578	1,229
53-4000	Rail Transportation Workers	1,644	1,823	179	10.9%	179	637	816
53-5000	Water Transportation Workers	337	466	129	38.3%	129	110	239
53-6000	Other Transportation Workers	3,817	4,511	694	18.2%	694	1,594	2,288
53-6021	Parking Lot Attendants	1,144	1,318	174	15.2%	174	637	811
53-6031	Automotive and Watercraft Service Attendants	1,237	1,529	292	23.6%	292	492	784
53-6051	Transportation Inspectors	634	745	111	17.5%	111	163	274
53-6061	Transportation Attendants, Except Flight Attendants	325	388	63	19.4%	63	60	123
53-7000	Material Moving Workers	46,164	57,550	11,386	24.7%	11,386	13,408	24,794
53-7011	Conveyor Operators and Tenders	398	538	140	35.2%	140	115	255
53-7032	Excavating and Loading Machine and Dragline Operators	397	539	142	35.8%	142	46	188
53-7051	Industrial Truck and Tractor Operators	4,752	6,168	1,416	29.8%	1,416	1,183	2,599
53-7061	Cleaners of Vehicles and Equipment	3,817	4,720	903	23.7%	903	1,330	2,233
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	28,768	36,343	7,575	26.3%	7,575	8,563	16,138
53-7063	Machine Feeders and Offbearers	508	605	97	19.1%	97	112	209
53-7081	Refuse and Recyclable Material Collectors	729	864	135	18.5%	135	183	318
53-7199	Material Moving Workers, All Other	107	119	12	11.2%	12	34	46

¹ For more information on the Standard Occupational Classification (SOC) system, go to:

<http://www.bls.gov/soc/home.htm>

² Total average annual openings is the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Some occupations are suppressed due to confidentiality or base employment less than 50.

Headings in bold font are the major occupational groups of the Standard Occupational Classification (SOC) system. Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading. Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

The projections presented should be viewed as indicators of relative magnitude and probable direction rather than as forecasts of absolute occupational demand.

Furthermore, the occupational forecasts are only measures of expected employment and demand for labor and indicate little about future labor supply.

It is therefore recommended that these data be used with other sources of occupational information.

[See Notes worksheet for additional information on methodology.](#)

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For more information on occupational projections, visit: <http://www.bls.gov/emp/>