Employment Projections 2012-2022

Data on Projected Net Employment Growth, Projected Replacements, and Total Job Growth for All 675 Detailed 5-digit Occupation Codes

				Change in Total			
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	mud.	T. 1	T 1	Employment	Net Employment		Total Openings Per
SOC Code	Title	<u> </u>	Employment 2022	2012-2022	Change Per Year	Per Year	Year
111021	General and Operations Managers	55,959	62,608	6,649	665	1,047	1,712
112011	Advertising and Promotions Managers	934	1,020	86	9	29	38
112021	Marketing Managers	7,627	8,476	849	85	164	249
112022	Sales Managers	11,951	12,978	1,027	103	256	359
112031	Public Relations and Fundraising Managers	2,615	3,004	389	39	56	95
113011	Administrative Services Managers	10,799	12,103	1,304	130	176	306
113021	Computer and Information Systems Managers	16,460	19,003	2,543	254	229	483
113031	Financial Managers	21,964	24,166	2,202	220	412	632
113051	Industrial Production Managers	3,878	3,700	-178	0	70	70
113061	Purchasing Managers	2,304	2,362	58	6	50	56
113071	Transportation, Storage, and Distribution Managers	2,181	2,335	154	15	50	65
113111	Compensation and Benefits Managers	1,113	1,163	50	5	29	34
113121	Human Resources Managers	3,320	3,769	449	45	87	132
113131	Training and Development Managers	1,159	1,306	147	15	30	45
119021	Construction Managers	10,099	11,283	1,184	118	159	277
119031	Education Administrators, Preschool and Childcare Center/Program	2,263	2,624	361	36	60	96
119032	Education Administrators, Elementary and Secondary School	5,968	6,248	280	28	159	187
119033	Education Administrators, Postsecondary	7,588	8,604	1,016	102	202	304
119039	Education Administrators, All Other	1,209	1,391	182	18	32	50
119041	Architectural and Engineering Managers	6,466	6,680	214	21	159	180
119051	Food Service Managers	8,201	8,928	727	73	146	219
119061	Funeral Service Managers	273	340	67	7	6	13
119081	Lodging Managers	1,338	1,467	129	13	41	54
119111	Medical and Health Services Managers	10,459	12,672	2,213	221	254	475
119121	Natural Sciences Managers	2,627	2,952	325	32	55	87
119131	Postmasters and Mail Superintendents	357	290	-67	0	8	8
119141	Property, Real Estate, and Community Association Managers	7,783	8,707	924	92	176	268
119151	Social and Community Service Managers	5,724	6,996	1,272	127	118	245
119161	Emergency Management Directors	153	167	14	1	2	3
119199	Managers, All Other	10,002	10,678	676	68	219	287
131011	Agents and Business Managers of Artists, Performers, and Athletes	312	363	51	5	7	12
131021	Buyers and Purchasing Agents, Farm Products	291	312	21	2	6	8
131022	Wholesale and Retail Buyers, Except Farm Products	3,749	4,110	361	36	93	129
131023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	6,898	6,997	99	10	125	135
131031	Claims Adjusters, Examiners, and Investigators	9,951	10,327	376	38	230	268

				Change in Total			
				Employment	Net Employment	Replacements 7	Total Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
131032	Insurance Appraisers, Auto Damage	681	645	-36	0	16	16
131041	Compliance Officers	6,218	6,801	583	58	115	173
131051	Cost Estimators	5,082	6,286	1,204	120	163	283
131071	Human Resources Specialists	10,976	11,794	818	82	200	282
131075	Labor Relations Specialists	2,269	2,558	289	29	42	71
131081	Logisticians	2,080	2,562	482	48	24	72
131111	Management Analysts	27,103	33,070	5,967	597	420	1,017
131121	Meeting, Convention, and Event Planners	2,296	3,099	803	80	32	112
131131	Fundraisers	2,856	3,487	631	63	56	119
131141	Compensation, Benefits, and Job Analysis Specialists	3,724	4,006	282	28	68	96
131151	Training and Development Specialists	5,353	6,205	852	85	98	183
131161	Market Research Analysts and Marketing Specialists	15,071	19,850	4,779	478	207	685
131199	Business Operations Specialists, All Other	13,931	15,497	1,566	157	191	348
132011	Accountants and Auditors	37,131	41,587	4,456	446	1,099	1,545
132021	Appraisers and Assessors of Real Estate	1,863	1,945	82	8	17	25
132031	Budget Analysts	1,897	2,016	119	12	76	88
132041	Credit Analysts	1,725	1,985	260	26	43	69
132051	Financial Analysts	15,160	17,464	2,304	230	369	599
132052	Personal Financial Advisors	8,122	9,863	1,741	174	131	305
132053	Insurance Underwriters	3,497	3,228	-269	0	95	95
132061	Financial Examiners	1,200	1,308	108	11	30	41
132071	Credit Counselors	724	876	152	15	13	28
132072	Loan Officers	5,172	5,870	698	70	95	165
132081	Tax Examiners and Collectors, and Revenue Agents	2,288	2,296	8	1	79	80
132082	Tax Preparers	1,965	2,095	130	13	40	53
132099	Financial Specialists, All Other	2,238	2,431	193	19	24	43
151111	Computer and Information Research Scientists	865	985	120	12	14	26
151121	Computer Systems Analysts	16,820	20,837	4,017	402	264	666
151122	Information Security Analysts	2,635	3,664	1,029	103	41	144
151131	Computer Programmers	8,511	9,095	584	58	222	280
151132	Software Developers, Applications	27,353	32,937	5,584	558	351	909
151133	Software Developers, Systems Software	30,032	36,293	6,261	626	385	1,011
151134	Web Developers	6,067	7,436	1,369	137	95	232
151141	Database Administrators	4,498	5,413	915	92	85	177
151142	Network and Computer Systems Administrators	10,019	11,279	1,260	126	157	283

				Change in Total			
				Employment	Net Employment	Replacements To	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
151143	Computer Network Architects	4,897	5,780	883	88	77	165
151151	Computer User Support Specialists	17,624	21,050	3,426	343	277	620
151152	Computer Network Support Specialists	5,106	5,714	608	61	80	141
151199	Computer Occupations, All Other	3,662	4,006	344	34	58	92
152011	Actuaries	968	1,206	238	24	28	52
152031	Operations Research Analysts	2,605	3,435	830	83	59	142
152041	Statisticians	1,704	2,270	566	57	54	111
171011	Architects, Except Landscape and Naval	4,400	5,038	638	64	104	168
171012	Landscape Architects	701	782	81	8	17	25
171022	Surveyors	671	723	52	5	14	19
172011	Aerospace Engineers	990	968	-22	0	23	23
172031	Biomedical Engineers	1,739	2,217	478	48	44	92
172041	Chemical Engineers	1,202	1,302	100	10	28	38
172051	Civil Engineers	6,552	7,740	1,188	119	159	278
172061	Computer Hardware Engineers	3,788	4,150	362	36	82	118
172071	Electrical Engineers	7,682	7,979	297	30	168	198
172072	Electronics Engineers, Except Computer	5,195	5,603	408	41	113	154
172081	Environmental Engineers	2,962	3,320	358	36	72	108
172111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	484	509	25	2	14	16
172112	Industrial Engineers	6,102	6,027	-75	0	178	178
172121	Marine Engineers and Naval Architects	322	374	52	5	8	13
172131	Materials Engineers	1,222	1,211	-11	0	38	38
172141	Mechanical Engineers	8,315	8,402	87	9	284	293
172199	Engineers, All Other	1,730	1,792	62	6	32	38
173011	Architectural and Civil Drafters	2,174	2,099	-75	0	29	29
173012	Electrical and Electronics Drafters	604	611	7	1	8	9
173013	Mechanical Drafters	1,154	1,015	-139	0	15	15
173022	Civil Engineering Technicians	802	819	17	2	17	19
173023	Electrical and Electronics Engineering Technicians	6,062	5,769	-293	0	126	126
173024	Electro-Mechanical Technicians	1,525	1,534	9	1	32	33
173025	Environmental Engineering Technicians	518	619	101	10	11	21
173026	Industrial Engineering Technicians	3,004	2,814	-190	0	62	62
173027	Mechanical Engineering Technicians	1,252	1,242	-10	0	26	26
173029	Engineering Technicians, Except Drafters, All Other	1,222	1,156	-66	0	25	25
173031	Surveying and Mapping Technicians	614	707	93	9	11	20

				Change in Total			
				Employment	Net Employment	Replacements T	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
191012	Food Scientists and Technologists	232	279	47	5	8	13
191021	Biochemists and Biophysicists	3,233	3,917	684	68	92	160
191022	Microbiologists	1,684	1,889	205	20	48	68
191023	Zoologists and Wildlife Biologists	788	912	124	12	22	34
191029	Biological Scientists, All Other	1,072	1,179	107	11	31	42
191031	Conservation Scientists	553	627	74	7	16	23
191032	Foresters	133	153	20	2	4	6
191041	Epidemiologists	412	474	62	6	9	15
191042	Medical Scientists, Except Epidemiologists	9,352	10,533	1,181	118	197	315
191099	Life Scientists, All Other	626	679	53	5	13	18
192012	Physicists	471	529	58	6	12	18
192021	Atmospheric and Space Scientists	641	754	113	11	16	27
192031	Chemists	3,852	4,189	337	34	100	134
192032	Materials Scientists	507	521	14	1	13	14
192041	Environmental Scientists and Specialists, Including Health	2,430	2,931	501	50	72	122
192042	Geoscientists, Except Hydrologists and Geographers	220	247	27	3	6	9
192043	Hydrologists	156	184	28	3	5	8
193011	Economists	845	1,031	186	19	25	44
193022	Survey Researchers	520	616	96	10	7	17
193031	Clinical, Counseling, and School Psychologists	5,540	6,005	465	46	151	197
193032	Industrial-Organizational Psychologists	299	381	82	8	8	16
193039	Psychologists, All Other	475	536	61	6	13	19
193041	Sociologists	172	202	30	3	5	8
193051	Urban and Regional Planners	1,500	1,627	127	13	67	80
193099	Social Scientists and Related Workers, All Other	719	807	88	9	12	21
194011	Agricultural and Food Science Technicians	172	187	15	2	6	8
194021	Biological Technicians	5,637	6,543	906	91	169	260
194031	Chemical Technicians	2,211	2,449	238	24	54	78
194061	Social Science Research Assistants	1,862	2,110	248	25	73	98
194091	Environmental Science and Protection Technicians, Including Health	1,108	1,373	265	26	44	70
194093	Forest and Conservation Technicians	229	279	50	5	9	14
194099	Life, Physical, and Social Science Technicians, All Other	1,097	1,203	106	11	43	54
211011	Substance Abuse and Behavioral Disorder Counselors	3,531	4,556	1,025	102	75	177
211012	Educational, Guidance, School, and Vocational Counselors	6,425	7,128	703	70	137	207
211013	Marriage and Family Therapists	1,367	1,777	410	41	29	70

				Change in Total			
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SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
211014	Mental Health Counselors	8,178	9,943	1,765	176	174	350
211015	Rehabilitation Counselors	4,406	5,073	667	67	94	161
211019	Counselors, All Other	475	588	113	11	10	21
211021	Child, Family, and School Social Workers	10,190	12,015	1,825	182	216	398
211022	Healthcare Social Workers	11,059	13,202	2,143	214	234	448
211023	Mental Health and Substance Abuse Social Workers	4,698	5,482	784	78	100	178
211029	Social Workers, All Other	724	815	91	9	15	24
211091	Health Educators	1,854	2,296	442	44	48	92
211092	Probation Officers and Correctional Treatment Specialists	414	418	4	0	11	11
211093	Social and Human Service Assistants	18,255	21,677	3,422	342	477	819
211094	Community Health Workers	1,301	1,588	287	29	34	63
211099	Community and Social Service Specialists, All Other	1,586	1,935	349	35	42	77
212011	Clergy	456	553	97	10	9	19
231011	Lawyers	22,637	24,593	1,956	196	362	558
231022	Arbitrators, Mediators, and Conciliators	238	277	39	4	4	8
232011	Paralegals and Legal Assistants	6,992	8,071	1,079	108	114	222
232091	Court Reporters	157	168	11	1	3	4
232093	Title Examiners, Abstractors, and Searchers	933	1,012	79	8	15	23
232099	Legal Support Workers, All Other	297	304	7	1	5	6
251011	Business Teachers, Postsecondary	2,042	2,303	261	26	31	57
251021	Computer Science Teachers, Postsecondary	763	851	88	9	12	21
251022	Mathematical Science Teachers, Postsecondary	1,346	1,485	139	14	20	34
251032	Engineering Teachers, Postsecondary	1,309	1,448	139	14	20	34
251042	Biological Science Teachers, Postsecondary	2,105	2,472	367	37	32	69
251051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	300	331	31	3	4	7
251052	Chemistry Teachers, Postsecondary	643	723	80	8	10	18
251053	Environmental Science Teachers, Postsecondary	216	242	26	3	3	6
251054	Physics Teachers, Postsecondary	570	641	71	7	9	16
251061	Anthropology and Archeology Teachers, Postsecondary	146	163	17	2	2	4
251062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	459	525	66	7	7	14
251063	Economics Teachers, Postsecondary	684	774	90	9	10	19
251064	Geography Teachers, Postsecondary	111	121	10	1	2	3
251065	Political Science Teachers, Postsecondary	616	699	83	8	9	17
251066	Psychology Teachers, Postsecondary	1,157	1,309	152	15	17	32
251067	Sociology Teachers, Postsecondary	702	784	82	8	10	18

				Change in Total			
				Employment	Net Employment	Replacements To	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
251069	Social Sciences Teachers, Postsecondary, All Other	177	199	22	2	3	5
251071	Health Specialties Teachers, Postsecondary	2,669	3,597	928	93	40	133
251072	Nursing Instructors and Teachers, Postsecondary	1,078	1,448	370	37	16	53
251081	Education Teachers, Postsecondary	1,384	1,569	185	18	21	39
251111	Criminal Justice and Law Enforcement Teachers, Postsecondary	178	199	21	2	3	5
251112	Law Teachers, Postsecondary	1,023	1,191	168	17	15	32
251113	Social Work Teachers, Postsecondary	264	295	31	3	4	7
251121	Art, Drama, and Music Teachers, Postsecondary	4,930	5,659	729	73	74	147
251122	Communications Teachers, Postsecondary	635	709	74	7	10	17
251123	English Language and Literature Teachers, Postsecondary	1,966	2,182	216	22	30	52
251124	Foreign Language and Literature Teachers, Postsecondary	1,418	1,617	199	20	21	41
251125	History Teachers, Postsecondary	810	910	100	10	12	22
251126	Philosophy and Religion Teachers, Postsecondary	741	877	136	14	11	25
251191	Graduate Teaching Assistants	2,362	2,584	222	22	36	58
251193	Recreation and Fitness Studies Teachers, Postsecondary	421	467	46	5	6	11
251194	Vocational Education Teachers, Postsecondary	2,076	2,279	203	20	31	51
252011	Preschool Teachers, Except Special Education	15,162	17,740	2,578	258	426	684
252012	Kindergarten Teachers, Except Special Education	3,385	3,833	448	45	95	140
252021	Elementary School Teachers, Except Special Education	25,471	28,338	2,867	287	560	847
252022	Middle School Teachers, Except Special and Career/Technical Education	15,660	17,405	1,745	174	345	519
252023	Career/Technical Education Teachers, Middle School	330	344	14	1	7	8
252031	Secondary School Teachers, Except Special and Career/Technical Education	21,573	22,511	938	94	586	680
252032	Career/Technical Education Teachers, Secondary School	2,949	3,065	116	12	80	92
252051	Special Education Teachers, Preschool	497	536	39	4	8	12
252052	Special Education Teachers, Kindergarten and Elementary School	6,765	7,067	302	30	116	146
252053	Special Education Teachers, Middle School	3,875	4,038	163	16	66	82
252054	Special Education Teachers, Secondary School	4,383	4,534	151	15	75	90
252059	Special Education Teachers, All Other	1,471	1,755	284	28	25	53
253011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	2,170	2,356	186	19	37	56
253021	Self-Enrichment Education Teachers	8,529	10,111	1,582	158	146	304
254011	Archivists	223	271	48	5	5	10
254012	Curators	565	644	79	8	12	20
254013	Museum Technicians and Conservators	471	528	57	6	10	16
254021	Librarians	4,549	4,890	341	34	103	137
254031	Library Technicians	3,465	3,767	302	30	187	217

				Change in Total			
				Employment	Net Employment	Replacements T	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
259011	Audio-Visual and Multimedia Collections Specialists	294	290	-4	0	2	2
259031	Instructional Coordinators	3,765	4,237	472	47	32	79
259041	Teacher Assistants	32,489	34,789	2,300	230	737	967
271011	Art Directors	2,768	2,682	-86	0	66	66
271012	Craft Artists	314	339	25	2	7	9
271013	Fine Artists, Including Painters, Sculptors, and Illustrators	762	786	24	2	18	20
271014	Multimedia Artists and Animators	1,398	1,542	144	14	33	47
271019	Artists and Related Workers, All Other	241	269	28	3	6	9
271021	Commercial and Industrial Designers	1,041	1,017	-24	0	28	28
271022	Fashion Designers	186	182	-4	0	5	5
271023	Floral Designers	1,593	1,571	-22	0	42	42
271024	Graphic Designers	6,812	7,119	307	31	180	211
271025	Interior Designers	1,516	1,714	198	20	40	60
271026	Merchandise Displayers and Window Trimmers	1,613	1,685	72	7	43	50
271027	Set and Exhibit Designers	175	194	19	2	5	7
272012	Producers and Directors	2,721	2,854	133	13	92	105
272021	Athletes and Sports Competitors	443	516	73	7	13	20
272022	Coaches and Scouts	6,928	8,209	1,281	128	205	333
272023	Umpires, Referees, and Other Sports Officials	332	368	36	4	10	14
272041	Music Directors and Composers	629	633	4	0	17	17
272042	Musicians and Singers	811	870	59	6	22	28
272099	Entertainers and Performers, Sports and Related Workers, All Other	144	164	20	2	2	4
273011	Radio and Television Announcers	884	816	-68	0	18	18
273021	Broadcast News Analysts	134	117	-17	0	5	5
273022	Reporters and Correspondents	1,349	1,219	-130	0	46	46
273031	Public Relations Specialists	8,086	9,280	1,194	119	111	230
273041	Editors	4,578	4,612	34	3	111	114
273042	Technical Writers	1,971	2,246	275	28	60	88
273043	Writers and Authors	2,727	2,798	71	7	59	66
273091	Interpreters and Translators	2,203	3,131	928	93	30	123
273099	Media and Communication Workers, All Other	131	140	9	1	2	3
274011	Audio and Video Equipment Technicians	2,145	2,481	336	34	39	73
274012	Broadcast Technicians	780	744	-36	0	14	14
274013	Radio Operators	216	226	10	1	4	5
274014	Sound Engineering Technicians	279	296	17	2	5	7

				Change in Total			
				Employment	Net Employment	Replacements 7	Total Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
274021	Photographers	3,550	3,567	17	2	37	39
274031	Camera Operators, Television, Video, and Motion Picture	579	605	26	3	4	7
274032	Film and Video Editors	340	365	25	2	3	5
291011	Chiropractors	726	747	21	2	14	16
291021	Dentists, General	4,673	4,907	234	23	114	137
291022	Oral and Maxillofacial Surgeons	484	508	24	2	12	14
291023	Orthodontists	326	341	15	2	8	10
291031	Dietitians and Nutritionists	1,987	2,406	419	42	24	66
291041	Optometrists	810	909	99	10	24	34
291051	Pharmacists	6,651	7,407	756	76	159	235
291061	Anesthesiologists	557	635	78	8	14	22
291062	Family and General Practitioners	1,068	1,133	65	6	27	33
291063	Internists, General	2,885	3,043	158	16	72	88
291064	Obstetricians and Gynecologists	609	640	31	3	15	18
291065	Pediatricians, General	3,123	3,314	191	19	78	97
291066	Psychiatrists	951	1,059	108	11	24	35
291067	Surgeons	1,162	1,325	163	16	29	45
291069	Physicians and Surgeons, All Other	9,483	10,812	1,329	133	237	370
291071	Physician Assistants	2,907	3,745	838	84	52	136
291081	Podiatrists	298	335	37	4	6	10
291122	Occupational Therapists	5,058	6,137	1,079	108	69	177
291123	Physical Therapists	7,335	9,318	1,983	198	180	378
291124	Radiation Therapists	498	598	100	10	10	20
291125	Recreational Therapists	1,113	1,249	136	14	23	37
291126	Respiratory Therapists	2,282	2,730	448	45	33	78
291127	Speech-Language Pathologists	4,053	4,649	596	60	61	121
291128	Exercise Physiologists	111	119	8	1	1	2
291129	Therapists, All Other	293	350	57	6	4	10
291131	Veterinarians	1,537	1,686	149	15	49	64
291141	Registered Nurses	78,750	93,307	14,557	1,456	1,527	2,983
291151	Nurse Anesthetists	437	511	74	7	8	15
291161	Nurse Midwives	182	227	45	4	4	8
291171	Nurse Practitioners	4,460	5,604	1,144	114	86	200
291181	Audiologists	286	361	75	8	6	14
291199	Health Diagnosing and Treating Practitioners, All Other	709	757	48	5	15	20

				Change in Total			
				Employment	Net Employment	Replacements T	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
292011	Medical and Clinical Laboratory Technologists	6,539	7,296	757	76	171	247
292012	Medical and Clinical Laboratory Technicians	5,302	6,575	1,273	127	139	266
292021	Dental Hygienists	5,846	7,007	1,161	116	150	266
292031	Cardiovascular Technologists and Technicians	1,193	1,550	357	36	17	53
292032	Diagnostic Medical Sonographers	1,464	2,080	616	62	21	83
292033	Nuclear Medicine Technologists	638	754	116	12	9	21
292034	Radiologic Technologists	5,493	6,493	1,000	100	77	177
292035	Magnetic Resonance Imaging Technologists	917	1,094	177	18	13	31
292041	Emergency Medical Technicians and Paramedics	6,922	8,193	1,271	127	189	316
292051	Dietetic Technicians	1,441	1,706	265	26	14	40
292052	Pharmacy Technicians	7,477	8,612	1,135	114	74	188
292054	Respiratory Therapy Technicians	219	251	32	3	2	5
292055	Surgical Technologists	2,356	3,033	677	68	23	91
292056	Veterinary Technologists and Technicians	2,539	3,182	643	64	25	89
292057	Ophthalmic Medical Technicians	1,374	1,625	251	25	14	39
292061	Licensed Practical and Licensed Vocational Nurses	17,725	21,324	3,599	360	433	793
292071	Medical Records and Health Information Technicians	6,068	7,193	1,125	112	160	272
292081	Opticians, Dispensing	1,539	1,721	182	18	44	62
292091	Orthotists and Prosthetists	157	203	46	5	2	7
292099	Health Technologists and Technicians, All Other	1,603	2,030	427	43	16	59
299011	Occupational Health and Safety Specialists	1,059	1,162	103	10	29	39
299012	Occupational Health and Safety Technicians	200	216	16	2	5	7
299091	Athletic Trainers	625	742	117	12	17	29
299092	Genetic Counselors	101	132	31	3	3	6
299099	Healthcare Practitioners and Technical Workers, All Other	424	471	47	5	12	17
311011	Home Health Aides	19,759	27,738	7,979	798	376	1,174
311013	Psychiatric Aides	3,817	4,159	342	34	73	107
311014	Nursing Assistants	39,174	45,942	6,768	677	745	1,422
311015	Orderlies	1,933	2,281	348	35	37	72
312011	Occupational Therapy Assistants	1,334	1,699	365	36	34	70
312012	Occupational Therapy Aides	765	993	228	23	19	42
312021	Physical Therapist Assistants	2,114	2,758	644	64	47	111
312022	Physical Therapist Aides	1,030	1,344	314	31	23	54
319011	Massage Therapists	3,990	4,974	984	98	42	140
319091	Dental Assistants	7,019	7,895	876	88	146	234

				Change in Total			
				Employment	Net Employment	Replacements T	Total Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
319092	Medical Assistants	13,756	16,307	2,551	255	262	517
319093	Medical Equipment Preparers	1,251	1,468	217	22	24	46
319094	Medical Transcriptionists	1,511	1,518	7	1	29	30
319095	Pharmacy Aides	1,152	1,230	78	8	22	30
319096	Veterinary Assistants and Laboratory Animal Caretakers	2,197	2,432	235	24	42	66
319097	Phlebotomists	2,825	3,380	555	56	54	110
319099	Healthcare Support Workers, All Other	1,226	1,349	123	12	23	35
331012	First-Line Supervisors of Police and Detectives	4,252	4,517	265	26	126	152
331021	First-Line Supervisors of Fire Fighting and Prevention Workers	3,240	3,456	216	22	138	160
331099	First-Line Supervisors of Protective Service Workers, All Other	1,698	1,782	84	8	38	46
332011	Firefighters	11,699	12,478	779	78	319	397
333012	Correctional Officers and Jailers	6,261	6,560	299	30	166	196
333021	Detectives and Criminal Investigators	2,067	2,182	115	12	46	58
333031	Fish and Game Wardens	104	111	7	1	3	4
333041	Parking Enforcement Workers	724	722	-2	0	21	21
333051	Police and Sheriff's Patrol Officers	16,549	17,629	1,080	108	519	627
333052	Transit and Railroad Police	104	114	10	1	3	4
339011	Animal Control Workers	433	465	32	3	10	13
339032	Security Guards	19,479	20,740	1,261	126	298	424
339091	Crossing Guards	1,758	1,755	-3	0	27	27
339092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	3,043	3,783	740	74	208	282
339099	Protective Service Workers, All Other	1,235	1,383	148	15	84	99
351011	Chefs and Head Cooks	3,887	4,409	522	52	63	115
351012	First-Line Supervisors of Food Preparation and Serving Workers	19,706	23,901	4,195	420	556	976
352011	Cooks, Fast Food	10,034	10,793	759	76	198	274
352012	Cooks, Institution and Cafeteria	9,326	10,837	1,511	151	184	335
352014	Cooks, Restaurant	23,385	29,044	5,659	566	461	1,027
352015	Cooks, Short Order	4,970	5,385	415	42	98	140
352021	Food Preparation Workers	19,167	20,569	1,402	140	550	690
353011	Bartenders	18,199	22,402	4,203	420	673	1,093
353021	Combined Food Preparation and Serving Workers, Including Fast Food	58,254	70,746	12,492	1,249	2,224	3,473
353022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	17,236	18,189	953	95	1,051	1,146
353031	Waiters and Waitresses	58,572	66,836	8,264	826	2,818	3,644
353041	Food Servers, Nonrestaurant	6,803	8,301	1,498	150	199	349
359011	Dining Room and Cafeteria Attendants and Bartender Helpers	8,524	9,823	1,299	130	374	504

				Change in Total			
				Employment	Net Employment	Replacements 1	Total Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
359021	Dishwashers	13,988	15,951	1,963	196	616	812
359031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	7,984	9,100	1,116	112	601	713
359099	Food Preparation and Serving Related Workers, All Other	672	764	92	9	36	45
371011	First-Line Supervisors of Housekeeping and Janitorial Workers	5,671	6,325	654	65	136	201
371012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	5,817	6,338	521	52	66	118
372011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	55,460	59,566	4,106	411	1,044	1,455
372012	Maids and Housekeeping Cleaners	18,144	21,405	3,261	326	360	686
372019	Building Cleaning Workers, All Other	180	190	10	1	3	4
372021	Pest Control Workers	944	1,023	79	8	26	34
373011	Landscaping and Groundskeeping Workers	25,557	27,991	2,434	243	644	887
373012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	467	495	28	3	12	15
392011	Animal Trainers	355	504	149	15	16	31
392021	Nonfarm Animal Caretakers	3,726	4,748	1,022	102	45	147
393021	Motion Picture Projectionists	202	164	-38	0	8	8
393031	Ushers, Lobby Attendants, and Ticket Takers	1,739	1,781	42	4	92	96
393091	Amusement and Recreation Attendants	5,780	7,385	1,605	160	290	450
393093	Locker Room, Coatroom, and Dressing Room Attendants	1,091	1,336	245	24	55	79
394021	Funeral Attendants	837	938	101	10	18	28
395012	Hairdressers, Hairstylists, and Cosmetologists	18,463	22,927	4,464	446	432	878
395092	Manicurists and Pedicurists	2,228	2,854	626	63	18	81
395093	Shampooers	355	387	32	3	3	6
395094	Skincare Specialists	2,517	3,842	1,325	132	21	153
396011	Baggage Porters and Bellhops	681	784	103	10	17	27
396012	Concierges	1,226	1,591	365	36	30	66
399011	Childcare Workers	16,598	19,679	3,081	308	488	796
399021	Personal Care Aides	21,688	29,943	8,255	826	155	981
399031	Fitness Trainers and Aerobics Instructors	10,678	13,828	3,150	315	126	441
399032	Recreation Workers	9,094	10,738	1,644	164	107	271
399041	Residential Advisors	4,005	4,608	603	60	173	233
399099	Personal Care and Service Workers, All Other	685	824	139	14	19	33
411011	First-Line Supervisors of Retail Sales Workers	36,540	37,669	1,129	113	795	908
411012	First-Line Supervisors of Non-Retail Sales Workers	9,881	9,722	-159	0	126	126
412011	Cashiers	72,580	75,191	2,611	261	3,138	3,399
412021	Counter and Rental Clerks	7,958	8,751	793	79	203	282
412022	Parts Salespersons	4,073	4,517	444	44	103	147

				Change in Total			
				Employment	Net Employment	Replacements '	Total Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
412031	Retail Salespersons	109,827	119,163	9,336	934	3,756	4,690
413011	Advertising Sales Agents	3,187	3,194	7	1	98	99
413021	Insurance Sales Agents	8,195	8,834	639	64	193	257
413031	Securities, Commodities, and Financial Services Sales Agents	8,455	9,004	549	55	198	253
413041	Travel Agents	2,098	1,688	-410	0	32	32
413099	Sales Representatives, Services, All Other	15,097	17,589	2,492	249	412	661
414011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	15,101	16,834	1,733	173	294	467
414012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	32,343	34,807	2,464	246	630	876
419021	Real Estate Brokers	1,702	1,883	181	18	16	34
419022	Real Estate Sales Agents	4,591	5,025	434	43	43	86
419031	Sales Engineers	3,621	4,009	388	39	63	102
419041	Telemarketers	3,869	4,216	347	35	80	115
419091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	1,095	1,113	18	2	11	13
419099	Sales and Related Workers, All Other	1,168	1,302	134	13	23	36
431011	First-Line Supervisors of Office and Administrative Support Workers	35,429	39,488	4,059	406	841	1,247
432011	Switchboard Operators, Including Answering Service	3,450	2,940	-510	0	63	63
432021	Telephone Operators	342	314	-28	0	9	9
433011	Bill and Account Collectors	6,397	7,108	711	71	180	251
433021	Billing and Posting Clerks	11,557	13,034	1,477	148	213	361
433031	Bookkeeping, Accounting, and Auditing Clerks	41,191	45,731	4,540	454	378	832
433051	Payroll and Timekeeping Clerks	4,318	4,829	511	51	95	146
433061	Procurement Clerks	1,391	1,459	68	7	50	57
433071	Tellers	11,942	12,865	923	92	557	649
434011	Brokerage Clerks	1,729	1,650	-79	0	45	45
434021	Correspondence Clerks	232	246	14	1	6	7
434031	Court, Municipal, and License Clerks	1,927	2,158	231	23	30	53
434041	Credit Authorizers, Checkers, and Clerks	843	885	42	4	10	14
434051	Customer Service Representatives	50,089	55,743	5,654	565	1,363	1,928
434061	Eligibility Interviewers, Government Programs	1,480	1,645	165	16	30	46
434071	File Clerks	2,623	2,497	-126	0	60	60
434081	Hotel, Motel, and Resort Desk Clerks	3,874	4,788	914	91	184	275
434111	Interviewers, Except Eligibility and Loan	2,964	3,205	241	24	56	80
434121	Library Assistants, Clerical	2,787	3,198	411	41	122	163
434131	Loan Interviewers and Clerks	2,959	3,385	426	43	20	63
434141	New Accounts Clerks	1,536	1,552	16	2	40	42

				Change in Total			
				Employment	Net Employment	Replacements 1	Γotal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
434151	Order Clerks	4,612	4,462	-150	0	121	121
434161	Human Resources Assistants, Except Payroll and Timekeeping	3,302	3,273	-29	0	83	83
434171	Receptionists and Information Clerks	19,286	20,918	1,632	163	519	682
434181	Reservation and Transportation Ticket Agents and Travel Clerks	2,750	2,383	-367	0	36	36
434199	Information and Record Clerks, All Other	2,102	1,886	-216	0	45	45
435011	Cargo and Freight Agents	1,112	1,163	51	5	30	35
435021	Couriers and Messengers	2,974	2,691	-283	0	38	38
435031	Police, Fire, and Ambulance Dispatchers	2,714	2,945	231	23	78	101
435032	Dispatchers, Except Police, Fire, and Ambulance	3,759	4,068	309	31	108	139
435041	Meter Readers, Utilities	719	608	-111	0	18	18
435051	Postal Service Clerks	2,272	1,660	-612	0	34	34
435052	Postal Service Mail Carriers	7,924	6,212	-1,712	0	276	276
435053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	3,794	2,855	-939	0	28	28
435061	Production, Planning, and Expediting Clerks	7,215	7,410	195	20	180	200
435071	Shipping, Receiving, and Traffic Clerks	17,836	18,066	230	23	469	492
435081	Stock Clerks and Order Fillers	46,851	45,872	-979	0	1,415	1,415
435111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	932	1,040	108	11	20	31
436011	Executive Secretaries and Executive Administrative Assistants	26,566	25,964	-602	0	320	320
436012	Legal Secretaries	5,640	5,288	-352	0	68	68
436013	Medical Secretaries	19,033	24,188	5,155	516	229	745
436014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	46,118	50,453	4,335	434	555	989
439011	Computer Operators	1,995	1,630	-365	0	19	19
439021	Data Entry Keyers	3,800	2,823	-977	0	45	45
439022	Word Processors and Typists	1,267	955	-312	0	4	4
439031	Desktop Publishers	717	743	26	3	13	16
439041	Insurance Claims and Policy Processing Clerks	6,985	7,382	397	40	185	225
439051	Mail Clerks and Mail Machine Operators, Except Postal Service	2,372	2,144	-228	0	54	54
439061	Office Clerks, General	59,156	61,855	2,699	270	1,243	1,513
439071	Office Machine Operators, Except Computer	2,016	1,793	-223	0	48	48
439199	Office and Administrative Support Workers, All Other	2,073	2,127	54	5	58	63
451011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	190	205	15	2	4	6
452092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	696	691	-5	0	21	21
452093	Farmworkers, Farm, Ranch, and Aquacultural Animals	268	321	53	5	8	13
471011	First-Line Supervisors of Construction Trades and Extraction Workers	10,193	12,396	2,203	220	110	330
472011	Boilermakers	371	395	24	2	17	19

				Change in Total			
				Employment	Net Employment	Replacements T	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
472021	Brickmasons and Blockmasons	1,540	2,110	570	57	16	73
472022	Stonemasons	899	1,140	241	24	10	34
472031	Carpenters	22,231	26,620	4,389	439	274	713
472041	Carpet Installers	826	898	72	7	15	22
472042	Floor Layers, Except Carpet, Wood, and Hard Tiles	438	508	70	7	8	15
472043	Floor Sanders and Finishers	316	361	45	4	6	10
472044	Tile and Marble Setters	556	632	76	8	10	18
472051	Cement Masons and Concrete Finishers	1,225	1,533	308	31	14	45
472061	Construction Laborers	20,619	24,917	4,298	430	441	871
472071	Paving, Surfacing, and Tamping Equipment Operators	1,062	1,336	274	27	15	42
472073	Operating Engineers and Other Construction Equipment Operators	4,957	6,027	1,070	107	110	217
472081	Drywall and Ceiling Tile Installers	1,369	1,561	192	19	13	32
472082	Tapers	392	446	54	5	4	9
472111	Electricians	13,656	16,623	2,967	297	257	554
472121	Glaziers	1,090	1,259	169	17	26	43
472131	Insulation Workers, Floor, Ceiling, and Wall	596	754	158	16	8	24
472132	Insulation Workers, Mechanical	237	354	117	12	3	15
472141	Painters, Construction and Maintenance	6,379	7,593	1,214	121	97	218
472151	Pipelayers	460	547	87	9	6	15
472152	Plumbers, Pipefitters, and Steamfitters	9,164	11,266	2,102	210	114	324
472161	Plasterers and Stucco Masons	252	294	42	4	1	5
472181	Roofers	2,686	2,975	289	29	56	85
472211	Sheet Metal Workers	2,305	2,603	298	30	44	74
472221	Structural Iron and Steel Workers	725	874	149	15	24	39
473011	HelpersBrickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	548	789	241	24	9	33
473012	HelpersCarpenters	1,229	1,522	293	29	19	48
473013	HelpersElectricians	922	1,270	348	35	14	49
473014	HelpersPainters, Paperhangers, Plasterers, and Stucco Masons	237	275	38	4	4	8
473015	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	520	659	139	14	8	22
473016	HelpersRoofers	149	175	26	3	2	5
473019	Helpers, Construction Trades, All Other	544	609	65	6	8	14
474011	Construction and Building Inspectors	2,282	2,437	155	16	54	70
474021	Elevator Installers and Repairers	328	417	89	9	5	14
474031	Fence Erectors	231	309	78	8	5	13
474041	Hazardous Materials Removal Workers	1,205	1,277	72	7	26	33

Employment Projections for 675 Detailed Occupations 2012-2022

				Change in Total			
				Employment	Net Employment	Replacements T	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
474051	Highway Maintenance Workers	2,311	2,524	213	21	34	55
474061	Rail-Track Laying and Maintenance Equipment Operators	326	362	36	4	7	11
474071	Septic Tank Servicers and Sewer Pipe Cleaners	901	1,110	209	21	19	40
475021	Earth Drillers, Except Oil and Gas	134	174	40	4	4	8
491011	First-Line Supervisors of Mechanics, Installers, and Repairers	9,043	9,737	694	69	245	314
492011	Computer, Automated Teller, and Office Machine Repairers	2,603	2,664	61	6	54	60
492021	Radio, Cellular, and Tower Equipment Installers and Repairs	142	152	10	1	2	3
492022	Telecommunications Equipment Installers and Repairers, Except Line Installers	4,522	4,685	163	16	62	78
492092	Electric Motor, Power Tool, and Related Repairers	294	280	-14	0	5	5
492093	Electrical and Electronics Installers and Repairers, Transportation Equipment	114	119	5	0	2	2
492094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	1,575	1,588	13	1	32	33
492096	Electronic Equipment Installers and Repairers, Motor Vehicles	116	112	-4	0	1	1
492097	Electronic Home Entertainment Equipment Installers and Repairers	572	612	40	4	20	24
492098	Security and Fire Alarm Systems Installers	1,026	1,117	91	9	21	30
493011	Aircraft Mechanics and Service Technicians	1,280	1,176	-104	0	34	34
493021	Automotive Body and Related Repairers	3,817	3,921	104	10	73	83
493022	Automotive Glass Installers and Repairers	526	534	8	1	13	14
493023	Automotive Service Technicians and Mechanics	16,227	17,029	802	80	410	490
493031	Bus and Truck Mechanics and Diesel Engine Specialists	3,308	3,563	255	26	70	96
493041	Farm Equipment Mechanics and Service Technicians	183	196	13	11	5	6
493042	Mobile Heavy Equipment Mechanics, Except Engines	999	1,125	126	13	29	42
493051	Motorboat Mechanics and Service Technicians	484	530	46	5	10	15
493052	Motorcycle Mechanics	149	153	4	0	3	3
493053	Outdoor Power Equipment and Other Small Engine Mechanics	677	741	64	6	14	20
493091	Bicycle Repairers	312	372	60	6	11	17
493093	Tire Repairers and Changers	1,248	1,406	158	16	44	60
499011	Mechanical Door Repairers	236	279	43	4	8	12
499012	Control and Valve Installers and Repairers, Except Mechanical Door	996	1,032	36	4	34	38
499021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	7,914	9,410	1,496	150	200	350
499031	Home Appliance Repairers	1,004	1,065	61	6	31	37
499041	Industrial Machinery Mechanics	3,916	4,589	673	67	113	180
499043	Maintenance Workers, Machinery	1,452	1,609	157	16	18	34
499044	Millwrights	520	600	80	8	8	16
499051	Electrical Power-Line Installers and Repairers	2,072	2,439	367	37	72	109
499052	Telecommunications Line Installers and Repairers	5,567	5,648	81	8	137	145

Change in Total

				Change in Total			
				Employment	Net Employment	Replacements To	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
499062	Medical Equipment Repairers	992	1,259	267	27	28	55
499063	Musical Instrument Repairers and Tuners	271	268	-3	0	8	8
499069	Precision Instrument and Equipment Repairers, All Other	190	202	12	1	5	6
499071	Maintenance and Repair Workers, General	21,860	24,276	2,416	242	420	662
499091	Coin, Vending, and Amusement Machine Servicers and Repairers	678	726	48	5	7	12
499094	Locksmiths and Safe Repairers	555	564	9	1	18	19
499096	Riggers	220	286	66	7	5	12
499097	Signal and Track Switch Repairers	101	108	7	1	2	3
499098	HelpersInstallation, Maintenance, and Repair Workers	1,340	1,528	188	19	40	59
499099	Installation, Maintenance, and Repair Workers, All Other	2,981	3,238	257	26	50	76
511011	First-Line Supervisors of Production and Operating Workers	11,603	11,100	-503	0	163	163
512021	Coil Winders, Tapers, and Finishers	272	216	-56	0	3	3
512022	Electrical and Electronic Equipment Assemblers	6,566	5,591	-975	0	80	80
512023	Electromechanical Equipment Assemblers	2,891	2,653	-238	0	35	35
512031	Engine and Other Machine Assemblers	425	447	22	2	7	9
512041	Structural Metal Fabricators and Fitters	1,699	1,654	-45	0	68	68
512092	Team Assemblers	16,282	16,207	-75	0	257	257
512099	Assemblers and Fabricators, All Other	4,567	4,962	395	40	72	112
513011	Bakers	3,879	4,236	357	36	94	130
513021	Butchers and Meat Cutters	2,033	2,147	114	11	50	61
513022	Meat, Poultry, and Fish Cutters and Trimmers	942	1,016	74	7	23	30
513092	Food Batchmakers	2,026	2,170	144	14	66	80
513093	Food Cooking Machine Operators and Tenders	306	334	28	3	8	11
513099	Food Processing Workers, All Other	387	432	45	4	10	14
514011	Computer-Controlled Machine Tool Operators, Metal and Plastic	2,556	2,669	113	11	72	83
514012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	494	572	78	8	14	22
514021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	2,809	2,372	-437	0	54	54
514022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	470	368	-102	0	9	9
514023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	672	622	-50	0	13	13
514031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,574	2,236	-338	0	22	22
514032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	382	269	-113	0	7	7
514033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,807	1,400	-407	0	40	40
514034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	969	734	-235	0	19	19
514035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	783	620	-163	0	15	15
514041	Machinists	9,145	9,124	-21	0	210	210

				Change in Total			
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				Employment	Net Employment	•	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
514051	Metal-Refining Furnace Operators and Tenders	178	163	-15	0	2	2
514071	Foundry Mold and Coremakers	207	166	-41	0	2	2
514072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	3,202	2,713	-489	0	39	39
514081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2,326	1,822	-504	0	45	45
514111	Tool and Die Makers	1,266	1,149	-117	0	8	8
514121	Welders, Cutters, Solderers, and Brazers	2,986	2,947	-39	0	73	73
514122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	536	571	35	4	13	17
514191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	342	305	-37	0	7	7
514192	Layout Workers, Metal and Plastic	124	110	-14	0	2	2
514193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	1,148	924	-224	0	22	22
514194	Tool Grinders, Filers, and Sharpeners	241	212	-29	0	5	5
514199	Metal Workers and Plastic Workers, All Other	371	377	6	1	4	5
515111	Prepress Technicians and Workers	1,103	934	-169	0	28	28
515112	Printing Press Operators	3,682	3,486	-196	0	65	65
515113	Print Binding and Finishing Workers	1,481	1,366	-115	0	26	26
516011	Laundry and Dry-Cleaning Workers	6,179	7,160	981	98	183	281
516021	Pressers, Textile, Garment, and Related Materials	613	677	64	6	6	12
516031	Sewing Machine Operators	3,229	2,956	-273	0	16	16
516041	Shoe and Leather Workers and Repairers	181	164	-17	0	3	3
516042	Shoe Machine Operators and Tenders	248	218	-30	0	4	4
516051	Sewers, Hand	396	396	0	0	4	4
516052	Tailors, Dressmakers, and Custom Sewers	1,402	1,303	-99	0	15	15
516061	Textile Bleaching and Dyeing Machine Operators and Tenders	264	190	-74	0	4	4
516062	Textile Cutting Machine Setters, Operators, and Tenders	391	286	-105	0	6	6
516063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	558	413	-145	0	9	9
516064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	159	118	-41	0	3	3
516091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	226	218	-8	0	4	4
516093	Upholsterers	553	471	-82	0	15	15
516099	Textile, Apparel, and Furnishings Workers, All Other	105	82	-23	0	1	1
517011	Cabinetmakers and Bench Carpenters	1,881	1,762	-119	0	15	15
517021	Furniture Finishers	185	165	-20	0	3	3
517041	Sawing Machine Setters, Operators, and Tenders, Wood	148	155	7	1	4	5
517042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	322	312	-10	0	2	2
518012	Power Distributors and Dispatchers	265	292	27	3	8	11
518013	Power Plant Operators	568	573	5	0	18	18

				Change in Total			
				Employment	Net Employment	Replacements T	otal Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
518021	Stationary Engineers and Boiler Operators	1,042	1,098	56	6	32	38
518031	Water and Wastewater Treatment Plant and System Operators	2,534	2,862	328	33	89	122
518091	Chemical Plant and System Operators	403	400	-3	0	15	15
518092	Gas Plant Operators	262	258	-4	0	10	10
519011	Chemical Equipment Operators and Tenders	773	776	3	0	27	27
519012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	261	273	12	1	9	10
519021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	421	369	-52	0	12	12
519022	Grinding and Polishing Workers, Hand	569	522	-47	0	16	16
519023	Mixing and Blending Machine Setters, Operators, and Tenders	1,511	1,488	-23	0	43	43
519031	Cutters and Trimmers, Hand	205	171	-34	0	4	4
519032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,387	1,228	-159	0	23	23
519041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	702	616	-86	0	19	19
519051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	218	189	-29	0	5	5
519061	Inspectors, Testers, Sorters, Samplers, and Weighers	8,524	8,614	90	9	187	196
519071	Jewelers and Precious Stone and Metal Workers	1,221	1,014	-207	0	25	25
519081	Dental Laboratory Technicians	692	645	-47	0	23	23
519082	Medical Appliance Technicians	599	563	-36	0	20	20
519083	Ophthalmic Laboratory Technicians	719	705	-14	0	24	24
519111	Packaging and Filling Machine Operators and Tenders	7,690	8,113	423	42	181	223
519121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,365	1,226	-139	0	25	25
519122	Painters, Transportation Equipment	387	412	25	2	7	9
519123	Painting, Coating, and Decorating Workers	239	233	-6	0	4	4
519141	Semiconductor Processors	900	648	-252	0	21	21
519151	Photographic Process Workers and Processing Machine Operators	881	846	-35	0	26	26
519191	Adhesive Bonding Machine Operators and Tenders	248	265	17	2	6	8
519192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	566	569	3	0	13	13
519194	Etchers and Engravers	429	393	-36	0	10	10
519195	Molders, Shapers, and Casters, Except Metal and Plastic	1,403	1,449	46	5	46	51
519196	Paper Goods Machine Setters, Operators, and Tenders	2,051	1,949	-102	0	18	18
519198	HelpersProduction Workers	6,376	6,444	68	7	110	117
519199	Production Workers, All Other	2,462	2,406	-56	0	64	64
531011	Aircraft Cargo Handling Supervisors	174	182	8	1	5	6
531021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	2,978	3,282	304	30	82	112
531031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	3,551	3,849	298	30	98	128
532011	Airline Pilots, Copilots, and Flight Engineers	659	647	-12	0	19	19
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				Change in Total			
				Employment	Net Employment	Replacements T	Total Openings Per
SOC Code	Title	Employment 2012	Employment 2022	2012-2022	Change Per Year	Per Year	Year
532012	Commercial Pilots	535	566	31	3	16	19
532021	Air Traffic Controllers	160	171	11	1	7	8
532031	Flight Attendants	1,937	1,895	-42	0	32	32
533011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	941	1,151	210	21	15	36
533021	Bus Drivers, Transit and Intercity	2,685	2,888	203	20	49	69
533022	Bus Drivers, School or Special Client	11,527	13,062	1,535	154	212	366
533031	Driver/Sales Workers	8,430	9,507	1,077	108	135	243
533032	Heavy and Tractor-Trailer Truck Drivers	22,429	24,796	2,367	237	359	596
533033	Light Truck or Delivery Services Drivers	24,301	25,948	1,647	165	389	554
533041	Taxi Drivers and Chauffeurs	8,949	9,993	1,044	104	106	210
533099	Motor Vehicle Operators, All Other	414	448	34	3	12	15
534011	Locomotive Engineers	875	933	58	6	26	32
534021	Railroad Brake, Signal, and Switch Operators	561	597	36	4	17	21
534031	Railroad Conductors and Yardmasters	692	738	46	5	21	26
535011	Sailors and Marine Oilers	489	545	56	6	22	28
535021	Captains, Mates, and Pilots of Water Vessels	507	543	36	4	24	28
535022	Motorboat Operators	159	186	27	3	7	10
535031	Ship Engineers	177	201	24	2	8	10
536021	Parking Lot Attendants	4,026	4,653	627	63	193	256
536031	Automotive and Watercraft Service Attendants	2,322	2,518	196	20	67	87
536061	Transportation Attendants, Except Flight Attendants	644	687	43	4	11	15
536099	Transportation Workers, All Other	620	607	-13	0	24	24
537011	Conveyor Operators and Tenders	207	217	10	1	6	7
537021	Crane and Tower Operators	345	430	85	8	12	20
537032	Excavating and Loading Machine and Dragline Operators	1,279	1,585	306	31	10	41
537041	Hoist and Winch Operators	101	118	17	2	3	5
537051	Industrial Truck and Tractor Operators	7,205	7,257	52	5	165	170
537061	Cleaners of Vehicles and Equipment	3,672	3,781	109	11	102	113
537062	Laborers and Freight, Stock, and Material Movers, Hand	28,527	31,131	2,604	260	884	1,144
537063	Machine Feeders and Offbearers	1,192	1,121	-71	0	24	24
537064	Packers and Packagers, Hand	13,879	14,344	465	46	364	410
537081	Refuse and Recyclable Material Collectors	1,628	1,846	218	22	34	56
537121	Tank Car, Truck, and Ship Loaders	117	126	9	1	3	4
537199	Material Moving Workers, All Other	641	649	8	1	18	19