200			Emplo	yment Out	look		Annua	l Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
00-0000	Total, All Occupations	N/A	248,340	264,280	6.4%	1,594	11,365	17,181	30,140
11-0000	Management Occupations	N/A	9,400	10,260	9.1%	86	232	539	857
11-1000	Top Executives	N/A	3,690		6.5%	23	79	227	329
11-1011	Chief Executives	BD+	350	330	-5.7%	-2	9	14	21
11-1021	General & Operations Managers	BD+	3,180	3,430	7.9%	25	66	205	296
11-1031	Legislators	BD+	160	160	0.0%	0	4	8	12
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	N/A	340	360	5.9%	2	7	22	31
11-2021	Marketing Managers	BD+	90	100	11.1%	1	2	6	9
11-2022	Sales Managers	BD+	200	210	5.0%	1	4	13	18
11-3000	Operations Specialties Managers	N/A	1,820	2,010	10.4%	20	39	100	159
11-3010	Administrative Services & Facilities Managers	BD+	230		4.3%	2	7	12	21
11-3021	Computer & Information Systems Managers	BD+	350	380	8.6%	3	6	20	29
11-3031	Financial Managers	BD+	480	570	18.8%	9	11	26	46
11-3051	Industrial Production Managers	BD+	290	300	3.4%	1	6	14	21
11-3061	Purchasing Managers	BD+	50	50	0.0%	0	1	3	4
11-3071	Transportation, Storage & Distribution Managers	WK EXP	250	280	12.0%	4	5	15	24
11-3121	Human Resources Managers	BD+	150	160	6.7%	1	4	9	14
11-9000	Other Management Occupations	N/A	3,550	3,960	11.5%	41	106	189	336
11-9021	Construction Managers	BD+	300	340	13.3%	4	7	16	27
11-9032	Education Administrators, Elementary & Secondary School	MD+	330	340	3.0%	1	8	16	25
11-9033	Education Administrators, Postsecondary	MD+	300	340	13.3%	4	8	15	27
11-9039	Education Administrators, Other	BD+	50	60	20.0%	0	1	2	3
11-9041	Architectural & Engineering Managers	BD+	150	150	0.0%	1	3	8	12
11-9051	Food Service Managers	WK EXP	280	330	17.9%	4	9	24	37
11-9081	Lodging Managers	WK EXP	60	60	0.0%	0	2	4	6
11-9111	Medical & Health Services Managers	BD+	630	810		19	18	37	74
11-9131	Postmasters & Mail Superintendents	WK EXP	30	20	-33.3%	0	1	1	2
11-9141	Property, Real Estate & Community Association Managers	WK EXP	230	250	8.7%	1	9	9	19
11-9151	Social & Community Service Managers	BD+	280	310	10.7%	3	9	16	28
11-9161	Emergency Management Directors	BD+	20	20	0.0%	0	1	1	2
11-9171	Funeral Home Managers	AD+	140		0.0%	0	3	7	10
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	340	360	5.9%	2	8	17	27
13-0000	Business & Financial Operations Occupations	N/A	9,640	10,240	6.2%	60	264	576	900
13-1000	Business Operations Specialists	N/A	6,510	6,970	7.1%	47	180	398	625
13-1020	Buyers & Purchasing Agents	BD+	460	420	-8.7%	-4	15	28	39

			Emplo	yment Out	look		Annua	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code		Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	890	890		0	21	46	67
13-1041	Compliance Officers	BD+	450	470	4.4%	2	11	24	. 37
13-1051	Cost Estimators	BD+	220	220	0.0%	0	6	13	
13-1071	Human Resources Specialists	BD	740	790	6.8%	5	21	51	
13-1075	Labor Relations Specialists	BD+	170	160	-5.9%	-1	4	11	
13-1081	Logisticians	BD	250	330	32.0%	8	6	19	
13-1111	Management Analysts	BD+	830	950	14.5%	12	29	51	92
13-1121	Meeting, Convention & Event Planners	BD	80	100	25.0%	1	3	6	10
13-1131	Fundraisers	BD	140	160	14.3%	2	5	10	17
13-1151	Training & Development Specialists	BD+	420	470	11.9%	5	13	27	45
13-1161	Market Research Analysts & Marketing Specialists	BD	550	650	18.2%	10	14	44	
13-1198	Project Mgmt & Other Business Oprs Specialists	BD	1,130	1,170	3.5%	4	27	56	
13-2000	Financial Specialists	N/A	3,130	3,260	4.2%	13	84	178	
13-2011	Accountants & Auditors	BD	1,500	1,540	2.7%	4	42	90	136
13-2020	Property Appraisers & Assessors	BD+	60	60	0.0%	0	2	2	. 4
13-2041	Credit Analysts	BD	60	60	0.0%	0	1	4	. 5
13-2052	Personal Financial Advisors	BD+	250	270	8.0%	2	6	13	21
13-2061	Financial Examiners	BD+	60	80	33.3%	1	2	3	6
13-2071	Credit Counselors	BD+	60	70	16.7%	1	1	3	
13-2072	Loan Officers	BD+	390	420	7.7%	2	9	22	
13-2081	Tax Examiners, Collectors & Revenue Agents	BD+	160	160	0.0%	0	6	7	13
13-2082	Tax Preparers	MT OJT	90	90	0.0%	0	5	5	
13-2098	Financial, Investment & Risk Specialists, All Other	BD	340	370	8.8%	3	6	20	
15-0000	Computer & Mathematical Occupations	N/A	3,540	3,830	8.2%	30	75	183	288
15-1200	Computer Occupations	N/A	3,450	3,720	7.8%	28	73	179	
15-1211	Computer Systems Analysts	BD	420	440	4.8%	2	8	21	31
15-1231	Computer Network Support Specialists	AD	150	160	6.7%	1	3	8	12
15-1232	Computer User Support Specialists	PS	820	880	7.3%	6	16	45	67
15-1241	Computer Network Architects	BD+	170	160	-5.9%	0	2	8	10
15-1244	Network & Computer Systems Administrators	BD	240	250	4.2%	0	4	12	16
15-1245	Database Administrators & Architects	BD	150	160	6.7%	1	4	8	13
15-1251	Computer Programmers	BD	140	120	-14.3%	-2	2	6	6
15-1256	Software Developers & QA Analysts	BD	650	770	18.5%	12	16	35	63
15-1257	Web & Digital Interface Designers	BD	150	160	6.7%	1	4	8	+
15-1299	Computer Occupations, All Other	BD	500	540	8.0%	5	12	26	

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SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
15-2000	Mathematical Scientists	N/A	90			2	2	4	8
15-2031	Operations Research Analysts	BD	50			1	1	2	4
17-0000	Architecture & Engineering Occupations	N/A	3,310			2	79	159	240
17-1000	Architects, Surveyors & Cartographers	N/A	240	240		0	7	10	17
17-1011	Architects	BD+	160			0	4	7	11
17-1022	Surveyors	BD+	80			0	3	4	7
17-2000	Engineers	N/A	2,220			3	46	95	144
17-2011	Aerospace Engineers	BD	20	20	0.0%	0	0	0	0
17-2051	Civil Engineers	BD	370	390		2	8	19	29
17-2061	Computer Hardware Engineers	BD	40	40	0.0%	0	1	2	3
17-2071	Electrical Engineers	BD	230			0	6	9	
17-2072	Electronics Engineers	BD	80			0	2	3	5
17-2081	Environmental Engineers	BD	70	70	0.0%	0	2	3	5
17-2111	Health & Safety Engineers	BD	40	50	25.0%	1	1	2	4
17-2112	Industrial Engineers	BD	390	420	7.7%	3	9	16	28
17-2141	Mechanical Engineers	BD	460	470	2.2%	1	8	19	28
17-2199	Engineers, Other	BD	140	140	0.0%	0	3	6	9
17-3000	Drafters, Engineering & Mapping Technicians	N/A	850	840	-1.2%	-1	26	54	79
17-3011	Architectural & Civil Drafters	AD	170	160	-5.9%	-1	5	11	15
17-3013	Mechanical Drafters	AD	120	120	0.0%	0	4	8	12
17-3022	Civil Engineering Technicians	AD	50	50	0.0%	0	1	3	4
17-3023	Electrical & Electronic Engineering Technicians	AD	60	60	0.0%	0	2	4	6
17-3027	Mechanical Engineering Technicians	AD	80	90	12.5%	0	2	5	7
17-3098	Calibration & Engineering Techs, All Other	AD	140	140	0.0%	0	4	8	12
19-0000	Life, Physical & Social Science Occupations	N/A	1,630	1,690	3.7%	6	37	111	154
19-2031	Chemists	BD	50			0	1	4	5
19-2041	Environmental Scientists & Specialists	BD	40	40	0.0%	0	1	3	4
19-2099	Physical Scientists, Other	BD	20	10	-50.0%	0	0	1	1
19-3000	Social Scientists & Related Workers	N/A	440	480	9.1%	4	11	21	36
19-3031	Clinical, Counseling & School Psychologists	DOCT	280	320	14.3%	4	8	12	24
19-3051	Urban & Regional Planners	MD	40	40	0.0%	0	1	3	4
19-4000	Life, Physical & Social Science Technicians	N/A	430	420	-2.3%	-1	10	41	50
19-4021	Biological Technicians	BD	60	50	-16.7%	0	1	6	7
19-4031	Chemical Technicians	AD+	60	60	0.0%	0	1	5	6
19-4042	Environmental Science & Protection Technicians	AD	60	60	0.0%	0	2	6	8

			Emplo	yment Out	look		Annua	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	Company and	Level	2020	2030		Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4
19-4061	Social Science Research Assistants	BD	40	40	0.0%	0	1	4	5
19-4099	Life, Physical & Social Science Technicians, Other	AD	20	20	0.0%	0	0	2	2
19-5000	Occupational Health & Safety Specialists & Technicians	N/A	170	180	5.9%	1	5	8	14
19-5011	Occupational Health & Safety Specialists	BD	160	170	6.2%	1	4	7	12
19-5012	Occupational Health & Safety Technicians	MT OJT	10	10	0.0%	0	0	1	1
21-0000	Community & Social Services Occupations	N/A	5,200	5,750	10.6%	55	184	353	592
21-1000	Counselors, Social Workers & Community Service Specialists	N/A	4,590	5,140	12.0%	55	158	314	527
21-1012	Educational, Guidance, School & Vocational Counselors	MD	300	320	6.7%	3	10	18	31
21-1013	Marriage & Family Therapists	MD+	50	50	0.0%	1	2	3	6
21-1015	Rehabilitation Counselors	MD	220	230	4.5%	1	7	13	21
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	BD	1,170	1,370	17.1%	20	41	75	136
21-1021	Child, Family & School Social Workers	BD	610	680	11.5%	6	18	41	65
21-1022	Healthcare Social Workers	MD+	240	260	8.3%	2	7	16	25
21-1023	Mental Health & Substance Abuse Social Workers	MD+	450	490	8.9%	4	13	30	47
21-1029	Social Workers, Other	BD	80	80	0.0%	0	2	5	7
21-1091	Health Educators	BD	40	40	0.0%	0	1	3	4
21-1092	Probation Officers & Correctional Treatment Specialists	BD	190	190	0.0%	1	4	12	17
21-1093	Social & Human Service Assistants	ST OJT	980	1,090	11.2%	12	41	78	131
21-1094	Community Health Workers	ST OJT	200	240	20.0%	4	8	15	27
21-2000	Religious Workers	N/A	610	610		1	26		
21-2011	Clergy	BD+	340	340	0.0%	0	14	20	34
23-0000	Legal Occupations	N/A	1,280	1,450	13.3%	17	38		108
23-1000	Lawyers, Judges & Related Workers	N/A	850	950	11.8%	10	20	23	53
23-1011	Lawyers	DOCT	750	840	12.0%	9	17	20	46
23-1012	Judicial Law Clerks	DOCT	50	50		0	2	2	4
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	DOCT	30	30	0.0%	0	1	1	2
23-1022	Arbitrators, Mediators & Conciliators	BD+	20	20	0.0%	0	0	0	V
23-2000	Legal Support Workers	N/A	430	500	16.3%	7	18	31	56
23-2011	Paralegals & Legal Assistants	AD	350	410		7	15	26	
25-0000	<b>Education, Training &amp; Library Occupations</b>	N/A	12,610	13,520	7.2%	91	513	589	1,193
25-1000	Postsecondary Teachers	N/A	2,710	3,130	15.5%	42	130	136	308
25-1011	Business Teachers, Postsecondary	DOCT	190	210		2	9	9	20
25-1021	Computer Science Teachers, Postsecondary	DOCT	70	80	14.3%	1	3	4	8
25-1022	Mathematical Science Teachers, Postsecondary	DOCT	70	70		1	3	3	7
25-1032	Engineering Teachers, Postsecondary	DOCT	110	130	18.2%	2	6	6	14

			Emplo	yment Out	look		Annua	l Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
25-1042	Biological Science Teachers, Postsecondary	DOCT	80	100	25.0%	2	4	4	10
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	DOCT	70	80	14.3%	1	3	3	7
25-1066	Psychology Teachers, Postsecondary	DOCT	110	140	27.3%	2	6	6	14
25-1067	Sociology Teachers, Postsecondary	DOCT	20	20	0.0%	0	1	1	2
25-1071	Health Specialties Teachers, Postsecondary	DOCT	240	310	29.2%	7	12	13	32
25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	100	120	20.0%	3	5	5	13
25-1081	Education Teachers, Postsecondary	DOCT	90	100	11.1%	1	4	4	9
25-1082	Library Science Teachers, Postsecondary	DOCT	20	20	0.0%	0	1	1	2
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	120	140	16.7%	2	6	6	14
25-1122	Communications Teachers, Postsecondary	DOCT	40	50	25.0%	1	2	2	5
25-1123	English Language & Literature Teachers, Postsecondary	DOCT	150	170	13.3%	2	7	7	16
25-1124	Foreign Language & Literature Teachers, Postsecondary	DOCT	50	60	20.0%	1	2	3	6
25-1125	History Teachers, Postsecondary	DOCT	50	60	20.0%	1	3	3	7
25-1126	Philosophy & Religion Teachers, Postsecondary	DOCT	90	110	22.2%	2	4	4	10
25-1194	Vocational Education Teachers, Postsecondary	BD+	400	420	5.0%	2	18	19	39
25-1199	Postsecondary Teachers, Other	DOCT	340	380	11.8%	5	16	17	38
25-2000	Primary, Secondary & Special Education School Teachers	N/A	6,490	6,790	4.6%	29	204	281	514
25-2011	Preschool Teachers	AD	460	520	13.0%	7	20	28	55
25-2021	Elementary School Teachers	BD	2,220	2,300	3.6%	8	69	91	168
25-2031	Secondary School Teachers	BD	1,990	2,070		8	54	82	144
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	280	290	3.6%	1	9	11	21
25-2058	Special Education Teachers, Secondary School	BD	250	260	4.0%	1	8	10	19
25-3000	Other Teachers & Instructors	N/A	1,080	1,160	7.4%	8	67	60	135
25-3011	Adult Basic & Secondary Education & Literacy Teachers	BD	40	40	0.0%	0	2	2	4
25-3021	Self-Enrichment Education Teachers	WK EXP	280	300	7.1%	2	17	16	35
25-3031	Substitute Teachers, Short-Term	BD	590	640	8.5%	5	37	33	75
25-3097	Teachers & Instructors, Other	BD	170	180	5.9%	1	10	9	20
25-4000	Librarians, Curators & Archivists	N/A	260	280	7.7%	2	16	14	32
25-4012	Curators	MD	10	20	100.0%	0	1	1	2
25-4022	Librarians & Media Collections Specialists	MD	160	170	6.2%	1	8	7	16
25-4031	Library Technicians	PS	80	80	0.0%	0	7	5	12
25-9000	Other Education, Training & Library Occupations	N/A	2,070	2,170	4.8%	10	96	98	204
25-9031	Instructional Coordinators	MD+	190	200	5.3%	1	9	8	18
25-9044	Teaching Assistants, Postsecondary	BD	40	50	25.0%	0	2	2	4
25-9045	Teaching Assistants, Non-Postsecondary	PS	1,790	1,870	4.5%	8	82	85	175

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SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2020	2030	Change	Growth 1/	Exits 2/	Transfers 3/	Demand 4/
25-9099	Education, Training & Library Workers, Other	BD	60			0	3	2	5
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	N/A	2,730			24	110	183	
27-1000	Art & Design Workers	N/A	970		2.1%	2	32	57	
27-1011	Art Directors	BD+	90			1	4	5	10
27-1021	Commercial & Industrial Designers	BD	40			0	1	3	4
27-1023	Floral Designers	MT OJT	90	80	-11.1%	-1	3	5	7
27-1024	Graphic Designers	BD	280	290	3.6%	0	9	17	26
27-1025	Interior Designers	BD	40	40	0.0%	0	1	2	3
27-2000	Entertainers & Performers, Sports & Related Workers	N/A	850	980	15.3%	12	48	66	126
27-2012	Producers & Directors	BD+	120	130	8.3%	1	3	8	12
27-2021	Athletes & Sports Competitors	LT OJT	40			2	3	4	_
27-2022	Coaches & Scouts	BD	470	540	14.9%	7	29	41	
27-3000	Media & Communication Workers	N/A	550	580	5.5%	3	18	36	57
27-3031	Public Relations Specialists	BD	170	180	5.9%	1	4	11	16
27-3041	Editors	BD+	110	110	0.0%	0	4	7	11
27-3042	Technical Writers	BD+	40	40	0.0%	0	1	2	3
27-3043	Writers & Authors	BD+	50	50	0.0%	0	2	3	5
27-3092	Court Reporters & Simultaneous Captioners	PS	70	70	0.0%	0	2	4	6
27-4000	Media & Communication Equipment Workers	N/A	350	420	20.0%	7	12	24	43
27-4011	Audio & Video Equipment Technicians	PS	50	60	20.0%	1	1	4	6
27-4012	Broadcast Technicians	AD	60	70	16.7%	1	2	5	8
27-4021	Photographers	MT OJT	180	220	22.2%	4	7	11	22
27-4031	Camera Operators: TV, Video & Motion Picture	BD	50	60	20.0%	1	2	3	6
29-0000	Healthcare Practitioners & Technical Occupations	N/A	16,450	17,740	7.8%	129	440	529	1,098
29-1000	Health Diagnosing & Treating Practitioners	N/A	10,230	11,210	9.6%	98	257	260	615
29-1031	Dietitians & Nutritionists	BD+	160			1	5	6	
29-1051	Pharmacists	DOCT	700	680		-2	13	13	
29-1071	Physician Assistants	MD	300	410	36.7%	11	6	14	31
29-1081	Podiatrists	DOCT	30	30	0.0%	0	1	1	2
29-1122	Occupational Therapists	MD	330	370	12.1%	4	8	12	
29-1123	Physical Therapists	DOCT	450	520	15.6%	6	10	10	26
29-1125	Recreational Therapists	BD	60	60	0.0%	0	2	2	
29-1126	Respiratory Therapists	AD	200	240	20.0%	3	5	6	
29-1127	Speech-Language Pathologists	MD+	210	260	23.8%	5	5	8	
29-1141	Registered Nurses	BD	5,560	5,870	5.6%	31	152	144	327

			Emplo	oyment Out	look		Annua	al Demand	
SOC	Occupational Title	Educ.	Estimated			Due to	Due to	Due to	Total
Code	**** <b>*</b> *******************************	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
29-1171	Nurse Practitioners	MD	260	440		17	7	11	35
29-1215	Family Medicine Physicians	DOCT	150	160	6.7%	1	2	2	5
29-1216	General Internal Medicine Physicians	DOCT	10	10	0.0%	0	0	0	0
29-1221	Pediatricians, General	DOCT	50	60	20.0%	0	1	1	2
29-1223	Psychiatrists	DOCT	30	30	0.0%	0	0	0	0
29-1228	Physicians & Ophthalmologists, All Other	DOCT	550	570	3.6%	3	9	6	18
29-1292	Dental Hygienists	AD	350	420	20.0%	7	14	10	31
29-1298	Acupuncturists & Other Healthcare Practitioners	MD	40	40	0.0%	0	2	1	3
29-2000	Health Technologists & Technicians	N/A	6,180	6,490	5.0%	31	182	267	480
29-2010	Clinical Laboratory Technologists & Technicians	BD	540	580	7.4%	4	14	21	39
29-2031	Cardiovascular Technologists & Technicians	AD	90	90	0.0%	0	2	4	6
29-2032	Diagnostic Medical Sonographers	AD	160	180	12.5%	2	5	7	14
29-2033	Nuclear Medicine Technologists	AD	30	30	0.0%	0	1	1	2
29-2034	Radiologic Technologists	AD	330	340	3.0%	1	9	14	24
29-2035	Magnetic Resonance Imaging Technologists	AD+	50	50	0.0%	0	1	2	3
29-2040	Emergency Medical Technicians & Paramedics	PS	550	550	0.0%	1	10	26	37
29-2052	Pharmacy Technicians	MT OJT	1,340	1,360	1.5%	2	37	58	97
29-2055	Surgical Technologists	PS	170	180	5.9%	2	5	8	15
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	2,030	2,140	5.4%	11	70	87	168
29-2081	Opticians, Dispensing	LT OJT	110	110	0.0%	0	5	4	9
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	520	550	5.8%	4	15	23	42
29-9000	Other Healthcare Practitioners & Technical Occupations	N/A	40	50	25.0%	1	1	2	4
31-0000	Healthcare Support Occupations	N/A	14,490	16,970	17.1%	248	944	954	2,146
31-1100	Nursing, Psychiatric, & Home Health Aides	N/A	11,310	13,210	16.8%	190	785	694	1,669
31-1120	Home Health & Personal Care Aides	ST OJT	8,190	9,950	21.5%	176	581	514	1,271
31-1131	Nursing Assistants	PS	2,870	3,010	4.9%	14	188	166	368
31-1132	Orderlies	ST OJT	100	100	0.0%	0	6	6	
31-1133	Psychiatric Aides	ST OJT	150	150	0.0%	0	10	8	
31-2000	Occupational & Physical Therapist Assistants & Aides	N/A	410		24.4%	11	20	34	
31-2021	Physical Therapist Assistants	AD	230	300	30.4%	7	11	20	
31-2022	Physical Therapist Aides	ST OJT	90	100	11.1%		4	7	12
31-9000	Other Healthcare Support Occupations	N/A	2,780	3,250	16.9%	47	139	225	411
31-9091	Dental Assistants	PS	460	550	19.6%	9	23	36	
31-9092	Medical Assistants	PS	1,050	1,240	18.1%	18	47	86	151

300			Emplo	yment Out	<u>look</u>		Annua	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	·	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
31-9093	Medical Equipment Preparers	MT OJT	50			0	2	3	5
31-9094	Medical Transcriptionists	PS	110	90	-18.2%	-1	5	9	13
31-9095	Pharmacy Aides	ST OJT	150	130	-13.3%	-2	7	11	16
31-9097	Phlebotomists	PS	400	450	12.5%	5	18	31	54
33-0000	Protective Service Occupations	N/A	5,430	5,480	0.9%	5	288	338	631
33-1000	Supervisors - Protective Service Workers	N/A	390	400	2.6%	1	11	18	30
33-1011	Supervisors - Correctional Officers	WK EXP	80	80	0.0%	0	3	4	7
33-1012	Supervisors - Police & Detectives	WK EXP	130	140	7.7%	0	3	6	9
33-1021	Supervisors - Fire Fighting & Prevention	PS+	80	80	0.0%	0	2	3	-
33-1090	Supervisors - Protective Service Workers	WK EXP	90	100	11.1%	0	4	6	10
33-2000	Fire Fighting & Prevention Workers	N/A	340	360	5.9%	1	8	18	
33-3000	Law Enforcement Workers	N/A	2,350	2,320	-1.3%	-3	72	121	190
33-3012	Correctional Officers & Jailers	MT OJT	1,040	980	-5.8%	-6	38	54	86
33-3021	Detectives & Criminal Investigators	WK EXP	140	140	0.0%	0	4	6	10
33-3041	Parking Enforcement Workers	ST OJT	20	10	-50.0%	0	1	1	2
33-3051	Police & Sheriff's Patrol Officers	MT OJT	1,150	1,190	3.5%	4	29	59	92
33-9000	Other Protective Service Workers	N/A	2,350	2,410	2.6%	6	197	181	384
33-9011	Animal Control Workers	MT OJT	10	10	0.0%	0	0	1	1
33-9032	Security Guards	ST OJT	1,290	1,260	-2.3%	-3	68	99	164
33-9091	Crossing Guards	ST OJT	440	480	9.1%	3	67	24	94
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	130	170	30.8%	4	20	16	40
33-9093	Transportation Security Screeners	ST OJT	70	70	0.0%	0	2	3	5
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	240	270	12.5%	3	35	28	66
35-0000	Food Preparation & Serving Related Occupations	N/A	17,740	20,420	15.1%	268	1,472	1,957	3,697
35-1000	Supervisors, Food Preparation & Serving Workers	N/A	1,450	1,710	17.9%	26	70	161	257
35-1011	Chefs & Head Cooks	WK EXP	70	80	14.3%	2	2	8	12
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	1,380	1,630	18.1%	25	67	153	245
35-2000	Cooks & Food Preparation Workers	N/A	4,370	5,090	16.5%	72	302	412	786
35-2012	Cooks, Institution & Cafeteria	ST OJT	940	980	4.3%	4	56	82	142
35-2014	Cooks, Restaurant	MT OJT	1,540	2,240	45.5%	70	111	162	343
35-2015	Cooks, Short Order	ST OJT	80	80	0.0%	0	5	7	12
35-2021	Food Preparation Workers	ST OJT	1,170	1,180	0.9%	2	92	108	202
35-3000	Food & Beverage Serving Workers	N/A	10,480	11,930	13.8%	145	954	1,235	2,334
35-3011	Bartenders	ST OJT	820	1,070	30.5%	25	43	114	182

202			Emplo	oyment Out	<u>look</u>		Annua	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	·	Level	2020	2030		Growth 1/	Exits 2/	Transfers 3/	Demand 4/
35-3023	Fast Food & Counter Workers	ST OJT	6,250		11.4%	70	640		1,408
35-3031	Waiters & Waitresses	ST OJT	3,070	3,550		48			
35-3041	Food Servers, Nonrestaurant	ST OJT	330	360	9.1%	3	28	27	
35-9000	Other Food Preparation & Serving Related Workers	N/A	1,440	1,680	16.7%	25			
35-9021	Dishwashers	ST OJT	560	640	14.3%	8			
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	550	660	20.0%	11	72	68	151
37-0000	Building & Grounds Cleaning & Maintenance Occupations	N/A	8,050	8,560	6.3%	51	467	608	1,126
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	N/A	650	680	4.6%	3	25	47	
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	380	400	5.3%	1	17	27	
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	270	280	3.7%	2	8	20	30
37-2000	Building Cleaning & Pest Control Workers	N/A	5,240	5,560	6.1%	32	346	370	748
37-2011	Janitors & Cleaners	ST OJT	3,110	3,290	5.8%	18	200	224	442
37-2012	Maids & Housekeeping Cleaners	ST OJT	1,950	2,070	6.2%	13	136	129	278
37-3000	Grounds Maintenance Workers	N/A	2,150	2,320	7.9%	17	96	192	305
37-3011	Landscaping & Groundskeeping Workers	ST OJT	1,640	1,780	8.5%	15	74	147	236
37-3013	Tree Trimmers & Pruners	ST OJT	500	520	4.0%	2	22	44	68
39-0000	Personal Care & Service Occupations	N/A	5,830	7,030	20.6%	119	386	478	983
39-1000	Supervisors, Personal Care & Service Workers	N/A	460	510	10.9%	5	18	34	57
39-2000	Animal Care & Service Workers	N/A	330	440	33.3%	11	24	32	67
39-3000	Entertainment Attendants & Related Workers	N/A	460	640	39.1%	18	52	60	130
39-3091	Amusement & Recreation Attendants	ST OJT	320	440	37.5%	12	37	43	92
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	30	40	33.3%	1	4	4	9
39-4000	Funeral Service Workers	N/A	120	130	8.3%	0	6	9	15
39-4031	Morticians, Undertakers & Funeral Directors	AD+	90	100	11.1%	0	4	6	10
39-5000	Personal Appearance Workers	N/A	1,590	2,120	33.3%	53	96	102	251
39-5011	Barbers	PS	40	50	25.0%	1	2	2	5
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	1,140	1,510	32.5%	37	70	73	180
39-5092	Manicurists & Pedicurists	PS	260	380	46.2%	12	16	17	45
39-9000	Other Personal Care & Service Workers	N/A	2,840	3,160	11.3%	32	188	240	460
39-9011	Childcare Workers	ST OJT	1,630	1,710	4.9%	8	112	117	237
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	320	470	46.9%	14	23	37	74
39-9032	Recreation Workers	ST OJT	530	570	7.5%	4	32		
41-0000	Sales & Related Occupations	N/A	22,020	22,170	0.7%	15	1,194	1,776	2,985
41-1000	Supervisors - Sales Workers	N/A	3,080		-2.6%	-8	103		

202		ъ.	Emplo	oyment Out	<u>look</u>		Annua	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
41-1011	Supervisors - Retail Sales Workers	WK EXP	2,400	,	-2.1%	-6	84	165	243
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	670	650		-2	19	39	56
41-2000	Retail Sales Workers	N/A	13,580	13,540	-0.3%	-4	926	1,191	2,113
41-2011	Cashiers	ST OJT	6,220	5,930	-4.7%	-29	517	582	1,070
41-2021	Counter & Rental Clerks	ST OJT	460	490	6.5%	2	21	32	55
41-2022	Parts Salespersons	MT OJT	280	300	7.1%	2	12	22	36
41-2031	Retail Salespersons	ST OJT	6,610	6,820	3.2%	20	375	554	949
41-3000	Sales Representatives, Services	N/A	2,530	2,730	7.9%	20	73	190	
41-3011	Advertising Sales Agents	MT OJT	120	120	0.0%	0	4	11	15
41-3021	Insurance Sales Agents	MT OJT	690	750	8.7%	6	24	40	
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	650	720	10.8%	7	15	43	65
41-3041	Travel Agents	MT OJT	90	100	11.1%	2	5	6	13
41-3091	Sales Representatives - Services	MT OJT	990	1,040	5.1%	5	25	89	119
41-4000	Sales Representatives, Wholesale & Manufacturing	N/A	2,280	2,340	2.6%	6	68	156	
41-9000	Other Sales & Related Workers	N/A	550	560	1.8%	2	23	34	
41-9022	Real Estate Sales Agents	MT OJT	310	340	9.7%	2	14	14	30
41-9031	Sales Engineers	BD+	40	40	0.0%	0	1	3	4
41-9041	Telemarketers	ST OJT	70	60	-14.3%	-1	3	7	9
43-0000	Office & Administrative Support Occupations	N/A	34,500	33,620	-2.6%	-88	1,606	2,123	3,641
43-1000	Supervisors - Office & Administrative Support Workers	N/A	2,770		0.4%	1	103	170	
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	2,770	2,780	0.4%	1	103	170	274
43-2000	Communications Equipment Operators	N/A	100	70	-30.0%	-3	5	5	7
43-2011	Switchboard Operators	ST OJT	100	70	-30.0%	-3	4	5	6
43-3000	Financial Clerks	N/A	4,970	4,720	-5.0%	-24	233	282	491
43-3011	Bill & Account Collectors	MT OJT	670	610	-9.0%	-6	23	45	62
43-3021	Billing & Posting Clerks	MT OJT	740	750	1.4%	1	30	46	
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	2,210	2,110	-4.5%	-9	127	110	228
43-3051	Payroll & Timekeeping Clerks	MT OJT	190	170	-10.5%	-2	8	10	
43-3061	Procurement Clerks	MT OJT	130	130	0.0%	-1	4	8	11
43-3071	Tellers	ST OJT	1,010	940	-6.9%	-7	40	62	95
43-4000	Information & Record Clerks	N/A	9,780	9,850	0.7%	6	473	724	1,203
43-4011	Brokerage Clerks	MT OJT	50	40	-20.0%	0	2	3	5
43-4031	Court, Municipal & License Clerks	LT OJT	40	40	0.0%	0	2	2	4
43-4051	Customer Service Representatives	ST OJT	5,640	5,600	-0.7%	-5	264	442	701

202			Emplo	oyment Out	<u>look</u>		Annua	l Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
43-4061	Eligibility Interviewers, Government Programs	MT OJT	480	510	6.2%	3	18	26	47
43-4071	File Clerks	ST OJT	180	160	-11.1%	-2	9	11	18
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	370	400	8.1%	4	22	41	67
43-4111	Interviewers	ST OJT	270	240	-11.1%	-2	15	16	
43-4121	Library Assistants, Clerical	ST OJT	200	200	0.0%	0	18	13	31
43-4151	Order Clerks	PS	190	170	-10.5%	-2	8	11	17
43-4161	Human Resources Assistants	AD	230	230	0.0%	0	9	14	
43-4171	Receptionists & Information Clerks	ST OJT	1,470	1,580	7.5%	11	85	105	201
43-4199	Information & Record Clerks, Other	ST OJT	100	100	0.0%	0	4	7	11
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	N/A	4,960	4,890	-1.4%	-8	183	266	441
43-5011	Cargo & Freight Agents	ST OJT	90	100	11.1%	1	4	6	
43-5021	Couriers & Messengers	ST OJT	430	390	-9.3%	-5	17	22	34
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	170	170	0.0%	0	6	9	15
43-5032	Dispatchers	MT OJT	290	280	-3.4%	-1	10	16	25
43-5051	Postal Service Clerks	ST OJT	140	130	-7.1%	-1	6	5	10
43-5052	Postal Service Mail Carriers	ST OJT	670	620	-7.5%	-5	22	23	40
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	130	110	-15.4%	-2	7	4	9
43-5061	Production, Planning & Expediting Clerks	MT OJT	380	410	7.9%	3	14	26	43
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	2,260	2,200	-2.7%	-6	82	131	207
43-6000	Secretaries & Administrative Assistants	N/A	4,480	4,200	-6.2%	-28	221	242	435
43-6013	Medical Secretaries	MT OJT	900	990	10.0%	9	48	53	110
43-6014	Secretaries	ST OJT	2,880	2,630	-8.7%	-25	140	154	269
43-9000	Other Office & Administrative Support Workers	N/A	7,440	7,120	-4.3%	-32	389	433	790
43-9021	Data Entry Keyers	ST OJT	220	170	-22.7%	-5	9	12	16
43-9022	Word Processors & Typists	ST OJT	310	190	-38.7%	-11	15	14	18
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	250	250	0.0%	-1	9	15	23
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	160	150	-6.2%	-1	8	9	16
43-9061	Office Clerks, General	ST OJT	6,320	6,180	-2.2%	-14	341	370	697
43-9071	Office Machine Operators	ST OJT	30	30	0.0%	0	2	2	4
43-9199	Office & Administrative Support Workers, Other	ST OJT	130	130	0.0%	0	5	9	14
45-0000	Farming, Fishing & Forestry Occupations	N/A	750	770	2.7%	2	32	86	120
45-1000	Supervisors - Farming, Fishing & Forestry Workers	N/A	50	50	0.0%	0	2	5	7
45-1011	Farm & Forestry Worker Supervisors	WK EXP	50	50	0.0%	0	2	5	7
45-2000	Agricultural Workers	N/A	680	690	1.5%	2	29	78	109

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SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
45-2011	Agricultural Inspectors	BD+	20			0	1	2	3
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	430	440	2.3%	1	18	50	69
45-4000	Forest, Conservation & Logging Workers	N/A	30	30	0.0%	0	1	3	4
47-0000	Construction & Extraction Occupations	N/A	9,180	9,700	5.7%	52	286	643	981
47-1000	Supervisors - Construction & Extraction Workers	N/A	800	850	6.2%	5	23	53	
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	800	850	6.2%	5	23	53	
47-2000	Construction Trades Workers	N/A	7,010	7,450	6.3%	44	212	488	
47-2021	Brickmasons & Blockmasons	LT OJT	130	130	0.0%	0	4	8	
47-2031	Carpenters	LT OJT	1,290	1,340	3.9%	5	38	82	
47-2051	Cement Masons & Concrete Finishers	MT OJT	210	220	4.8%	1	5	14	20
47-2061	Construction Laborers	ST OJT	1,990	2,220	11.6%	23	62	142	227
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	910	940	3.3%	4	30	66	100
47-2081	Drywall & Ceiling Tile Installers	MT OJT	60	60	0.0%	0	1	3	4
47-2111	Electricians	LT OJT	970	1,040	7.2%	7	29	74	110
47-2121	Glaziers	LT OJT	40	40	0.0%	0	1	3	4
47-2141	Painters, Construction & Maintenance	MT OJT	240	250	4.2%	1	7	14	
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	480	490	2.1%	2	14	35	51
47-2181	Roofers	MT OJT	170	190	11.8%	2	4	13	19
47-2211	Sheet Metal Workers	LT OJT	210	210	0.0%	0	6	13	19
47-2221	Structural Iron & Steel Workers	LT OJT	10	10	0.0%	0	0	1	1
47-3000	Helpers, Construction Trades	N/A	190	190	0.0%	0	5	16	21
47-3013	HelpersElectricians	ST OJT	60	60	0.0%	0	2	5	7
47-3019	Helpers, Construction Trades, Other	ST OJT	20	20	0.0%	0	0	2	2
47-4000	Other Construction & Related Workers	N/A	950	960	1.1%	1	39	63	103
47-4011	Construction & Building Inspectors	WK EXP	210	190	-9.5%	-2	11	12	21
47-4041	Hazardous Materials Removal Workers	MT OJT	80	80	0.0%	1	3	6	10
47-4051	Highway Maintenance Workers	MT OJT	530	550	3.8%	2	21	34	57
47-4061	Rail-Track Laying & Maintenance Equipment Operators	MT OJT	10	10	0.0%	0	0	0	0
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	40	40	0.0%	0	1	3	4
47-5000	Extraction Workers	N/A	250	250	0.0%	1	7	22	30
47-5022	Excavating/Loading/Dragline Machine Oprs, Surface Mining	WK EXP	60			0	2	5	7
47-5097	Earth Drillers, Explosives Workers & Ordnance Handlers	WK EXP	30	40	33.3%	0	1	3	4
49-0000	Installation, Maintenance & Repair Occupations	N/A	11,060	11,810	6.8%	75	357	720	
49-1000	Supervisors - Installation, Maintenance & Repair Workers	N/A	800	,		5	24	49	

SOC Code	Occupational Title	Educ. Level	Employment Outlook			Annual Demand				
			Estimated	Projected	Percent	Due to	Due to	Due to	Total	
			2020	2030	Change	Growth 1/	Exits 2/	Transfers 3/	Demand 4/	
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	800			5	24	49	78	
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	N/A	570	540		-2	16	39		
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	130	120	-7.7%	-1	4	9	12	
49-2022	Telecommunications Equipment Installers & Repairers	PS+	50			0	2	4	6	
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	PS+	10	10	0.0%	0	0	0	0	
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	60	60	0.0%	0	2			
49-2098	Security & Fire Alarm Systems Installers	MT OJT	170	160	-5.9%	-1	4	13		
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	N/A	3,580	3,780	5.6%	20	111	247	378	
49-3021	Automotive Body & Related Repairers	LT OJT	370	400	8.1%	3	12	23	38	
49-3023	Automotive Service Technicians & Mechanics	PS	1,770	1,810	2.3%	4	53	121	178	
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	650			6	19		67	
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	280	310	10.7%	3	9	20	32	
49-3052	Motorcycle Mechanics	PS	30	30	0.0%	0	1	2	3	
49-3093	Tire Repairers & Changers	ST OJT	300	320		2	10	26		
49-9000	Other Installation, Maintenance & Repair Occupations	N/A	6,110	6,640	8.7%	53	206	385	644	
49-9012	Control & Valve Installers & Repairers	MT OJT	150	130	-13.3%	-1	3	8	10	
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	620	650	4.8%	3	16	44	63	
49-9041	Industrial Machinery Mechanics	LT OJT	1,000			19	33	59	111	
49-9044	Millwrights	LT OJT	90			0	3	5	8	
49-9062	Medical Equipment Repairers	AD+	40			0	2	2	4	
49-9071	Maintenance & Repair Workers, General	MT OJT	3,020	3,280	8.6%	26	111	184	321	
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	60	70	16.7%	2	3	5	10	
49-9094	Locksmiths & Safe Repairers	LT OJT	20	20	0.0%	0	1	1	2	
49-9098	HelpersInstallation, Maintenance & Repair Workers	ST OJT	120	130	8.3%	1	5	10	16	
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	110	110	0.0%	0	4	7	11	
	Production Occupations	N/A	20,040			-28	773	1,403	2,148	
51-1000	Supervisors - Production Workers	N/A	1,290	/	3.9%	4	40			
51-1011	Supervisors - Production & Operating Workers	WK EXP	,	1,340	3.9%	4	40	88	132	
51-2000	Assemblers & Fabricators	N/A	3,310	,		-32	119	225	312	
51-2028	Electrical, Electronic, & Electromechanical Assemblers	MT OJT	130			1	5	9	15	
51-2041	Structural Metal Fabricators & Fitters	MT OJT	110		_	-1	2	8	9	
51-2090	Misc. Assemblers & Fabricators	MT OJT	3,030	2,730	-9.9%	-30	110	206	286	
51-3000	Food Processing Workers	N/A	1,480			7	73	113	193	
51-3011	Bakers	LT OJT	490	530	8.2%	4	28	38	70	

SOC Code	Occupational Title	Б.	<b>Employment Outlook</b>			Annual Demand				
		Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total	
Code	•	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/	
51-3021	Butchers & Meat Cutters	LT OJT	190		5.3%	1	8	14	23	
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators	MT OJT	20	20	0.0%	0	1	2	3	
51-3092	Food Batchmakers	MT OJT	510	530	3.9%	2	24	39	65	
51-3099	Food Processing Workers, Other	MT OJT	30	40	33.3%	0	1	2	3	
51-4000	Metal Workers & Plastic Workers	N/A	4,020	4,030	0.2%	1	130	275	406	
51-4021	Extruding & Drawing Machine Operators	MT OJT	710	680	-4.2%	-3	24	43	64	
51-4023	Rolling Machine Operators	MT OJT	30	30	0.0%	0	1	2		
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	570	540	-5.3%	-3	18	38		
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	MT OJT	110	110	0.0%	0	5	8		
51-4041	Machinists	LT OJT	450	490	8.9%	4	16	32	52	
51-4072	Molding, Coremaking & Casting Machine Operators	MT OJT	510	490	-3.9%	-3	16	34		
51-4081	Multiple Machine Tool Operators	MT OJT	600	640	6.7%	4	20	42	66	
51-4111	Tool & Die Makers	PS+	90	90	0.0%	0	3	6	9	
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	540	580	7.4%	5	15	44	64	
51-4122	Welding, Soldering & Brazing Machine Operators	MT OJT	50	50	0.0%	0	1	4	5	
51-4193	Plating & Coating Machine Operators	MT OJT	100	90	-10.0%	0	3	6	9	
51-4194	Tool Grinders, Filers & Sharpeners	MT OJT	10	10	0.0%	0	0	1	1	
51-4199	Metal Workers & Plastic Workers, Other	MT OJT	110	110	0.0%	0	4	7	11	
51-5100	Printing Workers	N/A	730	690	-5.5%	-4	28	50	74	
51-5111	Prepress Technician & Workers	PS	50	40	-20.0%	-1	2	4	5	
51-5112	Printing Press Operators	MT OJT	550	530	-3.6%	-2	20	38	56	
51-5113	Print Binding & Finishing Workers	MT OJT	140	120	-14.3%	-2	6	8	12	
51-6000	Textile, Apparel & Furnishings Workers	N/A	1,040	1,070	2.9%	3	64	66	133	
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	500	550	10.0%	5	34	35	74	
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	120	130	8.3%	0	6	8	14	
51-6031	Sewing Machine Operators	ST OJT	190	180	-5.3%	0	11	10		
51-7000	Woodworkers	N/A	310	340	9.7%	2	12	20		
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	220	240	9.1%	2	9	13	24	
51-7041	Sawing Machine Operators, Wood	MT OJT	40	50	25.0%	0	2	3	5	
51-8000	Plant & System Operators	N/A	630	580	-7.9%	-4	18	41	55	
51-8021	Stationary Engineers & Boiler Operators	LT OJT	80	80	0.0%	0	4	6	10	
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	270	250	-7.4%	-2	7	16	21	
51-9000	Other Production Occupations	N/A	7,230	7,170	-0.8%	-6	290	525	809	
51-9011	Chemical Equipment Operators	MT OJT	160	160	0.0%	0	4	12	16	

SOC Code	Occupational Title	Б.	Employment Outlook			Annual Demand				
		Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total	
	·	Level	2020	2030	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/	
51-9021	Crushing, Grinding & Polishing Machine Operators	MT OJT	60			0	2	4	6	
51-9022	Grinding & Polishing Workers, Hand	MT OJT	30	30	0.0%	0	1	2	3	
51-9023	Mixing & Blending Machine Operators	MT OJT	220	240	9.1%	1	8	17	26	
51-9032	Cutting & Slicing Machine Operators	MT OJT	120	130	8.3%	1	6	9		
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	MT OJT	130	130	0.0%	0	4	10		
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	840	750	-10.7%	-9	30	63	84	
51-9111	Packaging & Filling Machine Operators	MT OJT	1,770	1,890	6.8%	12	75	121	208	
51-9124	Coating, Painting & Spraying Machine Setters/Oprs/Tenders	MT OJT	160	170	6.2%	1	4	12		
51-9161	CNC Tool Operators	MT OJT	360	340	-5.6%	-1	12	26	37	
51-9162	CNC Tool Programmers	PS+	30	40	33.3%	1	1	2	4	
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	MT OJT	20	20	0.0%	0	1	1	2	
51-9195	Molders, Shapers & Casters	LT OJT	90	100	11.1%	0	3	6	_	
51-9198	HelpersProduction Workers	ST OJT	650	600	-7.7%	-5	29	59	83	
51-9199	Production Workers, Other	MT OJT	100	110	10.0%	0	4	8	12	
53-0000	Transportation & Material Moving Occupations	N/A	33,470	37,210	11.2%	374	1,587	2,819	4,780	
53-1000	Supervisors - Transportation & Material Moving Workers	N/A	1,480			15	57	108	180	
53-2012	Commercial Pilots	MT OJT	20	30	50.0%	1	1	2	4	
53-3000	Motor Vehicle Operators	N/A	8,900			91	437	596	1,124	
53-3031	Driver/Sales Workers	ST OJT	350			6	16	26		
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	4,530			22	190	314		
53-3033	Light Truck or Delivery Services Drivers	ST OJT	2,040	2,140	4.9%	10	86	142	238	
53-3052	Bus Drivers, Transit & Intercity	MT OJT	240	260	8.3%	2	16	12	30	
53-3058	Passenger Vehicle Drivers	ST OJT	1,630	2,150	31.9%	52	124	94	270	
53-4031	Railroad Conductors & Yardmasters	MT OJT	40	40	0.0%	0	1	2	3	
53-5000	Water Transportation Workers	N/A	10	10	0.0%	0	0	1	1	
53-6000	Other Transportation Workers	N/A	350		8.6%	3	16	33		
53-6021	Parking Lot Attendants	ST OJT	100	100	0.0%	0	5	10	15	
53-7000	Material Moving Workers	N/A	22,600	25,240	11.7%	264	1,073	2,072	3,409	
53-7021	Crane & Tower Operators	WK EXP	20	30	50.0%	0	1	2	3	
53-7051	Industrial Truck & Tractor Operators	ST OJT	4,590	5,280	15.0%	69	148	379	596	
53-7061	Cleaners of Vehicles & Equipment	ST OJT	510	550	7.8%	4	26	47	77	
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	10,290	11,380	10.6%	109	474	943	1,526	
53-7064	Packers & Packagers, Hand	ST OJT	1,810	1,910	5.5%	10	106	150		
53-7065	Stockers & Order Fillers	ST OJT	4,790	5,460	14.0%	68	292	500	860	

SOC Code		D.I	Employment Outlook			Annual Demand			
	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
	•	Level	2020	2030	Change	Growth 1/	Exits 2/	Transfers 3/	Demand 4/
53-7071	Gas Compressor & Gas Pumping Station Operators	MT OJT	50	50	0.0%	0	1	4	5
53-7073	Wellhead Pumpers	WK EXP	10	20	100.0%	0	0	1	1
53-7081	Refuse & Recyclable Material Collectors	ST OJT	230	250	8.7%	3	10	22	35

#### FOOTNOTES:

Data may not add to totals due to rounding. Confidential data and occupations with employment less than 10 are not shown but are included in all sub-total and total employment values.

- 1/ Demand due to employment growth measures the numerical change in projected number of job gains or losses.
- 2/ Demand due to exits measure the projected number of workers leaving an occupation and exiting the workforce entirely.
- 3/ Demand due to transfers are the projected number of workers leaving an occupation and transferring to a different occupation.
- 4/ Total demand is the projected number of openings (positions) for workers entering the occupation. Defined as the sum of the demand due to growth, exits, and transfers.