			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	101,230		8.3%	837	4,964	7,212	13,013
11-0000	Management Occupations	N/A	4,180	4,530	8.4%	35	121	234	390
11-1000	Top Executives	N/A	1,360	1,490	9.6%	13	30	85	128
11-1011	Chief Executives	BD+	150		0.0%	0	4	6	10
11-1021	General & Operations Managers	BD+	1,180	1,310	11.0%	13	25	77	115
11-1031	Legislators	BD+	30	30	0.0%	0	1	1	2
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	N/A	120	130	8.3%	1	2	8	11
11-2021	Marketing Managers	BD+	40	40	0.0%	0	1	2	3
11-2022	Sales Managers	BD+	70	80	14.3%	1	2	5	8
11-3000	Operations Specialties Managers	N/A	720	790	9.7%	7	16	39	62
11-3010	Administrative Services & Facilities Managers	BD+	120	130	8.3%	1	4	6	11
11-3021	Computer & Information Systems Managers	BD+	100	100	0.0%	0	2	6	8
11-3031	Financial Managers	BD+	190	230	21.1%	4	4	11	19
11-3051	Industrial Production Managers	BD+	130	140	7.7%	1	2	6	9
11-3061	Purchasing Managers	BD+	30	40	33.3%	0	1	2	3
11-3071	Transportation, Storage & Distribution Managers	WK EXP	70	80	14.3%	1	1	4	6
11-3121	Human Resources Managers	BD+	60	60	0.0%	0	2	4	6
11-9000	Other Management Occupations	N/A	1,990	2,120	6.5%	14	73	103	190
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	470	480	2.1%	1	30	17	48
11-9031	Education Admin., Preschool & Childcare Center/Program	BD+	40	40	0.0%	0	1	2	3
11-9032	Education Administrators, Elementary & Secondary School	MD+	160	180	12.5%	2	4	8	14
11-9033	Education Administrators, Postsecondary	MD+	30	30	0.0%	0	1	1	2
11-9041	Architectural & Engineering Managers	BD+	50	50	0.0%	0	1	2	3
11-9051	Food Service Managers	WK EXP	200	220	10.0%	2	6	17	25
11-9081	Lodging Managers	WK EXP	150	140	-6.7%	-1	6	10	15
11-9111	Medical & Health Services Managers	BD+	190	250	31.6%	5	6	11	22
11-9121	Natural Sciences Managers	BD+	70	80	14.3%	0	2	4	6
11-9131	Postmasters & Mail Superintendents	WK EXP	50	50	0.0%	-1	1	2	2
11-9141	Property, Real Estate & Community Association Managers	WK EXP	100	100	0.0%	0	4	4	8
11-9151	Social & Community Service Managers	BD+	130	140	7.7%	1	4	7	12
11-9171	Funeral Home Managers	AD+	20	20	0.0%	0	1	1	2
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	210	220	4.8%	1	5	11	17
13-0000	Business & Financial Operations Occupations	N/A	3,390	3,600	6.2%	22	94	203	319
13-1000	Business Operations Specialists	N/A	2,430	2,590	6.6%	16	66	148	230
13-1020	Buyers & Purchasing Agents	BD+	200	180	-10.0%	-1	6	12	17

G 0 G			Emplo	oyment 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/
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	100			-1	2	5	6
13-1041	Compliance Officers	BD+	400	420	5.0%	2	10	22	34
13-1051	Cost Estimators	BD+	130	150	15.4%	2	4	8	14
13-1071	Human Resources Specialists	BD	290	300	3.4%	1	8	20	29
13-1081	Logisticians	BD	110	130	18.2%	3	2	8	13
13-1111	Management Analysts	BD+	240			4	8	15	27
13-1121	Meeting, Convention & Event Planners	BD	60			1	2	4	7
13-1131	Fundraisers	BD	30	40	33.3%	0	1	2	3
13-1151	Training & Development Specialists	BD+	100	110	10.0%	0	3	6	9
13-1161	Market Research Analysts & Marketing Specialists	BD	180	220	22.2%	4	5	14	23
13-1198	Project Mgmt & Other Business Oprs Specialists	BD	520			1	12	26	39
13-2000	Financial Specialists	N/A	960	,	5.2%	5	28	55	88
13-2011	Accountants & Auditors	BD	500	540	8.0%	3	14	31	48
13-2020	Property Appraisers & Assessors	BD+	20			0	1	1	2
13-2031	Budget Analysts	BD	20	20	0.0%	0	1	1	2
13-2072	Loan Officers	BD+	90			1	2	5	8
13-2081	Tax Examiners, Collectors & Revenue Agents	BD+	80	80	0.0%	0	3	4	7
13-2098	Financial, Investment & Risk Specialists, All Other	BD	90	90	0.0%	0	2	5	7
15-0000	Computer & Mathematical Occupations	N/A	1,120	1,230	9.8%	12	24	58	94
15-1211	Computer Systems Analysts	BD	90			0	2	4	6
15-1221	Computer & Information Research Scientists	MD	20			0	0	1	1
15-1232	Computer User Support Specialists	PS	170	180		1	3	9	13
15-1244	Network & Computer Systems Administrators	BD	140	150	7.1%	0	2	7	9
15-1256	Software Developers & QA Analysts	BD	180	230	27.8%	4	5	10	19
15-1257	Web & Digital Interface Designers	BD	50	60	20.0%	1	1	3	5
15-1299	Computer Occupations, All Other	BD	270			3	7	14	24
17-0000	Architecture & Engineering Occupations	N/A	930	960	3.2%	4	22	45	71
17-1000	Architects, Surveyors & Cartographers	N/A	40	40	0.0%	0	1	2	3
17-1022	Surveyors	BD+	20			0	1	1	2
17-2000	Engineers	N/A	680	710	4.4%	4	14	29	47
17-2011	Aerospace Engineers	BD	20			0	0	1	1
17-2051	Civil Engineers	BD	130	130	0.0%	0	3	6	9
17-2072	Electronics Engineers	BD	80			1	2	3	6
17-2081	Environmental Engineers	BD	20			0	0	1	1
17-2112	Industrial Engineers	BD	100	110	10.0%	2	2	4	8

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/
17-2141	Mechanical Engineers	BD	150		0.0%	0	3	6	9
17-2161	Nuclear Engineers	BD	10			0	0	0	0
17-2199	Engineers, Other	BD	80			0	2	3	5
17-3000	Drafters, Engineering & Mapping Technicians	N/A	210	210	0.0%	0	7	14	21
17-3011	Architectural & Civil Drafters	AD	20	20		0	1	1	2
17-3013	Mechanical Drafters	AD	40	40		0	1	2	3
17-3023	Electrical & Electronic Engineering Technicians	AD	30			0	1	2	3
17-3026	Industrial Engineering Technicians	AD	10	10	0.0%	0	0	1	1
17-3098	Calibration & Engineering Techs, All Other	AD	60	60	0.0%	0	2	4	6
19-0000	Life, Physical & Social Science Occupations	N/A	1,070	1,120	4.7%	5	22	78	105
19-1000	Life Scientists	N/A	270	280		1	4	18	23
19-1031	Conservation Scientists	BD	40	40	0.0%	0	1	3	4
19-2021	Atmospheric & Space Scientists	BD	10	10	0.0%	0	0	0	0
19-2041	Environmental Scientists & Specialists	BD	30	30	0.0%	0	0	2	2
19-2099	Physical Scientists, Other	BD	20	20	0.0%	0	0	1	1
19-3000	Social Scientists & Related Workers	N/A	220	230	4.5%	1	6	11	18
19-3011	Economists	MD	10	10	0.0%	0	0	0	0
19-3031	Clinical, Counseling & School Psychologists	DOCT	50	60	20.0%	1	1	2	4
19-3051	Urban & Regional Planners	MD	20	20	0.0%	0	0	1	1
19-4000	Life, Physical & Social Science Technicians	N/A	300	310	3.3%	1	7	29	37
19-4061	Social Science Research Assistants	BD	30	30	0.0%	0	1	2	3
19-4071	Forest & Conservation Technicians	AD	50	50	0.0%	0	1	5	6
19-4099	Life, Physical & Social Science Technicians, Other	AD	40	40	0.0%	0	1	4	5
21-0000	Community & Social Services Occupations	N/A	1,850	1,980	7.0%	13	64	122	199
21-1000	Counselors, Social Workers & Community Service Specialists	N/A	1,540	1,660	7.8%	12	50	101	163
21-1012	Educational, Guidance, School & Vocational Counselors	MD	170	190		2	6	11	19
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	BD	210	240	14.3%	3	7	13	23
21-1021	Child, Family & School Social Workers	BD	400	440	10.0%	4	12	27	43
21-1022	Healthcare Social Workers	MD+	50	50	0.0%	0	1	3	4
21-1023	Mental Health & Substance Abuse Social Workers	MD+	60	70	16.7%	1	2	4	7
21-1092	Probation Officers & Correctional Treatment Specialists	BD	60	70	16.7%	1	1	4	6
21-1093	Social & Human Service Assistants	ST OJT	220	240	9.1%	2	9	17	28
21-1094	Community Health Workers	ST OJT	20	20	0.0%	0	1	1	2
21-2000	Religious Workers	N/A	320	320	0.0%	0	14	20	34
21-2011	Clergy	BD+	170	170	0.0%	0	7	10	17

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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/
23-0000	Legal Occupations	N/A	550		5.5%	3	16	24	
23-1000	Lawyers, Judges & Related Workers	N/A	300			2	7	8	
23-1011	Lawyers	DOCT	280		7.1%	2	6	7	15
23-1012	Judicial Law Clerks	DOCT	10			0	0	0	0
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	DOCT	10	10	0.0%	0	0	0	
23-2000	Legal Support Workers	N/A	250		0.0%	1	9	16	
23-2011	Paralegals & Legal Assistants	AD	130	140	7.7%	1	5	9	15
25-0000	Education, Training & Library Occupations	N/A	6,270	7,130		86	258	298	642
25-1000	Postsecondary Teachers	N/A	460		8.7%	3	21	22	46
25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	30	30	0.0%	1	1	1	3
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	40			0	2	2	4
25-1194	Vocational Education Teachers, Postsecondary	BD+	60	60	0.0%	0	3	3	6
25-2000	Primary, Secondary & Special Education School Teachers	N/A	3,540	4,050	14.4%	51	117	158	326
25-2011	Preschool Teachers	AD	200	240		4	9	13	
25-2012	Kindergarten Teachers	BD	100	110	10.0%	1	4	6	11
25-2021	Elementary School Teachers	BD	1,350	1,530	13.3%	19	44	58	
25-2022	Middle School Teachers	BD	660	750	13.6%	9	22	28	59
25-2031	Secondary School Teachers	BD	800	920	15.0%	12	23	35	70
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	190	220	15.8%	3	7	8	
25-2057	Special Education Teachers, Middle School	BD	130	150	15.4%	2	5	6	13
25-3000	Other Teachers & Instructors	N/A	590	690	16.9%	10	38	34	82
25-3021	Self-Enrichment Education Teachers	WK EXP	140	160	14.3%	2	9	8	-
25-3031	Substitute Teachers, Short-Term	BD	340	400	17.6%	6	22	20	
25-4000	Librarians, Curators & Archivists	N/A	110	120	9.1%	0	6	6	12
25-4022	Librarians & Media Collections Specialists	MD	80	80	0.0%	0	4	4	8
25-4031	Library Technicians	PS	30	30	0.0%	0	2	2	4
25-9000	Other Education, Training & Library Occupations	N/A	1,560	1,780	14.1%	22	75	78	175
25-9031	Instructional Coordinators	MD+	50	50	0.0%	0	2	2	4
25-9045	Teaching Assistants, Non-Postsecondary	PS	1,490	1,710	14.8%	21	72	75	168
25-9099	Education, Training & Library Workers, Other	BD	30	30	0.0%	0	1	1	2
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	N/A	1,240	1,410	13.7%	17	56	87	160
27-1000	Art & Design Workers	N/A	250	250	0.0%	0	9	14	23
27-1023	Floral Designers	MT OJT	40			0	1	2	3
27-1024	Graphic Designers	BD	70		0.0%	0	2	4	6
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	70	60	-14.3%	0	2	4	6

00 G			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/
27-2000	Entertainers & Performers, Sports & Related Workers	N/A	500		22.0%	11	30	40	81
27-2022	Coaches & Scouts	BD	200	240	20.0%	4	12	18	34
27-3000	Media & Communication Workers	N/A	330	340	3.0%	1	11	21	33
27-3031	Public Relations Specialists	BD	70	80	14.3%	1	2	5	8
27-3041	Editors	BD+	100	100	0.0%	0	3	6	9
27-3043	Writers & Authors	BD+	50	50	0.0%	0	2	3	5
27-4000	Media & Communication Equipment Workers	N/A	160	210	31.2%	5	6	12	23
27-4011	Audio & Video Equipment Technicians	PS	30	40	33.3%	1	1	3	5
27-4021	Photographers	MT OJT	80	100	25.0%	2	3	5	10
29-0000	Healthcare Practitioners & Technical Occupations	N/A	5,700	6,320	10.9%	62	154	182	398
29-1000	Health Diagnosing & Treating Practitioners	N/A	3,620	4,060		44	93	90	227
29-1021	Dentists, General	DOCT	120	130		1	2	1	4
29-1031	Dietitians & Nutritionists	BD+	80	90	12.5%	1	3	3	7
29-1041	Optometrists	DOCT	60	70		1	1	1	3
29-1051	Pharmacists	DOCT	190	200		1	4	4	9
29-1071	Physician Assistants	MD	80	100	25.0%	2	1	3	6
29-1122	Occupational Therapists	MD	60	70	16.7%	1	1	2	4
29-1123	Physical Therapists	DOCT	130	160	23.1%	3	3	3	9
29-1126	Respiratory Therapists	AD	70	90	28.6%	2	2	2	6
29-1127	Speech-Language Pathologists	MD+	60	70	16.7%	1	1	2	4
29-1131	Veterinarians	DOCT	140	150	7.1%	1	2	2	5
29-1141	Registered Nurses	BD	1,850	2,040	10.3%	19	52	49	120
29-1171	Nurse Practitioners	MD	140	210	50.0%	7	4	5	16
29-1215	Family Medicine Physicians	DOCT	20	20	0.0%	0	0	0	0
29-1228	Physicians & Ophthalmologists, All Other	DOCT	270	260	-3.7%	-1	4	3	6
29-1292	Dental Hygienists	AD	150	170	13.3%	2	6	4	12
29-2000	Health Technologists & Technicians	N/A	2,000	2,170	8.5%	18	59	88	165
29-2034	Radiologic Technologists	AD	170	180	5.9%	2	5	8	15
29-2040	Emergency Medical Technicians & Paramedics	PS	260	250	-3.8%	-2	5	12	15
29-2052	Pharmacy Technicians	MT OJT	240	290	20.8%	4	7	11	22
29-2055	Surgical Technologists	PS	60	70	16.7%	1	2	3	6
29-2056	Veterinary Technologists & Technicians	AD	90	100	11.1%	0	3	4	7
29-2057	Ophthalmic Medical Technicians	PS	50	70	40.0%	2	2	3	7
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	550	590	7.3%	4	19	24	47
29-2081	Opticians, Dispensing	LT OJT	60	70	16.7%	1	3	2	6

300		P.1	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/	
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	230			2	7	10	19
29-9000	Other Healthcare Practitioners & Technical Occupations	N/A	80			0	2	4	6
31-0000	Healthcare Support Occupations	N/A	4,580		13.5%	62	293	296	651
31-1100	Nursing, Psychiatric, & Home Health Aides	N/A	3,600			49	246	217	512
31-1120	Home Health & Personal Care Aides	ST OJT	2,540	,		41	176	155	372
31-1131	Nursing Assistants	PS	1,010	,	7.9%	8	67	59	134
31-2000	Occupational & Physical Therapist Assistants & Aides	N/A	130	180	38.5%	5	7	12	24
31-2021	Physical Therapist Assistants	AD	70		42.9%	3	3	6	12
31-2022	Physical Therapist Aides	ST OJT	30			1	2	3	6
31-9000	Other Healthcare Support Occupations	N/A	850			8	40	66	114
31-9011	Massage Therapists	PS	40			1	2	2	5
31-9091	Dental Assistants	PS	120			1	6	9	16
31-9092	Medical Assistants	PS	370			5	16	29	50
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	40			0	2	5	7
31-9097	Phlebotomists	PS	120			2	6	9	17
31-9099	Healthcare Support Workers, Other	ST OJT	40			0	2	2	4
33-0000	Protective Service Occupations	N/A	3,200	3,420	6.9%	22	200	225	447
33-1012	Supervisors - Police & Detectives	WK EXP		80	14.3%	1	2	3	6
33-1090	Supervisors - Protective Service Workers	WK EXP	80	90	12.5%	0	3	5	8
33-3000	Law Enforcement Workers	N/A	1,490	1,530	2.7%	4	46	78	128
33-3011	Bailiffs	MT OJT	30			0	1	2	3
33-3012	Correctional Officers & Jailers	MT OJT	650	620	-4.6%	-3	24	34	55
33-3021	Detectives & Criminal Investigators	WK EXP	110	120	9.1%	0	3	5	8
33-3051	Police & Sheriff's Patrol Officers	MT OJT	690			6	18	37	61
33-9000	Other Protective Service Workers	N/A	1,490	1,670	12.1%	18	147	136	301
33-9032	Security Guards	ST OJT	700		5.7%	4	38	56	98
33-9091	Crossing Guards	ST OJT	140			2	22	8	32
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	280	360	28.6%	8	44	35	87
33-9093	Transportation Security Screeners	ST OJT	80	80	0.0%	0	3	4	7
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	270	290	7.4%	2	38	31	71
35-0000	Food Preparation & Serving Related Occupations	N/A	10,220	11,880	16.2%	166	822	1,132	2,120
35-1000	Supervisors, Food Preparation & Serving Workers	N/A	930	1,090	17.2%	15	44	102	161
35-1011	Chefs & Head Cooks	WK EXP			11.1%	1	3	9	13
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP			16.5%	14	41	94	149
35-2000	Cooks & Food Preparation Workers	N/A	2,270	2,780	22.5%	51	157	219	427

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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/
35-2011	Cooks, Fast Food	ST OJT	240		-8.3%	-2	14		
35-2012	Cooks, Institution & Cafeteria	ST OJT	230	250	8.7%	2	14	20	36
35-2014	Cooks, Restaurant	MT OJT	1,290	1,790	38.8%	50	90	132	272
35-2015	Cooks, Short Order	ST OJT	40	50	25.0%	0	3	4	7
35-2021	Food Preparation Workers	ST OJT	420	430	2.4%	0	33	39	72
35-3000	Food & Beverage Serving Workers	N/A	5,870	6,660	13.5%	80	512	698	1,290
35-3011	Bartenders	ST OJT	700	880	25.7%	18	36	96	150
35-3023	Fast Food & Counter Workers	ST OJT	2,910	3,250	11.7%	34	298	325	657
35-3031	Waiters & Waitresses	ST OJT	2,040	2,310	13.2%	27	159	259	445
35-3041	Food Servers, Nonrestaurant	ST OJT	220	240	9.1%	1	18	18	
35-9000	Other Food Preparation & Serving Related Workers	N/A	1,150	1,360	18.3%	20	110	113	243
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	420	500	19.0%	9	40	40	
35-9021	Dishwashers	ST OJT	500	570	14.0%	7	40	44	
37-0000	Building & Grounds Cleaning & Maintenance Occupations	N/A	5,130	5,490	7.0%	36	311	379	
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	N/A	390		5.1%	2	16	28	
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP		270	3.8%	1	11	18	
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	130	140	7.7%	1	4	10	
37-2000	Building Cleaning & Pest Control Workers	N/A	3,680	3,920	6.5%	24	247	255	526
37-2011	Janitors & Cleaners	ST OJT	1,560	1,710	9.6%	14	102	115	231
37-2012	Maids & Housekeeping Cleaners	ST OJT	2,070	2,170	4.8%	9	144	136	289
37-2021	Pest Control Workers	MT OJT	40	40	0.0%	0	1	4	5
37-3000	Grounds Maintenance Workers	N/A	1,060	1,160	9.4%	10	48	96	
37-3011	Landscaping & Groundskeeping Workers	ST OJT	1,040	1,140	9.6%	10	47	94	151
39-0000	Personal Care & Service Occupations	N/A	3,950	4,540	14.9%	60	270	338	668
39-1000	Supervisors, Personal Care & Service Workers	N/A	280	330	17.9%	6	11	21	38
39-2000	Animal Care & Service Workers	N/A	240	290	20.8%	5	17	22	44
39-3000	Entertainment Attendants & Related Workers	N/A	790	1,050		26	80	98	204
39-3021	Motion Picture Projectionists	ST OJT	10	20	100.0%	1	2	2	5
39-3091	Amusement & Recreation Attendants	ST OJT	530	730	37.7%	20	61	70	151
39-5000	Personal Appearance Workers	N/A	790	840	6.3%	4	42	45	91
39-5011	Barbers	PS	30	40	33.3%	0	1	2	
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	580	600	3.4%	3	31	33	67
39-5092	Manicurists & Pedicurists	PS	150	160	6.7%	1	8	8	
39-6000	Transportation, Tourism & Lodging Attendants	N/A	160	170	6.2%	1	8	12	21
39-9000	Other Personal Care & Service Workers	N/A	1,600	1,770	10.6%	17	106	132	255

200			Emplo	oyment 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/
39-9011	Childcare Workers	ST OJT	980			7	68	71	146
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	130			4	9	14	
39-9032	Recreation Workers	ST OJT	300			5	19	31	55
41-0000	Sales & Related Occupations	N/A	11,010		3.5%	39	630	903	1,572
41-1000	Supervisors - Sales Workers	N/A	1,880	,		-1	64	127	190
41-1011	Supervisors - Retail Sales Workers	WK EXP	1,580		0.6%	0	56	110	166
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	300		-6.7%	-1	8	17	24
41-2000	Retail Sales Workers	N/A	7,320	7,600	3.8%	28	504	654	1,186
41-2011	Cashiers	ST OJT	3,100	3,130	1.0%	3	265	298	566
41-2022	Parts Salespersons	MT OJT	230	250	8.7%	2	10	18	
41-2031	Retail Salespersons	ST OJT	3,790			20	218	322	560
41-3000	Sales Representatives, Services	N/A	760	810	6.6%	5	22	57	
41-3021	Insurance Sales Agents	MT OJT	250	240	-4.0%	-1	8	14	21
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	150		13.3%	2	4	10	
41-3091	Sales Representatives - Services	MT OJT	270	300	11.1%	4	7	25	36
41-4000	Sales Representatives, Wholesale & Manufacturing	N/A	470	500	6.4%	3	14	33	50
41-9000	Other Sales & Related Workers	N/A	580	620	6.9%	4	25	32	61
41-9022	Real Estate Sales Agents	MT OJT	440	460	4.5%	2	19	20	41
41-9099	Sales & Related Workers, Other	ST OJT	110	120	9.1%	1	5	10	
43-0000	Office & Administrative Support Occupations	N/A	12,380	12,210	-1.4%	-18	599	764	1,345
43-1000	Supervisors - Office & Administrative Support Workers	N/A	1,080	1,090	0.9%	1	40	66	
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	1,080	1,090	0.9%	1	40	66	107
43-2000	Communications Equipment Operators	N/A	90	_		-2	4	5	7
43-2011	Switchboard Operators	ST OJT	90	70	-22.2%	-2	4	5	7
43-3000	Financial Clerks	N/A	1,900	1,840	-3.2%	-5	92	106	193
43-3011	Bill & Account Collectors	MT OJT	50			0	2	4	6
43-3021	Billing & Posting Clerks	MT OJT	160		0.0%	0	6	10	
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	930	920	-1.1%	-1	54	47	100
43-3051	Payroll & Timekeeping Clerks	MT OJT	80	70	-12.5%	-1	3	4	6
43-3061	Procurement Clerks	MT OJT	30	30	0.0%	0	1	2	3
43-3071	Tellers	ST OJT	640	610	-4.7%	-3	25	39	61
43-4000	Information & Record Clerks	N/A	3,190	3,210	0.6%	3	161	242	406
43-4031	Court, Municipal & License Clerks	LT OJT	30			0	2	2	4
43-4051	Customer Service Representatives	ST OJT	1,150	,		4	55	92	151
43-4061	Eligibility Interviewers, Government Programs	MT OJT	160	170	6.2%	0	6	8	14

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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/
43-4071	File Clerks	ST OJT	80			-1	4	5	8
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	440	450	2.3%	2	26	47	
43-4111	Interviewers	ST OJT	110	100	-9.1%	-1	6	7	12
43-4121	Library Assistants, Clerical	ST OJT	90	80	-11.1%	-1	8	6	13
43-4131	Loan Interviewers & Clerks	ST OJT	20			0	1	1	2
43-4151	Order Clerks	PS	40		0.0%	0	2	3	5
43-4161	Human Resources Assistants	AD	70		-14.3%	-1	2	4	5
43-4171	Receptionists & Information Clerks	ST OJT	720	710	-1.4%	0	40	49	89
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	90	90	0.0%	0	3	6	9
43-4199	Information & Record Clerks, Other	ST OJT	110	110	0.0%	0	4	7	11
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	N/A	1,170			-5	42	58	
43-5021	Couriers & Messengers	ST OJT	40			-1	2	2	3
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	80	90	12.5%	1	3	5	9
43-5032	Dispatchers	MT OJT	130			1	5	8	14
43-5051	Postal Service Clerks	ST OJT	150	130	-13.3%	-2	6	5	9
43-5052	Postal Service Mail Carriers	ST OJT	250			-4	8	8	12
43-5061	Production, Planning & Expediting Clerks	MT OJT	170	190	11.8%	1	6	12	19
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	260			0	9	15	24
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	50	50	0.0%	0	2	3	5
43-6000	Secretaries & Administrative Assistants	N/A	2,110	2,000	-5.2%	-11	104	115	208
43-6013	Medical Secretaries	MT OJT	280	300	7.1%	2	15	16	
43-6014	Secretaries	ST OJT	1,610	,		-9	79	87	157
43-9000	Other Office & Administrative Support Workers	N/A	2,860	/	0.3%	1	154	172	327
43-9021	Data Entry Keyers	ST OJT	50			-2	2	3	3
43-9022	Word Processors & Typists	ST OJT	80			-3	4	4	5
43-9031	Desktop Publishers	AD	10			0	0	0	0
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	30			0	1	2	3
43-9061	Office Clerks, General	ST OJT	2,540	2,600	2.4%	5	140	152	297
43-9081	Proofreaders & Copy Markers	BD	10	10	0.0%	0	0	0	0
43-9199	Office & Administrative Support Workers, Other	ST OJT	120	120	0.0%	0	5	8	13
45-0000	Farming, Fishing & Forestry Occupations	N/A	790	840	6.3%	6	34	92	132
45-2000	Agricultural Workers	N/A	740			5	32	87	124
45-2041	Graders & Sorters, Agricultural Products	ST OJT	10			0	0	1	1
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	160	180		2	7	20	29
47-0000	Construction & Extraction Occupations	N/A	4,340	4,820	11.1%	48	142	310	500

			Emplo	yment Out	look		Annua	ıl 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/
47-1000	Supervisors - Construction & Extraction Workers	N/A	430			6	13	30	
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	430			6	13	30	
47-2000	Construction Trades Workers	N/A	2,960	3,290		33	92	209	334
47-2021	Brickmasons & Blockmasons	LT OJT	50			0	1	3	4
47-2031	Carpenters	LT OJT	570	650		8	18	38	64
47-2051	Cement Masons & Concrete Finishers	MT OJT	80	70		0	2	5	7
47-2061	Construction Laborers	ST OJT	800	980	22.5%	17	26	60	103
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	490	480	-2.0%	-1	16	35	50
47-2081	Drywall & Ceiling Tile Installers	MT OJT	10	10	0.0%	0	0	1	1
47-2111	Electricians	LT OJT	300	340	13.3%	4	9	24	
47-2141	Painters, Construction & Maintenance	MT OJT	190	220		2	6	11	19
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	170			1	5	13	19
47-2181	Roofers	MT OJT	70	80	14.3%	1	2	5	8
47-2211	Sheet Metal Workers	LT OJT	50			0	1	3	4
47-3000	Helpers, Construction Trades	N/A	70	80	14.3%	0	2	6	8
47-3012	HelpersCarpenters	ST OJT	30	40	33.3%	0	1	3	4
47-4000	Other Construction & Related Workers	N/A	730	830	13.7%	10	30	52	92
47-4011	Construction & Building Inspectors	WK EXP	60	60	0.0%	0	3	4	7
47-4051	Highway Maintenance Workers	MT OJT	490	550	12.2%	6	20	33	59
47-4061	Rail-Track Laying & Maintenance Equipment Operators	MT OJT	20	20	0.0%	0	0	1	1
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	70	90	28.6%	2	3	7	12
47-5000	Extraction Workers	N/A	140	140	0.0%	0	4	12	16
47-5022	Excavating/Loading/Dragline Machine Oprs, Surface Mining	WK EXP	100	100	0.0%	0	3	8	11
47-5097	Earth Drillers, Explosives Workers & Ordnance Handlers	WK EXP	10	10	0.0%	0	0	1	1
49-0000	Installation, Maintenance & Repair Occupations	N/A	5,150	5,690	10.5%	54	173	341	568
49-1000	Supervisors - Installation, Maintenance & Repair Workers	N/A	450	490	8.9%	4	14	28	46
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	450	490	8.9%	4	14	28	
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	N/A	280	310	10.7%	3	10	20	33
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	20	20	0.0%	0	0	1	1
49-2098	Security & Fire Alarm Systems Installers	MT OJT	30	30	0.0%	0	1	2	3
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	N/A	1,580	1,620	2.5%	4	49	105	158
49-3021	Automotive Body & Related Repairers	LT OJT	230	240	4.3%	0	8	14	22
49-3023	Automotive Service Technicians & Mechanics	PS	780	780	0.0%	0	23	53	76
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	250	270	8.0%	2	7	16	25
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	20	30	50.0%	0	1	2	3

205			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/
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	70			0	2	5	7
49-3043	Rail Car Repairers	LT OJT	20			0	1	2	3
49-3051	Motorboat Mechanics & Service Technicians	LT OJT	40	40	0.0%	1	2	3	6
49-3052	Motorcycle Mechanics	PS	20			0	1	1	2
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	50	60	20.0%	0	2	4	6
49-9000	Other Installation, Maintenance & Repair Occupations	N/A	2,840	3,270	15.1%	43	101	188	332
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	270	300	11.1%	3	7	19	
49-9041	Industrial Machinery Mechanics	LT OJT	380	460	21.1%	8	13	22	43
49-9043	Maintenance Workers, Machinery	LT OJT	20	20	0.0%	0	1	1	2
49-9052	Telecommunications Line Installers & Repairers	LT OJT	150	180	20.0%	3	4	14	21
49-9062	Medical Equipment Repairers	AD+	40			0	2	2	4
49-9063	Musical Instrument Repairers & Tuners	LT OJT	10	10	0.0%	0	0	1	1
49-9071	Maintenance & Repair Workers, General	MT OJT	1,600	1,870	16.9%	27	61	101	189
49-9098	HelpersInstallation, Maintenance & Repair Workers	ST OJT	110	110		1	5	9	1.0
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	90	100	11.1%	1	4	7	12
51-0000	Production Occupations	N/A	4,750			6	177	340	
51-1000	Supervisors - Production Workers	N/A	450		4.4%	2	14	31	47
51-1011	Supervisors - Production & Operating Workers	WK EXP	450	470	4.4%	2	14	31	47
51-2000	Assemblers & Fabricators	N/A	660	640	-3.0%	-2	25	46	69
51-2028	Electrical, Electronic, & Electromechanical Assemblers	MT OJT	100	90	-10.0%	-1	4	6	-
51-2090	Misc. Assemblers & Fabricators	MT OJT	530			-1	20	38	
51-3000	Food Processing Workers	N/A	340		11.8%	4	18	27	
51-3011	Bakers	LT OJT	210			3	12	16	
51-3021	Butchers & Meat Cutters	LT OJT	80			1	4	6	
51-3092	Food Batchmakers	MT OJT	20			0	1	1	2
51-4000	Metal Workers & Plastic Workers	N/A	590		8.5%	5	19	44	68
51-4023	Rolling Machine Operators	MT OJT	10			0	0	0	
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	50			0	2	3	5
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	MT OJT	30			0	1	2	
51-4041	Machinists	LT OJT	110	130	18.2%	2	4	8	
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	150			3	4	13	
51-4122	Welding, Soldering & Brazing Machine Operators	MT OJT	40	50	25.0%	1	1	3	5
51-5100	Printing Workers	N/A	80			-1	3	5	7
51-5112	Printing Press Operators	MT OJT	50			-1	2	3	
51-6000	Textile, Apparel & Furnishings Workers	N/A	310	300	-3.2%	-1	19	19	37

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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/
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	130			1	9	9	19
51-6031	Sewing Machine Operators	ST OJT	70			-1	4	4	7
51-7000	Woodworkers	N/A	100			-2	4	6	8
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	70			-2	2	3	3
51-8000	Plant & System Operators	N/A	190			0	6	13	19
51-8021	Stationary Engineers & Boiler Operators	LT OJT	30	30	0.0%	0	2	2	4
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	140	140	0.0%	0	4	9	13
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	MT OJT	10	10	0.0%	0	0	0	0
51-9000	Other Production Occupations	N/A	2,030	2,040	0.5%	1	71	151	223
51-9011	Chemical Equipment Operators	MT OJT	120	110	-8.3%	-1	3	9	11
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	MT OJT	50	50	0.0%	1	1	4	6
51-9021	Crushing, Grinding & Polishing Machine Operators	MT OJT	10	10	0.0%	0	0	0	0
51-9023	Mixing & Blending Machine Operators	MT OJT	40	40	0.0%	0	1	3	4
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	410	350	-14.6%	-5	14	30	39
51-9071	Jewelers & Precious Stone & Metal Workers	LT OJT	20	20	0.0%	0	1	1	2
51-9111	Packaging & Filling Machine Operators	MT OJT	210	220	4.8%	1	9	14	24
51-9124	Coating, Painting & Spraying Machine Setters/Oprs/Tenders	MT OJT	100	110	10.0%	1	3	8	12
51-9161	CNC Tool Operators	MT OJT	110	120	9.1%	0	4	8	12
51-9198	HelpersProduction Workers	ST OJT	80	70	-12.5%	0	4	7	11
53-0000	Transportation & Material Moving Occupations	N/A	9,450	10,430	10.4%	98	482	760	1,340
53-1000	Supervisors - Transportation & Material Moving Workers	N/A	350		5.7%	2	13	25	40
53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	350	370	5.7%	2	13	25	40
53-2012	Commercial Pilots	MT OJT	60	60	0.0%	0	2	4	6
53-3000	Motor Vehicle Operators	N/A	3,590	4,190	16.7%	60	204	232	496
53-3031	Driver/Sales Workers	ST OJT	70	80	14.3%	1	3	5	9
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	1,530	1,610	5.2%	8	64	106	178
53-3033	Light Truck or Delivery Services Drivers	ST OJT	440	480	9.1%	4	19	31	54
53-3058	Passenger Vehicle Drivers	ST OJT	1,500	1,970	31.3%	48	114	86	248
53-4000	Rail Transportation Workers	N/A	150	160	6.7%	1	4	10	15
53-4011	Locomotive Engineers	WK EXP	40	40	0.0%	0	1	2	3
53-4031	Railroad Conductors & Yardmasters	MT OJT	80	80	0.0%	1	2	5	8
53-6000	Other Transportation Workers	N/A	170	200	17.6%	2	9	17	28
53-6031	Automotive & Watercraft Service Attendants	ST OJT	80	100	25.0%	1	4	8	13
53-7000	Material Moving Workers	N/A	5,080	5,390	6.1%	32	248	468	748
53-7051	Industrial Truck & Tractor Operators	ST OJT	950			-19	26	65	72

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/
53-7061	Cleaners of Vehicles & Equipment	ST OJT	180	200	11.1%	2	9	17	28
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	1,770	1,790	1.1%	3	78	155	236
53-7064	Packers & Packagers, Hand	ST OJT	190	210	10.5%	2	11	16	29
53-7065	Stockers & Order Fillers	ST OJT	1,900	2,320	22.1%	42	120	205	367

### 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.