300		ъ.	Emplo	yment Out	<u>look</u>		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/
00-0000	Total, All Occupations	N/A	54,070	,		370	2,461	3,792	6,623
11-0000	Management Occupations	N/A	2,660	,		18	84	141	243
11-1000	Top Executives	N/A	840			5	18	52	75
11-1011	Chief Executives	BD+	80	70		0	2	3	5
11-1021	General & Operations Managers	BD+	750	810		6	16	48	70
11-1031	Legislators	BD+	10			0	0	0	0
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	N/A	60	70		0	1	4	5
11-2022	Sales Managers	BD+	40	40		0	1	3	4
11-3000	Operations Specialties Managers	N/A	420	460	9.5%	4	9	23	36
11-3010	Administrative Services & Facilities Managers	BD+	60	60		0	2	3	5
11-3031	Financial Managers	BD+	80	90		1	2	4	7
11-3051	Industrial Production Managers	BD+	100	100		0	2	5	7
11-3061	Purchasing Managers	BD+	30			0	1	1	2
11-3071	Transportation, Storage & Distribution Managers	WK EXP	80	90		1	2	5	8
11-3121	Human Resources Managers	BD+	30			0	1	2	3
11-9000	Other Management Occupations	N/A	1,340	1,430	6.7%	8	56	62	126
11-9032	Education Administrators, Elementary & Secondary School	MD+	80			1	2	4	7
11-9051	Food Service Managers	WK EXP	80		12.5%	1	3	7	11
11-9111	Medical & Health Services Managers	BD+	100	140	40.0%	3	3	6	12
11-9121	Natural Sciences Managers	BD+	40	40	0.0%	0	1	2	3
11-9131	Postmasters & Mail Superintendents	WK EXP	10	10	0.0%	0	0	0	0
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+	50	50	0.0%	0	2	3	5
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	150	160	6.7%	1	4	8	13
13-0000	Business & Financial Operations Occupations	N/A	1,980	2,110	6.6%	14	56	118	188
13-1000	Business Operations Specialists	N/A	1,400			12	39	86	137
13-1020	Buyers & Purchasing Agents	BD+	130	120	-7.7%	-1	4	8	11
13-1041	Compliance Officers	BD+	180	180	0.0%	0	4	10	14
13-1051	Cost Estimators	BD+	50	50	0.0%	0	2	3	5
13-1071	Human Resources Specialists	BD	180	200	11.1%	2	5	13	20
13-1075	Labor Relations Specialists	BD+	20	20		0	1	2	3
13-1081	Logisticians	BD	100	130	30.0%	3	2	7	12
13-1111	Management Analysts	BD+	220	260	18.2%	3	8	14	25
13-1131	Fundraisers	BD	20	30		1	1	2	4
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	10	10	0.0%	0	0	1	1

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/
13-1151	Training & Development Specialists	BD+	50			1	2	3	6
13-1161	Market Research Analysts & Marketing Specialists	BD	40			1	1	4	6
13-1198	Project Mgmt & Other Business Oprs Specialists	BD	310		6.5%	2	7	16	25
13-2000	Financial Specialists	N/A	570	590		1	17	32	50
13-2011	Accountants & Auditors	BD	280	290	3.6%	0	8	17	25
13-2031	Budget Analysts	BD	30	30	0.0%	0	1	2	3
13-2072	Loan Officers	BD+	60	70	16.7%	0	1	4	5
13-2098	Financial, Investment & Risk Specialists, All Other	BD	60	70	16.7%	0	1	4	5
15-0000	Computer & Mathematical Occupations	N/A	540	600	11.1%	6	12	28	46
15-1221	Computer & Information Research Scientists	MD	10	20	100.0%	0	0	1	1
15-1232	Computer User Support Specialists	PS	50	50	0.0%	0	1	3	4
15-1244	Network & Computer Systems Administrators	BD	30	30	0.0%	0	0	1	1
15-1251	Computer Programmers	BD	10	10	0.0%	0	0	0	0
15-1299	Computer Occupations, All Other	BD	190	220	15.8%	3	5	10	18
15-2031	Operations Research Analysts	BD	20	30	50.0%	0	1	1	2
17-0000	Architecture & Engineering Occupations	N/A	970	1,040	7.2%	6	25	50	81
17-1000	Architects, Surveyors & Cartographers	N/A	40	40	0.0%	0	1	2	3
17-1011	Architects	BD+	20	20	0.0%	0	0	1	1
17-2000	Engineers	N/A	540	600	11.1%	5	12	24	41
17-2011	Aerospace Engineers	BD	10	20	100.0%	0	0	0	0
17-2051	Civil Engineers	BD	60	60	0.0%	0	1	3	4
17-2112	Industrial Engineers	BD	150	170	13.3%	3	4	6	13
17-2141	Mechanical Engineers	BD	100	100	0.0%	0	2	4	6
17-2199	Engineers, Other	BD	60	60	0.0%	0	1	2	3
17-3000	Drafters, Engineering & Mapping Technicians	N/A	390	400	2.6%	1	12	25	38
17-3011	Architectural & Civil Drafters	AD	40	40	0.0%	0	1	2	3
17-3026	Industrial Engineering Technicians	AD	20	20	0.0%	0	1	1	2
19-0000	Life, Physical & Social Science Occupations	N/A	490	510	4.1%	2	10	34	46
19-3000	Social Scientists & Related Workers	N/A	130	130	0.0%	1	3	6	10
19-3031	Clinical, Counseling & School Psychologists	DOCT	30	30	0.0%	0	1	1	2
19-4000	Life, Physical & Social Science Technicians	N/A	90	90	0.0%	0	2	9	11
19-4099	Life, Physical & Social Science Technicians, Other	AD	10	10	0.0%	0	0	1	1
19-5000	Occupational Health & Safety Specialists & Technicians	N/A	40	40	0.0%	0	1	2	3
19-5011	Occupational Health & Safety Specialists	BD	40	40	0.0%	0	1	2	3
21-0000	Community & Social Services Occupations	N/A	1,030	1,090	5.8%	5	38	68	111

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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/
21-1000	Counselors, Social Workers & Community Service Specialists	N/A	740		6.8%	4	25	49	78
21-1012	Educational, Guidance, School & Vocational Counselors	MD	70	70	0.0%	0	2	4	6
21-1022	Healthcare Social Workers	MD+	60	70	16.7%	0	2	4	6
21-1029	Social Workers, Other	BD	30	40	33.3%	0	1	2	3
21-1093	Social & Human Service Assistants	ST OJT	170	150	-11.8%	-1	6	12	17
21-2000	Religious Workers	N/A	290	300	3.4%	1	13	19	33
21-2011	Clergy	BD+	160	160	0.0%	0	7	9	16
23-0000	Legal Occupations	N/A	220	240	9.1%	2	6	9	17
25-0000	Education, Training & Library Occupations	N/A	2,780	3,110		34	116	132	282
25-2000	Primary, Secondary & Special Education School Teachers	N/A	1,620	1,710	5.6%	9	50	69	128
25-2011	Preschool Teachers	AD	120	120	0.0%	0	5	7	12
25-2021	Elementary School Teachers	BD	750	800	6.7%	4	24	31	59
25-2031	Secondary School Teachers	BD	350	370	5.7%	2	10	15	27
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	50	50	0.0%	0	2	2	4
25-3000	Other Teachers & Instructors	N/A	420	550	31.0%	13	29	26	68
25-3021	Self-Enrichment Education Teachers	WK EXP	210	300	42.9%	9	15	14	38
25-4022	Librarians & Media Collections Specialists	MD	40	40	0.0%	0	2	2	4
25-4031	Library Technicians	PS	10	20	100.0%	0	1	1	2
25-9000	Other Education, Training & Library Occupations	N/A	410	430	4.9%	2	19	20	41
25-9045	Teaching Assistants, Non-Postsecondary	PS	370	390	5.4%	2	17	18	37
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	N/A	570	610	7.0%	4	24	37	65
27-1000	Art & Design Workers	N/A	200	200	0.0%	0	6	12	18
27-1023	Floral Designers	MT OJT	60	50	-16.7%	0	2	3	5
27-1024	Graphic Designers	BD	70	70	0.0%	0	2	4	6
27-3000	Media & Communication Workers	N/A	140	150	7.1%	2	5	9	16
27-3031	Public Relations Specialists	BD	40	50	25.0%	1	1	3	5
29-0000	Healthcare Practitioners & Technical Occupations	N/A	3,220	3,460	7.5%	24	86	105	215
29-1000	Health Diagnosing & Treating Practitioners	N/A	1,910	2,070	8.4%	16	48	48	112
29-1031	Dietitians & Nutritionists	BD+	40	40	0.0%	1	1	1	3
29-1051	Pharmacists	DOCT	80	80	0.0%	0	2	2	4
29-1071	Physician Assistants	MD	80	110	37.5%	3	2	4	9
29-1122	Occupational Therapists	MD	30	40	33.3%	0	1	1	2
29-1123	Physical Therapists	DOCT	50	50	0.0%	0	1	1	2
29-1125	Recreational Therapists	BD	20	20	0.0%	0	0	1	1
29-1127	Speech-Language Pathologists	MD+	40	50	25.0%	1	1	2	4

305			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/
29-1131	Veterinarians	DOCT	40			0	1	1	2
29-1141	Registered Nurses	BD	1,010	1,080	6.9%	7	28	26	61
29-1171	Nurse Practitioners	MD	30	50	66.7%	2	1	1	4
29-1215	Family Medicine Physicians	DOCT	40	40	0.0%	0	1	0	1
29-1228	Physicians & Ophthalmologists, All Other	DOCT	150			0	2	2	4
29-1292	Dental Hygienists	AD	80			1	3	2	6
29-2010	Clinical Laboratory Technologists & Technicians	BD	70			0	2	3	5
29-2034	Radiologic Technologists	AD	70	80	14.3%	0	2	3	5
29-2040	Emergency Medical Technicians & Paramedics	PS	180	180	0.0%	0	3	8	11
29-2052	Pharmacy Technicians	MT OJT	100	110	10.0%	1	3	5	9
29-2056	Veterinary Technologists & Technicians	AD	60		16.7%	0	2	3	
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	360	390	8.3%	4	13	16	33
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	150	160	6.7%	1	4	6	
31-0000	Healthcare Support Occupations	N/A	2,420	2,750	13.6%	32	154	157	343
31-1100	Nursing, Psychiatric, & Home Health Aides	N/A	1,870	2,150	15.0%	28	129	114	271
31-1120	Home Health & Personal Care Aides	ST OJT	1,250	1,470		22	87	77	186
31-2000	Occupational & Physical Therapist Assistants & Aides	N/A	60	70	16.7%	1	3	5	9
31-2021	Physical Therapist Assistants	AD	30	40	33.3%	0	2	3	5
31-9000	Other Healthcare Support Occupations	N/A	490	520	6.1%	3	22	38	63
31-9091	Dental Assistants	PS	60	60	0.0%	0	3	4	7
31-9092	Medical Assistants	PS	270			3	12	21	36
31-9094	Medical Transcriptionists	PS	10			0	0	1	1
31-9095	Pharmacy Aides	ST OJT	30			-1	1	2	2
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	30		0.0%	0	1	3	
33-0000	Protective Service Occupations	N/A	930	890	-4.3%	-4	43	53	92
33-1012	Supervisors - Police & Detectives	WK EXP				0	1	2	3
33-1021	Supervisors - Fire Fighting & Prevention	PS+	10	10	0.0%	0	0	0	v
33-3000	Law Enforcement Workers	N/A	430	390	-9.3%	-4	11	20	27
33-3051	Police & Sheriff's Patrol Officers	MT OJT	310	280	-9.7%	-4	7	15	
33-9000	Other Protective Service Workers	N/A	320	340	6.2%	2	28	24	54
33-9032	Security Guards	ST OJT	120	120	0.0%	1	6	9	16
33-9091	Crossing Guards	ST OJT	60	50	-16.7%	-1	8	3	10
33-9093	Transportation Security Screeners	ST OJT	60			0	2	3	5
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	40	50	25.0%	1	6	5	12
35-0000	Food Preparation & Serving Related Occupations	N/A	3,880	4,570	17.8%	70	324	430	824

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		Growth 1/	Exits 2/	Transfers 3/	Demand 4/
35-1000	Supervisors, Food Preparation & Serving Workers	N/A	390			8	18	43	
35-2000	Cooks & Food Preparation Workers	N/A	730	930	27.4%	20	51	72	143
35-2012	Cooks, Institution & Cafeteria	ST OJT	180	210		4	12	17	
35-2014	Cooks, Restaurant	MT OJT	330	470	42.4%	14	23	34	
35-2021	Food Preparation Workers	ST OJT	100	110	10.0%	1	8	10	
35-3000	Food & Beverage Serving Workers	N/A	2,470	2,840		37	226	286	549
35-3011	Bartenders	ST OJT	180	230	27.8%	5	9	25	39
35-3023	Fast Food & Counter Workers	ST OJT	1,420	1,600	12.7%	18	146	159	323
35-3031	Waiters & Waitresses	ST OJT	630	730	15.9%	10	50	82	142
35-3041	Food Servers, Nonrestaurant	ST OJT	240	280	16.7%	4	21	20	
35-9000	Other Food Preparation & Serving Related Workers	N/A	300	350		5	29	30	
35-9021	Dishwashers	ST OJT	180	200	11.1%	2	14	16	
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	100	120	20.0%	2	13	12	27
37-0000	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	N/A	1,870	2,020	8.0%	15	111	142	268
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	N/A	120	130		1	5	9	15
37-2000	Building Cleaning & Pest Control Workers	N/A	1,240	1,330	7.3%	9	82	87	178
37-2011	Janitors & Cleaners	ST OJT	800	850	6.2%	6	51	58	115
37-3000	Grounds Maintenance Workers	N/A	520	570	9.6%	5	23	46	
37-3011	Landscaping & Groundskeeping Workers	ST OJT	510	560	9.8%	5	23	46	
39-0000	Personal Care & Service Occupations	N/A	1,250	1,400	12.0%	15	79	96	190
39-1000	Supervisors, Personal Care & Service Workers	N/A	100	110	10.0%	1	4	7	12
39-1098	Supervisors - Personal Svc/Entertain't/Recr'n Workers	WK EXP	100	110	10.0%	1	4	7	12
39-2000	Animal Care & Service Workers	N/A	100	150	50.0%	4	8	10	
39-3000	Entertainment Attendants & Related Workers	N/A	80	110	37.5%	2	9	10	
39-3091	Amusement & Recreation Attendants	ST OJT	70	90	28.6%	2	8	9	19
39-5000	Personal Appearance Workers	N/A	420	460	9.5%	4	23	24	51
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	390	440	12.8%	4	22	23	49
39-9000	Other Personal Care & Service Workers	N/A	540	560	3.7%	3	35	43	81
39-9032	Recreation Workers	ST OJT	90	100	11.1%	1	5	9	15
39-9098	Crematory Oprs & Other Personal Service Workers	ST OJT	10	10	0.0%	0	1	1	2
41-0000	Sales & Related Occupations	N/A	4,630	4,790	3.5%	16	258	380	654
41-1000	Supervisors - Sales Workers	N/A	800	790	-1.2%	-1	27	54	80
41-1011	Supervisors - Retail Sales Workers	WK EXP	680	670	-1.5%	-1	24	47	70
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	120	120	0.0%	0	4	7	11
41-2000	Retail Sales Workers	N/A	2,790	2,860	2.5%	7	196	250	453

305			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/
41-2011	Cashiers	ST OJT	1,430		-0.7%	-1	121	136	256
41-2021	Counter & Rental Clerks	ST OJT	120	130	8.3%	1	6	8	15
41-2022	Parts Salespersons	MT OJT	120	120	0.0%	0	5	9	14
41-2031	Retail Salespersons	ST OJT	1,120	1,190	6.2%	7	65	96	168
41-3000	Sales Representatives, Services	N/A	350	380	8.6%	3	10	27	40
41-3021	Insurance Sales Agents	MT OJT	110			1	4	6	11
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	40	50	25.0%	1	1	3	5
41-3091	Sales Representatives - Services	MT OJT	180	190	5.6%	1	5	16	22
41-4000	Sales Representatives, Wholesale & Manufacturing	N/A	520	560	7.7%	4	16	36	56
41-4011	Sales Representatives, Technical & Scientific Products	BD+	10	10	0.0%	0	0	0	0
41-4012	Sales Representatives	MT OJT	520			4	16	36	56
41-9000	Other Sales & Related Workers	N/A	170			3	8	13	24
41-9031	Sales Engineers	BD+	30	30		0	1	2	3
41-9099	Sales & Related Workers, Other	ST OJT	80	110	37.5%	3	4	8	15
43-0000	Office & Administrative Support Occupations	N/A	5,520	5,350	-3.1%	-17	262	331	576
43-1000	Supervisors - Office & Administrative Support Workers	N/A	480			-1	18	29	46
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	480	470		-1	18	29	46
43-2000	Communications Equipment Operators	N/A	20	_		0	1	1	2
43-2011	Switchboard Operators	ST OJT	20	10	-50.0%	0	1	1	2
43-3000	Financial Clerks	N/A	810			-4	38	45	79
43-3011	Bill & Account Collectors	MT OJT	20			0	1	1	2
43-3021	Billing & Posting Clerks	MT OJT	90			0	4	5	9
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	380			-2	22	19	39
43-3051	Payroll & Timekeeping Clerks	MT OJT	40			0	2	2	4
43-3061	Procurement Clerks	MT OJT	30			0	1	2	3
43-3071	Tellers	ST OJT	250			-1	10	15	24
43-4000	Information & Record Clerks	N/A	1,240		-0.8%	-1	60	88	147
43-4051	Customer Service Representatives	ST OJT	450	450	0.0%	0	21	36	57
43-4061	Eligibility Interviewers, Government Programs	MT OJT	80			1	3	4	8
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	70	60	-14.3%	0	4	7	11
43-4111	Interviewers	ST OJT	40			-1	2	2	3
43-4121	Library Assistants, Clerical	ST OJT	30			0	3	2	5
43-4151	Order Clerks	PS	60			-1	2	4	5
43-4161	Human Resources Assistants	AD	30			0	1	2	3
43-4171	Receptionists & Information Clerks	ST OJT	310	310	0.0%	0	17	21	38

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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/
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	N/A	550	540		0	20	29	49
43-5032	Dispatchers	MT OJT	30	40	33.3%	0	1	2	3
43-5051	Postal Service Clerks	ST OJT	30	30	0.0%	0	1	1	2
43-5052	Postal Service Mail Carriers	ST OJT	130	120	-7.7%	0	4	4	8
43-5061	Production, Planning & Expediting Clerks	MT OJT	70	70	0.0%	1	2	4	7
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	210	210	0.0%	0	8	12	20
43-6000	Secretaries & Administrative Assistants	N/A	970	890		-9	47	52	90
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	80	60	-25.0%	-2	3	4	5
43-6012	Legal Secretaries	MT OJT	30	20	-33.3%	0	1	1	2
43-6013	Medical Secretaries	MT OJT	120	130	8.3%	0	6	7	13
43-6014	Secretaries	ST OJT	750	680	-9.3%	-7	36	40	
43-9000	Other Office & Administrative Support Workers	N/A	1,460	1,440	-1.4%	-2	78	87	163
43-9021	Data Entry Keyers	ST OJT	30	20	-33.3%	-1	1	2	2
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	40	40	0.0%	0	2	2	4
43-9061	Office Clerks, General	ST OJT	1,320	1,320	0.0%	0	72	78	150
43-9199	Office & Administrative Support Workers, Other	ST OJT	50	50	0.0%	0	2	3	5
45-0000	Farming, Fishing & Forestry Occupations	N/A	820	840	2.4%	2	35	94	131
45-2000	Agricultural Workers	N/A	760	780	2.6%	2	33	88	123
45-2021	Animal Breeders	ST OJT	10	10	0.0%	0	0	1	1
47-0000	Construction & Extraction Occupations	N/A	2,340	2,440	4.3%	10	70	160	240
47-1000	Supervisors - Construction & Extraction Workers	N/A	200	200	0.0%	0	6	13	19
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	200	200	0.0%	0	6	13	19
47-2000	Construction Trades Workers	N/A	1,910	2,030	6.3%	12	57	131	200
47-2021	Brickmasons & Blockmasons	LT OJT	40	40	0.0%	0	1	2	3
47-2031	Carpenters	LT OJT	400	420	5.0%	1	12	26	39
47-2061	Construction Laborers	ST OJT	380	420	10.5%	4	12	27	43
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	150	150	0.0%	0	5	11	16
47-2111	Electricians	LT OJT	290	320	10.3%	3	9	22	34
47-2141	Painters, Construction & Maintenance	MT OJT	120	120	0.0%	1	4	7	12
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	200	210	5.0%	1	6	15	22
47-4000	Other Construction & Related Workers	N/A	180	160	-11.1%	-2	6	12	16
47-4011	Construction & Building Inspectors	WK EXP	10	10	0.0%	0	1	1	2
47-4051	Highway Maintenance Workers	MT OJT	90	70	-22.2%	-2	3	5	6
49-0000	Installation, Maintenance & Repair Occupations	N/A	2,380	2,590		22	79	154	255
49-1000	Supervisors - Installation, Maintenance & Repair Workers	N/A	210	220	4.8%	1	6	13	20

305			Emplo	yment 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/
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP			4.8%	1	6	13	20
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	N/A	130	130	0.0%	0	4	8	12
49-2022	Telecommunications Equipment Installers & Repairers	PS+	30		0.0%	0	1	2	3
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	20	20	0.0%	0	1	1	2
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	N/A	820	850	3.7%	2	25	55	82
49-3011	Aircraft Mechanics & Service Technicians	PS	70	80	14.3%	2	2	4	8
49-3021	Automotive Body & Related Repairers	LT OJT	90	90	0.0%	0	3	5	8
49-3023	Automotive Service Technicians & Mechanics	PS	310	300	-3.2%	-1	9	20	28
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	150	150	0.0%	0	4	9	13
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	60	70	16.7%	1	2	4	7
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	50	60		0	2	4	6
49-3043	Rail Car Repairers	LT OJT	10	10	0.0%	0	0	0	0
49-9000	Other Installation, Maintenance & Repair Occupations	N/A	1,220	1,400	14.8%	18	43	78	139
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	120	120	0.0%	1	3	8	12
49-9041	Industrial Machinery Mechanics	LT OJT	250	370	48.0%	12	10	17	39
49-9044	Millwrights	LT OJT	20	20	0.0%	0	0	1	1
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	20	30	50.0%	0	0	2	2
49-9071	Maintenance & Repair Workers, General	MT OJT	620	670	8.1%	5	23	38	66
49-9095	Manufactured Building & Mobile Home Installers	ST OJT	40	30	-25.0%	-1	1	2	2
49-9098	HelpersInstallation, Maintenance & Repair Workers	ST OJT	10	20	100.0%	0	1	1	2
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	30	30	0.0%	0	1	2	3
51-0000	<b>Production Occupations</b>	N/A	5,970	6,090	2.0%	12	224	433	669
51-1000	Supervisors - Production Workers	N/A	410	430	4.9%	2	13	28	43
51-1011	Supervisors - Production & Operating Workers	WK EXP	410	430	4.9%	2	13	28	43
51-2000	Assemblers & Fabricators	N/A	910	910	0.0%	0	34	64	98
51-2090	Misc. Assemblers & Fabricators	MT OJT	690	680	-1.4%	-1	26	49	
51-3000	Food Processing Workers	N/A	930	960	3.2%	4	42	71	117
51-3011	Bakers	LT OJT	50	60	20.0%	0	3	4	7
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators	MT OJT	40	40	0.0%	0	1	3	4
51-3092	Food Batchmakers	MT OJT	210	220	4.8%	1	10	16	
51-3093	Food Cooking Machine Operators	MT OJT	60	60	0.0%	0	4	6	10
51-4000	Metal Workers & Plastic Workers	N/A	1,200	1,240	3.3%	4	38	86	128
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	210	210	0.0%	0	7	14	21
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	MT OJT	60	60	0.0%	0	3	4	7
51-4041	Machinists	LT OJT	130	140	7.7%	1	4	9	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		Growth 1/	Exits 2/	Transfers 3/	Demand 4/
51-4051	Metal-Refining Furnace Operators	MT OJT	30		0.0%	0	1	2	3
51-4071	Foundry Mold & Coremakers	MT OJT	40			0	1	2	3
51-4072	Molding, Coremaking & Casting Machine Operators	MT OJT	120	120	0.0%	0	4	8	12
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	340	370	8.8%	3	9	28	40
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	30	30	0.0%	0	2	2	4
51-6031	Sewing Machine Operators	ST OJT	60	60	0.0%	-1	4	3	6
51-7000	Woodworkers	N/A	490	530	8.2%	4	18	32	54
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	280	310	10.7%	2	11	16	
51-7021	Furniture Finishers	ST OJT	20	20	0.0%	0	1	1	2
51-7042	Woodworking Machine Operators	MT OJT	80	90	12.5%	1	2	6	9
51-8000	Plant & System Operators	N/A	120	100		-3	3	7	,
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	100	80	-20.0%	-3	2	6	5
51-9000	Other Production Occupations	N/A	1,740	1,760	1.1%	2	67	132	201
51-9023	Mixing & Blending Machine Operators	MT OJT	60	60		0	2	5	
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	350	320	-8.6%	-3	13	26	36
51-9111	Packaging & Filling Machine Operators	MT OJT	400	440	10.0%	4	17	28	
51-9124	Coating, Painting & Spraying Machine Setters/Oprs/Tenders	MT OJT	130	140	7.7%	2	4	10	16
51-9141	Semiconductor Processors	MT OJT	10	10	0.0%	0	0	0	0
51-9161	CNC Tool Operators	MT OJT	200	200	0.0%	-1	7	15	21
51-9193	Cooling & Freezing Equipment Operators	MT OJT	30	30	0.0%	0	1	2	3
51-9196	Paper Goods Machine Operators	MT OJT	60	60	0.0%	0	3	4	7
51-9198	HelpersProduction Workers	ST OJT	230	220	-4.3%	-1	11	21	31
53-0000	Transportation & Material Moving Occupations	N/A	7,610	8,430	10.8%	82	364	640	1,086
53-1000	Supervisors - Transportation & Material Moving Workers	N/A	330		12.1%	4	13	24	
53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	330	370	12.1%	4	13	24	41
53-3000	Motor Vehicle Operators	N/A	2,280	2,500	9.6%	22	109	155	286
53-3031	Driver/Sales Workers	ST OJT	130		7.7%	1	6	9	- 0
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	1,350	1,440	6.7%	8	57	95	160
53-3033	Light Truck or Delivery Services Drivers	ST OJT	410	420	2.4%	1	17	28	46
53-3058	Passenger Vehicle Drivers	ST OJT	330	450	36.4%	12	26	19	57
53-4000	Rail Transportation Workers	N/A	30	30	0.0%	0	1	2	3
53-4031	Railroad Conductors & Yardmasters	MT OJT	20	20	0.0%	0	0	1	1
53-6000	Other Transportation Workers	N/A	40	40	0.0%	0	2	4	6
53-7000	Material Moving Workers	N/A	4,880	5,430	11.3%	55	238	452	745
53-7051	Industrial Truck & Tractor Operators	ST OJT	650	740	13.8%	9	21	53	83

200		D.I.	Emplo	yment Out	<u>look</u>	Annual 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/	
53-7061	Cleaners of Vehicles & Equipment	ST OJT	120	130	8.3%	1	6	11	18	
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	2,360	2,600	10.2%	24	108	216	348	
53-7064	Packers & Packagers, Hand	ST OJT	430	450	4.7%	2	25	35	62	
53-7065	Stockers & Order Fillers	ST OJT	1,130	1,330	17.7%	19	70	120	209	

### 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.