808			Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2022	2032			Exits 2/	Transfers 3/	Demand 4/
00-0000	Total, All Occupations	N/A	76,930	77,770	1.1%	84	3,935	4,838	8,857
11-0000	Management Occupations	N/A	4,310	4,470	3.7%	16	138	206	360
11-1000	Top Executives	N/A	1,700	1,730	1.8%	3	43	90	136
11-1011	Chief Executives	BD+	100	90	-10.0%	0	3	3	6
11-1021	General & Operations Managers	BD+	1,580	1,610	1.9%	3	40	86	129
11-1031	Legislators	BD+	30	30	0.0%	0	1	1	2
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	N/A	180	190	5.6%	0	4	9	13
11-2021	Marketing Managers	BD+	40	50	25.0%	0	1	2	3
11-2022	Sales Managers	BD+	120	120	0.0%	0	3	6	9
11-3000	Operations Specialties Managers	N/A	700	760	8.6%	6	19	31	56
11-3012	Administrative Services Managers	BD+	50	60	20.0%	0	2	2	4
11-3013	Facilities Managers	BD+	50	50	0.0%	0	2	2	4
11-3021	Computer & Information Systems Managers	BD+	90	100	11.1%	2	2	4	8
11-3031	Financial Managers	BD+	240	270	12.5%	3	6	10	19
11-3051	Industrial Production Managers	BD+	160	150	-6.2%	0	4	7	11
11-3061	Purchasing Managers	BD+	20	20	0.0%	0	0	1	1
11-3071	Transportation, Storage & Distribution Managers	WK EXP	30	30	0.0%	0	1	2	3
11-3121	Human Resources Managers	BD+	50	60	20.0%	0	2	2	4
11-9000	Other Management Occupations	N/A	1,730	1,800	4.0%	6	72	76	154
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	450	430	-4.4%	-2	31	15	44
11-9021	Construction Managers	BD+	50	50	0.0%	0	1	2	3
11-9031	Education Admin., Preschool & Childcare Center/Program	BD+	40	40	0.0%	0	1	1	2
11-9032	Education Administrators, Elementary & Secondary School	MD+	90	90	0.0%	0	2	3	5
11-9033	Education Administrators, Postsecondary	MD+	70	70	0.0%	0	2	3	5
11-9041	Architectural & Engineering Managers	BD+	70	70	0.0%	0	1	3	4
11-9051	Food Service Managers	WK EXP	200	200	0.0%	0	7	15	
11-9111	Medical & Health Services Managers	BD+	200	250	25.0%	5	6	9	20
11-9121	Natural Sciences Managers	BD+	30	30	0.0%	0	1	1	2
11-9131	Postmasters & Mail Superintendents	WK EXP	20	20	0.0%	0	0	1	1
11-9141	Property, Real Estate & Community Association Managers	WK EXP	120	120	0.0%	0	5	4	9
11-9151	Social & Community Service Managers	BD+	90	100	11.1%	1	3	4	8
11-9199	Managers, Other	BD+	250	260	4.0%	1	8	11	20
13-0000	Business & Financial Operations Occupations	N/A	2,810	2,920	3.9%	11	89	135	235

200			Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2022	2032	Change	Growth 1/	Exits 2/	Transfers 3/	Demand 4/
13-1000	Business Operations Specialists	N/A	1,740	1,790	2.9%	6			
13-1020	Buyers & Purchasing Agents	BD+	210	190	-9.5%	-2	8	11	17
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	100	100	0.0%	0	2	4	6
13-1041	Compliance Officers	BD+	140	150	7.1%	1	5	6	12
13-1051	Cost Estimators	BD+	120	110	-8.3%	0	4	6	10
13-1071	Human Resources Specialists	BD	240	270	12.5%	2	8	13	23
13-1075	Labor Relations Specialists	BD+	70	70	0.0%	0	2	4	6
13-1081	Logisticians	BD	70	70	0.0%	1	2	4	7
13-1082	Project Management Specialists	BD	160	160	0.0%	0	4	7	11
13-1111	Management Analysts	BD+	100	100	0.0%	1	3	5	9
13-1121	Meeting, Convention & Event Planners	BD	20	20	0.0%	0	1	1	2
13-1131	Fundraisers	BD	50	50	0.0%	0	1	2	3
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	40	50	25.0%	0	1	2	3
13-1151	Training & Development Specialists	BD+	90	100	11.1%	1	3	5	9
13-1161	Market Research Analysts & Marketing Specialists	BD	190	200	5.3%	1	6	11	18
13-1199	Business Operations Specialists, Other	BD	150	150	0.0%	0	5	8	13
13-2000	Financial Specialists	N/A	1,080	1,130	4.6%	5	34	47	86
13-2011	Accountants & Auditors	BD	580	600	3.4%	2	18	27	47
13-2020	Property Appraisers & Assessors	BD+	20	20	0.0%	0	1	0	1
13-2041	Credit Analysts	BD	20	10	-50.0%	0	0	1	1
13-2051	Financial Analysts	BD	60	60	0.0%	1	1	2	4
13-2052	Personal Financial Advisors	BD+	100	110	10.0%	1	3	4	8
13-2061	Financial Examiners	BD+	30	30	0.0%	1	1	1	3
13-2072	Loan Officers	BD+	100	100	0.0%	0	3	4	7
13-2081	Tax Examiners, Collectors & Revenue Agents	BD+	10	10	0.0%	0	0	0	0
13-2082	Tax Preparers	MT OJT	60	60	0.0%	0	3	3	6
13-2099	Financial Specialists, Other	BD	20	20	0.0%	0	0	1	1
15-0000	Computer & Mathematical Occupations	N/A	660	720	9.1%	6			
15-1200	Computer Occupations	N/A	640	700	9.4%	6	15	25	46
15-1211	Computer Systems Analysts	BD	60	60	0.0%	0	2	2	-
15-1231	Computer Network Support Specialists	AD+	30	30	0.0%	0	1	1	2
15-1232	Computer User Support Specialists	PS+	200	200	0.0%	0			
15-1241	Computer Network Architects	BD+	10	10	0.0%	0	0	0	0

202		E	Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	·	Level	2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
15-1242	Database Administrators	BD	10	10		0	0		0
15-1244	Network & Computer Systems Administrators	BD	70	70	0.0%	0	1	2	3
15-1251	Computer Programmers	BD	30	30	0.0%	0	1	1	2
15-1252	Software Developers	BD	80	110	37.5%	3	2	4	9
15-1299	Computer Occupations, All Other	BD	80	90	12.5%	1	2	3	6
15-2000	Mathematical Scientists	N/A	20	30	50.0%	0	1	1	2
15-2051	Data Scientists	BD	10	20	100.0%	0	0	1	1
17-0000	Architecture & Engineering Occupations	N/A	850	880	3.5%	2	24	32	58
17-1000	Architects, Surveyors & Cartographers	N/A	40	40	0.0%	0	1	1	2
17-1022	Surveyors	BD+	20	20	0.0%	0	0	0	0
17-2000	Engineers	N/A	590	620	5.1%	2	14	20	36
17-2051	Civil Engineers	BD	60	70	16.7%	0	1	2	3
17-2071	Electrical Engineers	BD	40	40	0.0%	0	1	1	2
17-2081	Environmental Engineers	BD	10	10	0.0%	0	0	0	0
17-2112	Industrial Engineers	BD	120	130	8.3%	1	3	4	8
17-2141	Mechanical Engineers	BD	290	290	0.0%	0	6	9	15
17-2199	Engineers, Other	BD	20	20	0.0%	0	1	1	2
17-3000	Drafters, Engineering & Mapping Technicians	N/A	220	220	0.0%	0	8	11	19
17-3011	Architectural & Civil Drafters	AD	40	50	25.0%	0	2	2	4
17-3013	Mechanical Drafters	AD	50	50	0.0%	0	2	2	4
17-3026	Industrial Engineering Technicians	AD	30	30	0.0%	0	1	2	3
17-3027	Mechanical Engineering Technicians	AD	20	20	0.0%	0	1	1	2
17-3029	Engineering Technicians, Other	AD	40	40	0.0%	0	1	2	3
19-0000	Life, Physical & Social Science Occupations	N/A	370	380	2.7%	1	8	26	35
19-1000	Life Scientists	N/A	20	20	0.0%	0	0	1	1
19-1012	Food Scientists & Technologists	BD	10	10	0.0%	0	0	1	1
19-2000	Physical Scientists	N/A	50	50	0.0%	1	1	3	5
19-2031	Chemists	BD	20	20	0.0%	0	0	1	1
19-3000	Social Scientists & Related Workers	N/A	100	100	0.0%	0	2	4	6
19-3033	Clinical & Counseling Psychologists	DOCT	40	40	0.0%	0	1	1	2
19-3034	School Psychologists	MD+	30	30	0.0%	0	0	1	1
19-3051	Urban & Regional Planners	MD	10	10	0.0%	0	0	1	1
19-4000	Life, Physical & Social Science Technicians	N/A	130	130	0.0%	0	3	13	16

200			Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code		Level	2022	2032	Change	Growth 1/	Exits 2/	Transfers 3/	Demand 4/
19-4013	Food Science Technicians	AD+	40	40	0.0%	0	1	4	5
19-4021	Biological Technicians	BD	10	10	0.0%	0	0	1	1
19-4031	Chemical Technicians	AD+	30	30	0.0%	0	0	2	2
19-4099	Life, Physical & Social Science Technicians, Other	AD	20	20	0.0%	0	1	2	3
19-5000	Occupational Health & Safety Specialists & Technicians	N/A	70	80	14.3%	0	2	6	8
21-0000	Community & Social Services Occupations	N/A	2,350	2,520	7.2%	17	92	113	222
21-1000	Counselors, Social Workers & Community Service Specialists	N/A	1,870	2,050	9.6%	18	71	90	179
21-1012	Educational, Guidance, School & Vocational Counselors	MD	130	130	0.0%	0	4	5	9
21-1013	Marriage & Family Therapists	MD+	90	100	11.1%	1	3	3	7
21-1015	Rehabilitation Counselors	MD	110	110	0.0%	0	3	5	8
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	BD	470	540	14.9%	7	18	23	48
21-1019	Counselors, Other	MD	80	90	12.5%	1	3	4	8
21-1021	Child, Family & School Social Workers	BD	370	390	5.4%	2	12	16	30
21-1022	Healthcare Social Workers	MD+	70	70	0.0%	0	2	3	5
21-1023	Mental Health & Substance Abuse Social Workers	MD+	120	130	8.3%	1	4	4	9
21-1092	Probation Officers & Correctional Treatment Specialists	BD+	90	90	0.0%	0	3	4	7
21-1093	Social & Human Service Assistants	ST OJT	310	350	12.9%	3	15	19	37
21-1094	Community Health Workers	ST OJT	20	30	50.0%	0	1	1	2
21-1099	Community & Social Service Specialists, Other	BD	20	20	0.0%	0	1	1	2
21-2000	Religious Workers	N/A	480	470	-2.1%	-1	21	23	
21-2011	Clergy	BD+	240	240	0.0%	-1	10	10	
23-0000	Legal Occupations	N/A	350	380	8.6%	3	11	12	
23-1000	Lawyers, Judges & Related Workers	N/A	230	250	8.7%	2	6	4	12
23-1011	Lawyers	DOCT	190	210	10.5%	2	5	3	10
23-2000	Legal Support Workers	N/A	130	130	0.0%	1	5	8	
23-2011	Paralegals & Legal Assistants	AD	80	80	0.0%	1	3	5	9
25-0000	Education, Training & Library Occupations	N/A	4,130	4,170	1.0%	4	173	172	349
25-1000	Postsecondary Teachers	N/A	550	580	5.5%	3	25	20	48
25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	60	70	16.7%	1	3	2	6
25-1194	Vocational Education Teachers, Postsecondary	BD+	60	60	0.0%	0	3	2	_
25-2000	Primary, Secondary & Special Education School Teachers	N/A	2,460	2,450	-0.4%	0	81	88	
25-2011	Preschool Teachers	AD	250	260	4.0%	1	12	15	28
25-2012	Kindergarten Teachers	BD	40	40	0.0%	0	2	2	4

200			Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	<u>.</u>	Level	2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
25-2021	Elementary School Teachers	BD	640	640	0.0%	0	21	21	42
25-2022	Middle School Teachers	BD	290	290	0.0%	0	10	10	
25-2031	Secondary School Teachers	BD	950	950	0.0%	0	28	31	59
25-2032	Career/Technical Education Teachers, Secondary School	BD+	60	60	0.0%	0	2	2	4
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	80	80	0.0%	0	3	3	6
25-2057	Special Education Teachers, Middle School	BD	20	10	-50.0%	0	0	0	0
25-2058	Special Education Teachers, Secondary School	BD	120	120	0.0%	0	4	4	8
25-3000	Other Teachers & Instructors	N/A	300	320	6.7%	1	20	18	39
25-3021	Self-Enrichment Education Teachers	WK EXP	110	110	0.0%	0	7	6	13
25-3031	Substitute Teachers, Short-Term	BD	130	140	7.7%	1	8	8	17
25-3041	Tutors	PS	30	30	0.0%	0	3	3	6
25-4000	Librarians, Curators & Archivists	N/A	80	90	12.5%	0	5	4	9
25-4022	Librarians & Media Collections Specialists	MD	70	70	0.0%	0	4	3	7
25-4031	Library Technicians	PS	10	10	0.0%	0	1	1	2
25-9000	Other Education, Training & Library Occupations	N/A	740	730	-1.4%	0	41	42	83
25-9031	Instructional Coordinators	MD+	40	40	0.0%	0	2	2	4
25-9045	Teaching Assistants, Non-Postsecondary	PS	660	660	0.0%	-1	38	39	76
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	N/A	750	750	0.0%	0	36	44	80
27-1000	Art & Design Workers	N/A	280	270	-3.6%	-1	12	15	26
27-1023	Floral Designers	MT OJT	50	40	-20.0%	-1	3	2	4
27-1024	Graphic Designers	BD	90	90	0.0%	0	2	4	6
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	90	90	0.0%	0	4	6	10
27-2000	Entertainers & Performers, Sports & Related Workers	N/A	270	280	3.7%	1	17	18	36
27-2022	Coaches & Scouts	BD	140	150	7.1%	1	8	10	19
27-3031	Public Relations Specialists	BD	30	30	0.0%	0	1	2	3
27-3042	Technical Writers	BD+	10	10	0.0%	0	0	1	1
27-3092	Court Reporters & Simultaneous Captioners	PS	20	20	0.0%	0	1	1	2
29-0000	Healthcare Practitioners & Technical Occupations	N/A	4,560	4,790	5.0%	23	146	116	
29-1000	Health Diagnosing & Treating Practitioners	N/A	2,790	2,950	5.7%	16	83	51	150
29-1011	Chiropractors	DOCT	50	50	0.0%	0	2	0	2
29-1021	Dentists, General	DOCT	50	50	0.0%	0	1	0	1
29-1031	Dietitians & Nutritionists	BD+	40	40	0.0%	0	1	1	2
29-1051	Pharmacists	DOCT	180	170	-5.6%	-1	4	2	5

COC		Б.	Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	·	Level	2022	2032		Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
29-1071	Physician Assistants	MD	90	110	22.2%	3	2	3	8
29-1081	Podiatrists	DOCT	10	10	0.0%	0	0	0	0
29-1122	Occupational Therapists	MD	80	90	12.5%	1	2	2	5
29-1123	Physical Therapists	DOCT	150	170	13.3%	2	4	2	8
29-1126	Respiratory Therapists	AD	50	60	20.0%	0	2	1	3
29-1127	Speech-Language Pathologists	MD+	80	90	12.5%	1	2	2	5
29-1131	Veterinarians	DOCT	50	60	20.0%	1	1	0	
29-1141	Registered Nurses	BD	1,320	1,340	1.5%	2	44	27	73
29-1171	Nurse Practitioners	MD	100	140	40.0%	5	3	3	11
29-1215	Family Medicine Physicians	DOCT	130	140	7.7%	1	3	1	5
29-1223	Psychiatrists	DOCT	10	10	0.0%	0	0	0	0
29-1229	Physicians, All Other	DOCT	140	140	0.0%	0	3	1	4
29-1292	Dental Hygienists	AD	110	110	0.0%	0	5	2	7
29-2000	Health Technologists & Technicians	N/A	1,730	1,800	4.0%	6	62	64	132
29-2010	Clinical Laboratory Technologists & Technicians	BD	100	100	0.0%	0	3	3	6
29-2032	Diagnostic Medical Sonographers	AD	40	50	25.0%	0	1	1	2
29-2034	Radiologic Technologists	AD	120	110	-8.3%	0	4	2	6
29-2035	Magnetic Resonance Imaging Technologists	AD+	30	30	0.0%	0	1	1	2
29-2042	Emergency Medical Technicians	PS	160	190	18.8%	2	4	8	14
29-2043	Paramedics	PS+	90	100	11.1%	1	2	2	5
29-2052	Pharmacy Technicians	MT OJT	260	260	0.0%	0	10	13	23
29-2055	Surgical Technologists	PS	30	30	0.0%	0	1	1	2
29-2056	Veterinary Technologists & Technicians	AD	80	80	0.0%	1	3	4	8
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	510	520	2.0%	0	21	18	39
29-2072	Medical Records Specialists	PS	100	110	10.0%	1	4	3	8
29-2081	Opticians, Dispensing	LT OJT	40	40	0.0%	0	2	2	4
29-2099	Health Technologists & Technicians, Other	PS	100	110	10.0%	0	4	3	7
29-9000	Other Healthcare Practitioners & Technical Occupations	N/A	40	40	0.0%	1	1	1	3
29-9021	Health Information Technologists & Medical Registrars	AD	10	20	100.0%	0	0	0	0
29-9091	Athletic Trainers	MD	20	20	0.0%	0	1	0	1
31-0000	Healthcare Support Occupations	N/A	4,550	5,080	11.6%	54	342	351	747
31-1100	Nursing, Psychiatric, & Home Health Aides	N/A	3,640	4,070	11.8%	42	293	268	603
31-1120	Home Health & Personal Care Aides	ST OJT	2,740	3,180	16.1%	44	237	197	478

300		ъ.	Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	·	Level	2022	2032	Change	Growth 1/	Exits 2/	Transfers 3/	Demand 4/
31-1131	Nursing Assistants	PS	870	850	-2.3%	-1	54	67	120
31-2000	Occupational & Physical Therapist Assistants & Aides	N/A	160	190	18.8%	3	8	15	26
31-2011	Occupational Therapy Assistants	AD	40	50	25.0%	1	2	4	7
31-2021	Physical Therapist Assistants	AD	90	120	33.3%	3	5	9	17
31-9000	Other Healthcare Support Occupations	N/A	750	820	9.3%	8	40	68	116
31-9091	Dental Assistants	PS	130	130	0.0%	0	7	11	18
31-9092	Medical Assistants	PS	410	490	19.5%	8	21	36	65
31-9093	Medical Equipment Preparers	MT OJT	20	20	0.0%	0	1	2	3
31-9094	Medical Transcriptionists	PS	10	10	0.0%	0	1	1	2
31-9097	Phlebotomists	PS	50	50	0.0%	0	2	4	6
31-9099	Healthcare Support Workers, Other	ST OJT	10	10	0.0%	0	1	1	2
33-0000	Protective Service Occupations	N/A	1,250	1,240	-0.8%	-1	64	72	135
33-1000	Supervisors - Protective Service Workers	N/A	120	120	0.0%	0	4	5	9
33-1011	Supervisors - Correctional Officers	WK EXP	30	30	0.0%	0	1	2	3
33-1012	Supervisors - Police & Detectives	WK EXP	50	50	0.0%	0	1	2	3
33-1021	Supervisors - Fire Fighting & Prevention	PS+	20	20	0.0%	0	0	1	1
33-2000	Fire Fighting & Prevention Workers	N/A	70	70	0.0%	0	2	4	6
33-3000	Law Enforcement Workers	N/A	730	720	-1.4%	-1	23		
33-3012	Correctional Officers & Jailers	MT OJT	390	370	-5.1%	-2	13	20	31
33-3021	Detectives & Criminal Investigators	WK EXP	10	10	0.0%	0	0	0	~
33-3051	Police & Sheriff's Patrol Officers	MT OJT	310	330	6.5%	2	_		
33-9000	Other Protective Service Workers	N/A	330	320	-3.0%	0	35	28	
33-9032	Security Guards	ST OJT	160	150	-6.2%	-1	9	12	
33-9091	Crossing Guards	ST OJT	50	60	20.0%	1	10	3	
33-9099	Protective Service Workers, Other	ST OJT	50	50	0.0%	0			
35-0000	Food Preparation & Serving Related Occupations	N/A	6,250	6,370	1.9%	12		662	1,212
35-1000	Supervisors - Food Preparation & Serving Workers	N/A	920	960	4.3%	4	47	89	140
35-1011	Chefs & Head Cooks	WK EXP	70	70	0.0%	0	3	6	-
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	860	890	3.5%	4	44	84	132
35-2000	Cooks & Food Preparation Workers	N/A	1,270	1,360	7.1%	9	95	109	213
35-2011	Cooks, Fast Food	ST OJT	120	110	-8.3%	-2	8	9	
35-2012	Cooks, Institution & Cafeteria	ST OJT	170	160	-5.9%	0	11	13	24
35-2013	Cooks, Private Household	PS+	20	20	0.0%	0	2	2	4

202			Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code	•	Level	2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
35-2014	Cooks, Restaurant	MT OJT	660	790	19.7%	13	49	59	121
35-2015	Cooks, Short Order	ST OJT	50	50	0.0%	0	3	4	7
35-2021	Food Preparation Workers	ST OJT	250	240	-4.0%	-2	22	22	42
35-3000	Food & Beverage Serving Workers	N/A	3,510	3,500	-0.3%	-1	339	410	748
35-3011	Bartenders	ST OJT	310		-3.2%	-1	17	36	52
35-3023	Fast Food & Counter Workers	ST OJT	1,930	1,970	2.1%	4	215	230	449
35-3031	Waiters & Waitresses	ST OJT	1,110	1,070	-3.6%	-4	94	132	222
35-3041	Food Servers, Nonrestaurant	ST OJT	160	160	0.0%	0	13	13	26
35-9000	Other Food Preparation & Serving Related Workers	N/A	550	550	0.0%	0	58	53	111
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	160	170	6.2%	1	16	15	32
35-9021	Dishwashers	ST OJT	210	200	-4.8%	-1	18	17	34
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	180	180	0.0%	0	25	21	46
37-0000	Building & Grounds Cleaning & Maintenance Occupations	N/A	3,010	3,040	1.0%	2	196	213	411
37-1000	Supervisors - Building & Grounds Cleaning & Maintenance Workers	N/A	200	210	5.0%	0	10	13	23
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	120	120	0.0%	0	6	7	13
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	90	90	0.0%	0	3	5	8
37-2000	Building Cleaning & Pest Control Workers	N/A	2,240	2,260	0.9%	2	159	155	316
37-2011	Janitors & Cleaners	ST OJT	1,570	1,590	1.3%	2	110	110	222
37-2012	Maids & Housekeeping Cleaners	ST OJT	640	640	0.0%	0	48	43	91
37-3000	Grounds Maintenance Workers	N/A	580	570	-1.7%	0	28	45	73
37-3011	Landscaping & Groundskeeping Workers	ST OJT	540	540	0.0%	0	27	42	69
39-0000	Personal Care & Service Occupations	N/A	2,750	2,870	4.4%	12	186	272	470
39-1000	Supervisors - Personal Care & Service Workers	N/A	260	270	3.8%	1	11	17	29
39-1014	Supervisors - Entertainment & Recreation Workers	WK EXP	90	100	11.1%	0	4	6	10
39-1022	Supervisors - Personal Service Workers	WK EXP	160	170	6.2%	1	7	11	19
39-2000	Animal Care & Service Workers	N/A	180	200	11.1%	2	12	21	35
39-3000	Entertainment Attendants & Related Workers	N/A	240	240	0.0%	0	27	39	66
39-3091	Amusement & Recreation Attendants	ST OJT	220	220	0.0%	0	24	36	60
39-4000	Funeral Service Workers	N/A	70	70	0.0%	0	3	6	9
39-4021	Funeral Attendants	ST OJT	40	40	0.0%	0	2	3	5
39-5000	Personal Appearance Workers	N/A	770	850	10.4%	8	47	60	115
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	670	740	10.4%	7	42	53	102
39-5092	Manicurists & Pedicurists	PS	40	50	25.0%	0	2	3	5

808			Emplo	yment Out	look		Annual Demand				
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total		
Code		Level	2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/		
39-9000	Other Personal Care & Service Workers	N/A	1,210	1,220	0.8%	1	84	125	210		
39-9011	Childcare Workers	ST OJT	800	800	0.0%	0	58	74	132		
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	130	140	7.7%	1	8	17	26		
39-9041	Residential Advisors	ST OJT	130	130	0.0%	0	7	15	22		
41-0000	Sales & Related Occupations	N/A	7,210	7,000	-2.9%	-21	439	530	948		
41-1000	Supervisors - Sales Workers	N/A	1,110	1,040	-6.3%	-7	41	62	96		
41-1011	Supervisors - Retail Sales Workers	WK EXP	1,030	960	-6.8%	-7	39	59	91		
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	80	80	0.0%	0	3	4	7		
41-2000	Retail Sales Workers	N/A	4,450	4,310	-3.1%	-14	341	376	703		
41-2011	Cashiers	ST OJT	1,960	1,850	-5.6%	-10	183	184	357		
41-2021	Counter & Rental Clerks	ST OJT	120	120	0.0%	0	7	7	14		
41-2022	Parts Salespersons	MT OJT	190	190	0.0%	0	9	13	22		
41-2031	Retail Salespersons	ST OJT	2,190	2,150	-1.8%	-4	142	172	310		
41-3000	Sales Representatives, Services	N/A	700	720	2.9%	2	22	38	62		
41-3021	Insurance Sales Agents	MT OJT	200	200	0.0%	1	8	8	17		
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	210	220	4.8%	1	6	10	17		
41-3091	Sales Representatives - Services	MT OJT	250	260	4.0%	1	6	17	24		
41-4000	Sales Representatives, Wholesale & Manufacturing	N/A	750	730	-2.7%	-2	25	41	64		
41-4011	Sales Representatives, Technical & Scientific Products	BD+	60	50	-16.7%	0	2	3	5		
41-4012	Sales Representatives	MT OJT	700	680	-2.9%	-1	23	38	60		
41-9000	Other Sales & Related Workers	N/A	200	200	0.0%	0	10	12	22		
41-9022	Real Estate Sales Agents	MT OJT	50	50	0.0%	0	2	2	4		
41-9031	Sales Engineers	BD+	20	20	0.0%	0	1	1	2		
43-0000	Office & Administrative Support Occupations	N/A	9,290	8,730	-6.0%	-56	487	527	958		
43-1000	Supervisors - Office & Administrative Support Workers	N/A	820	790	-3.7%	-4	34	43	73		
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	820	790	-3.7%	-4	34	43	73		
43-2000	Communications Equipment Operators	N/A	20	20	0.0%	-1	1	1	1		
43-3000	Financial Clerks	N/A	1,450	1,360	-6.2%	-8	81	74	147		
43-3011	Bill & Account Collectors	MT OJT	60	50	-16.7%	0	3	3	6		
43-3021	Billing & Posting Clerks	MT OJT	200	210	5.0%	1	10	11	22		
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	870	830	-4.6%	-4	55	44	95		
43-3051	Payroll & Timekeeping Clerks	MT OJT	80	70	-12.5%	-1	4	4	7		
43-3071	Tellers	ST OJT	220	180	-18.2%	-4	9	11	16		

202			Emplo	yment Out	look	Annual Demand					
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total		
Code	•	Level	2022	2032	Change	Growth 1/	Exits 2/	Transfers 3/	Demand 4/		
43-4000	Information & Record Clerks	N/A	2,250	2,170	-3.6%	-8	124	158	274		
43-4031	Court, Municipal & License Clerks	LT OJT	110	110	0.0%	1	6	5	12		
43-4051	Customer Service Representatives	ST OJT	1,090	1,030	-5.5%	-6	59	83	136		
43-4061	Eligibility Interviewers, Government Programs	MT OJT	80	90	12.5%	0	3	4	7		
43-4071	File Clerks	ST OJT	50	40	-20.0%	0	3	3	6		
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	100	100	0.0%	1	6	9	16		
43-4111	Interviewers	ST OJT	70	60	-14.3%	-1	3	4	6		
43-4121	Library Assistants, Clerical	ST OJT	50	40	-20.0%	0	4	3	7		
43-4131	Loan Interviewers & Clerks	ST OJT	110	110	0.0%	0	4	5	9		
43-4151	Order Clerks	PS	110	80	-27.3%	-2	5	6	9		
43-4161	Human Resources Assistants	AD	30	30	0.0%	0	1	2	3		
43-4171	Receptionists & Information Clerks	ST OJT	430	430	0.0%	0	27	30	57		
43-4199	Information & Record Clerks, Other	ST OJT	10	10	0.0%	0	0	0	0		
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	N/A	1,010	960	-5.0%	-5	42	51	88		
43-5021	Couriers & Messengers	ST OJT	40	40	0.0%	0	2	2	4		
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	50	60	20.0%	0	2	3	5		
43-5032	Dispatchers	MT OJT	110	110	0.0%	0	4	6	10		
43-5051	Postal Service Clerks	ST OJT	60	60	0.0%	0	3	2	5		
43-5052	Postal Service Mail Carriers	ST OJT	240	230	-4.2%	-1	10	8	17		
43-5061	Production, Planning & Expediting Clerks	MT OJT	110	100	-9.1%	0	4	6	10		
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	360	330	-8.3%	-3	14	20	31		
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	20	20	0.0%	0	1	1	2		
43-6000	Secretaries & Administrative Assistants	N/A	1,720	1,590	-7.6%	-14	93	87	166		
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	100	80	-20.0%	-2	4	5	7		
43-6012	Legal Secretaries	MT OJT	50	40	-20.0%	-1	3	3	5		
43-6013	Medical Secretaries	MT OJT	390	420	7.7%	4	22	21	47		
43-6014	Secretaries	ST OJT	1,190	1,040	-12.6%	-14	65	59	110		
43-9000	Other Office & Administrative Support Workers	N/A	2,010	1,850	-8.0%	-16	114	113	211		
43-9021	Data Entry Keyers	ST OJT	50			-1	2	3	4		
43-9022	Word Processors & Typists	ST OJT	110	70	-36.4%	-4	7	5	8		
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	120	120	0.0%	0	5	6	11		
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	30	30	0.0%	0	2	2	4		
43-9061	Office Clerks, General	ST OJT	1,620	1,510	-6.8%	-11	95	92	176		

300			Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code		Level	2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
43-9199	Office & Administrative Support Workers, Other	ST OJT	70	70		0	3	4	7
45-0000	Farming, Fishing & Forestry Occupations	N/A	920	920	0.0%	-1	52	83	134
45-2000	Agricultural Workers	N/A	850	850	0.0%	-1	48	77	124
45-2021	Animal Breeders	ST OJT	10	10	0.0%	0	0	1	1
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	550	550	0.0%	1	31	50	82
47-0000	Construction & Extraction Occupations	N/A	3,430	3,480	1.5%	5	120	173	298
47-1000	Supervisors - Construction & Extraction Workers	N/A	410	420	2.4%	0	14	19	33
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	410	420	2.4%	0	14	19	33
47-2000	Construction Trades Workers	N/A	2,530	2,560	1.2%	3	85	128	216
47-2021	Brickmasons & Blockmasons	LT OJT	70	70	0.0%	0	2	3	5
47-2031	Carpenters	LT OJT	450	430	-4.4%	-2	15	20	33
47-2051	Cement Masons & Concrete Finishers	MT OJT	70	70	0.0%	0	2	4	6
47-2061	Construction Laborers	ST OJT	760	780	2.6%	2	26	39	67
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	370	390	5.4%	1	13	19	33
47-2111	Electricians	LT OJT	440	450	2.3%	2	15	24	41
47-2141	Painters, Construction & Maintenance	MT OJT	50	40	-20.0%	0	2	2	4
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	140	140	0.0%	0	4	7	11
47-2181	Roofers	MT OJT	70	80	14.3%	0	2	4	6
47-2221	Structural Iron & Steel Workers	LT OJT	30	30	0.0%	0	1	2	3
47-3000	Helpers, Construction Trades	N/A	60	60	0.0%	0	2	4	6
47-4000	Other Construction & Related Workers	N/A	310	330	6.5%	2	14	15	31
47-4011	Construction & Building Inspectors	WK EXP	30	30	0.0%	0	2	1	3
47-4051	Highway Maintenance Workers	MT OJT	200	220	10.0%	2	9	9	20
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	20	20	0.0%	0	1	1	2
47-5000	Extraction Workers	N/A	120	110	-8.3%	0	5	6	11
47-5022	Excavating/Loading/Dragline Machine Oprs, Surface Mining	WK EXP	70	70	0.0%	0	3	4	7
49-0000	Installation, Maintenance & Repair Occupations	N/A	3,280	3,350	2.1%	8	126	156	290
49-1000	Supervisors - Installation, Maintenance & Repair Workers	N/A	330	330	0.0%	0	13	14	27
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	330	330	0.0%	0	13	14	27
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	N/A	150	140	-6.7%	0	5	8	13
49-2022	Telecommunications Equipment Installers & Repairers	PS+	30	30	0.0%	0	1	2	3
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	30	30	0.0%	0	1	2	3

808			Emplo	yment Out	look		Annu	al Demand	
SOC	Occupational Title	Educ.	Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code		Level	2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS+	40	40		0		2	3
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	N/A	1,030	1,040	1.0%	1	38	51	90
49-3021	Automotive Body & Related Repairers	LT OJT	90	90	0.0%	0	4	4	8
49-3023	Automotive Service Technicians & Mechanics	PS	470	470	0.0%	-1	16	23	38
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	220	230	4.5%	0	8	10	18
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	40	50	25.0%	1	1	2	4
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	80	80	0.0%	0	3	4	7
49-3093	Tire Repairers & Changers	ST OJT	30	30	0.0%	0	1	2	3
49-9000	Other Installation, Maintenance & Repair Occupations	N/A	1,770	1,840	4.0%	7	71	83	161
49-9012	Control & Valve Installers & Repairers	MT OJT	40	40	0.0%	0	1	2	3
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	170	170	0.0%	0	5	9	14
49-9031	Home Appliance Repairers	MT OJT	20	20	0.0%	0	1	1	2
49-9041	Industrial Machinery Mechanics	LT OJT	430	480	11.6%	4	16	19	39
49-9044	Millwrights	LT OJT	30	30	0.0%	0	1	1	2
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	70	80	14.3%	0	2	4	6
49-9052	Telecommunications Line Installers & Repairers	LT OJT	50	50	0.0%	0	2	3	5
49-9062	Medical Equipment Repairers	AD+	20	20	0.0%	0	1	1	2
49-9071	Maintenance & Repair Workers, General	MT OJT	850	860	1.2%	2	38	39	79
49-9098	HelpersInstallation, Maintenance & Repair Workers	ST OJT	10	10	0.0%	0	1	0	1
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	20	20	0.0%	0	1	1	2
51-0000	Production Occupations	N/A	7,270	6,930	-4.7%	-33	296	446	709
51-1000	Supervisors - Production Workers	N/A	590	580	-1.7%	-1	21	33	
51-1011	Supervisors - Production & Operating Workers	WK EXP	590	580	-1.7%	-1	21	33	53
51-2000	Assemblers & Fabricators	N/A	1,250	1,150	-8.0%	-11	51	75	115
51-2028	Electrical, Electronic, & Electromechanical Assemblers	MT OJT	120	120	0.0%	0	6	7	13
51-2041	Structural Metal Fabricators & Fitters	MT OJT	80	70	-12.5%	-1	3	5	7
51-2090	Misc. Assemblers & Fabricators	MT OJT	1,030	940	-8.7%	-10	42	62	
51-3000	Food Processing Workers	N/A	450	450	0.0%	0	29	35	
51-3011	Bakers	MT OJT	180	180	0.0%	0	13	14	27
51-3021	Butchers & Meat Cutters	LT OJT	40	40	0.0%	0	2	3	
51-3092	Food Batchmakers	MT OJT	200	190	-5.0%	0	12	16	28
51-4000	Metal Workers & Plastic Workers	N/A	2,460	2,350	-4.5%	-11	88	147	224
51-4021	Extruding & Drawing Machine Operators	MT OJT	90	90	0.0%	0	4	6	10

SOC Code	Occupational Title	Educ. Level	Employment Outlook			Annual Demand			
			Estimated	Projected	Percent	Due to	Due to	Due to	Total
			2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
51-4022	Forging Machine Operators	MT OJT	20	10		0		1	2
51-4023	Rolling Machine Operators	MT OJT	140	120	-14.3%	-2	5	8	11
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	240	210	-12.5%	-2	8	14	20
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	MT OJT	140	130	-7.1%	-1	5	9	13
51-4034	Lathe & Turning Machine Tool Operators	MT OJT	30	30	0.0%	0	2	2	4
51-4041	Machinists	LT OJT	340	320	-5.9%	-1	13	19	31
51-4051	Metal-Refining Furnace Operators	MT OJT	80	70	-12.5%	-1	2	5	6
51-4072	Molding, Coremaking & Casting Machine Operators	MT OJT	130	130	0.0%	0	4	7	11
51-4081	Multiple Machine Tool Operators	MT OJT	360	350	-2.8%	-1	14	20	33
51-4111	Tool & Die Makers	PS+	60	60	0.0%	0	3	3	6
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	640	640	0.0%	0	19	42	61
51-4191	Heat Treating Equipment Operators	MT OJT	50	50	0.0%	0	2	3	5
51-4193	Plating & Coating Machine Operators	MT OJT	70	60	-14.3%	-1	2	4	5
51-5100	Printing Workers	N/A	150	150	0.0%	0	7	9	16
51-5112	Printing Press Operators	MT OJT	130	130	0.0%	0	6	8	14
51-6000	Textile, Apparel & Furnishings Workers	N/A	140	130	-7.1%	-1	10	7	16
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	60	60	0.0%	0	5	4	9
51-6031	Sewing Machine Operators	ST OJT	50	40	-20.0%	-1	3	2	4
51-7000	Woodworkers	N/A	160	140	-12.5%	-1	6		14
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	50	40	-20.0%	-1	2	3	4
51-7041	Sawing Machine Operators, Wood	MT OJT	50	50	0.0%	0	2	3	5
51-7042	Woodworking Machine Operators	MT OJT	40	40	0.0%	0	1	2	_
51-8000	Plant & System Operators	N/A	230	210	-8.7%	-2	8	12	
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	150	140	-6.7%	-1	6	8	13
51-9000	Other Production Occupations	N/A	1,830	1,780	-2.7%	-6	76	118	188
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	MT OJT	40	40	0.0%	0	1	2	3
51-9021	Crushing, Grinding & Polishing Machine Operators	MT OJT	30	30	0.0%	0	1	2	3
51-9023	Mixing & Blending Machine Operators	MT OJT	60	60	0.0%	0	2	4	6
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	MT OJT	10	10	0.0%	0		1	2
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	320	300	-6.2%	-2			
51-9111	Packaging & Filling Machine Operators	MT OJT	400	410	2.5%	1	19	24	
51-9124	Coating, Painting & Spraying Machine Setters/Oprs/Tenders	MT OJT	210	210	0.0%	0	6	12	
51-9161	CNC Tool Operators	MT OJT	290	260	-10.3%	-3	9	16	22

SOC Code	Occupational Title	Educ. Level	Employment Outlook			Annual Demand			
			Estimated	Projected	Percent	Due to	Due to	Due to	Total
Code			2022	2032	Change	Growth ^{1/}	Exits 2/	Transfers 3/	Demand 4/
51-9162	CNC Tool Programmers	PS+	20	30	50.0%	0	1	2	3
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	MT OJT	30	30	0.0%	0	1	2	3
51-9198	HelpersProduction Workers	ST OJT	120	110	-8.3%	-1	8	10	17
51-9199	Production Workers, Other	MT OJT	40	40	0.0%	0	2	3	
53-0000	Transportation & Material Moving Occupations	N/A	6,600	6,790	2.9%	20	356	475	
53-1000	Supervisors - Transportation & Material Moving Workers	N/A	260	270	3.8%	0	9	17	26
53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	260	270	3.8%	0	9	17	26
53-3000	Motor Vehicle Operators	N/A	2,850	2,960	3.9%	11	164	164	339
53-3031	Driver/Sales Workers	ST OJT	230	230	0.0%	1	10	13	
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	1,530	1,580	3.3%	6	70	91	167
53-3033	Light Truck or Delivery Services Drivers	ST OJT	460	460	0.0%	0	21	27	48
53-3051	Bus Drivers, School	ST OJT	370	410	10.8%	3	41	18	
53-3053	Shuttle Drivers & Chauffeurs	ST OJT	130	130	0.0%	0	11	6	17
53-4000	Rail Transportation Workers	N/A	80	80	0.0%	0	2	4	6
53-4011	Locomotive Engineers	WK EXP	30	30	0.0%	0	1	1	2
53-4022	Railroad Brake/Signal/Switch Oprs & Locomotive Firers	MT OJT	10	10	0.0%	0	0	0	0
53-4031	Railroad Conductors & Yardmasters	MT OJT	50	50	0.0%	0	1	3	4
53-6031	Automotive & Watercraft Service Attendants	ST OJT	50	50	0.0%	0	3	5	8
53-7000	Material Moving Workers	N/A	3,310	3,400	2.7%	8	176	282	466
53-7021	Crane & Tower Operators	WK EXP	120	110	-8.3%	-1	4	7	10
53-7051	Industrial Truck & Tractor Operators	ST OJT	270	270	0.0%	0	9	17	26
53-7061	Cleaners of Vehicles & Equipment	ST OJT	210	210	0.0%	0	11	16	
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	1,340	1,360	1.5%	2	64	110	176
53-7063	Machine Feeders & Offbearers	ST OJT	100	90	-10.0%	0	7	7	14
53-7064	Packers & Packagers, Hand	ST OJT	170	180	5.9%	1	11	15	27
53-7065	Stockers & Order Fillers	ST OJT	1,060	1,120	5.7%	6	68	107	181
53-7081	Refuse & Recyclable Material Collectors	ST OJT	40	40	0.0%	0	2	3	5

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.