

**Chester County WDA
Occupational Employment
2022-2032 Long-Term Projections**

SOC Code	Occupational Title	Educ. Level	Employment Outlook			Annual Demand			
			Estimated 2022	Projected 2032	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
00-0000	Total, All Occupations	N/A	266,630	280,050	5.0%	1,342	12,908	16,372	30,622
11-0000	Management Occupations	N/A	21,240	22,610	6.5%	137	674	1,010	1,821
11-1000	Top Executives	N/A	7,650	8,170	6.8%	52	200	414	666
11-1021	General & Operations Managers	BD+	7,090	7,580	6.9%	49	183	394	626
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	N/A	1,470	1,610	9.5%	14	37	78	129
11-2011	Advertising & Promotions Managers	BD+	30	30	0.0%	0	1	2	3
11-2021	Marketing Managers	BD+	710	780	9.9%	8	18	40	66
11-2022	Sales Managers	BD+	580	620	6.9%	4	15	29	48
11-2032	Public Relations Managers	BD+	100	100	0.0%	0	2	4	6
11-2033	Fundraising Managers	BD+	60	70	16.7%	1	2	3	6
11-3000	Operations Specialties Managers	N/A	4,420	4,800	8.6%	38	113	201	352
11-3012	Administrative Services Managers	BD+	380	420	10.5%	3	14	16	33
11-3013	Facilities Managers	BD+	140	150	7.1%	1	5	6	12
11-3021	Computer & Information Systems Managers	BD+	1,780	2,010	12.9%	22	37	84	143
11-3031	Financial Managers	BD+	970	1,020	5.2%	6	26	41	73
11-3051	Industrial Production Managers	BD+	280	280	0.0%	0	7	12	19
11-3061	Purchasing Managers	BD+	130	130	0.0%	1	4	6	11
11-3071	Transportation, Storage & Distribution Managers	WK EXP	210	220	4.8%	1	6	11	18
11-3111	Compensation & Benefits Managers	BD+	40	50	25.0%	0	1	2	3
11-3121	Human Resources Managers	BD+	400	430	7.5%	3	12	19	34
11-3131	Training & Development Managers	BD+	90	100	11.1%	0	2	5	7
11-9000	Other Management Occupations	N/A	7,700	8,030	4.3%	33	324	317	674
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	2,310	2,360	2.2%	4	163	78	245
11-9021	Construction Managers	BD+	600	620	3.3%	2	15	28	45
11-9031	Education Admin., Preschool & Childcare Center/Program	BD+	310	300	-3.2%	-1	8	12	19
11-9032	Education Administrators, Elementary & Secondary School	MD+	470	460	-2.1%	-1	13	18	30
11-9033	Education Administrators, Postsecondary	MD+	110	110	0.0%	0	3	4	7
11-9039	Education Administrators, Other	BD+	60	70	16.7%	1	2	2	5
11-9041	Architectural & Engineering Managers	BD+	390	420	7.7%	3	8	17	28
11-9051	Food Service Managers	WK EXP	290	300	3.4%	1	11	22	34
11-9111	Medical & Health Services Managers	BD+	690	750	8.7%	6	20	30	56
11-9121	Natural Sciences Managers	BD+	250	290	16.0%	4	6	12	22
11-9141	Property, Real Estate & Community Association Managers	WK EXP	340	360	5.9%	1	15	12	28

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11-9151	Social & Community Service Managers	BD+	240	270	12.5%	3	8	11	22
11-9161	Emergency Management Directors	BD+	20	20	0.0%	0	0	1	1
11-9199	Managers, Other	BD+	1,490	1,590	6.7%	10	47	64	121
13-0000	Business & Financial Operations Occupations	N/A	21,380	22,740	6.4%	137	650	1,028	1,815
13-1000	Business Operations Specialists	N/A	12,840	13,850	7.9%	102	406	668	1,176
13-1020	Buyers & Purchasing Agents	BD+	800	820	2.5%	2	30	43	75
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	570	580	1.8%	1	15	24	40
13-1041	Compliance Officers	BD+	580	610	5.2%	3	21	25	49
13-1051	Cost Estimators	BD+	470	480	2.1%	1	15	23	39
13-1071	Human Resources Specialists	BD	1,810	1,960	8.3%	16	56	98	170
13-1074	Farm Labor Contractors	ST OJT	10	10	0.0%	0	0	0	0
13-1081	Logisticians	BD	300	310	3.3%	2	8	16	26
13-1082	Project Management Specialists	BD	2,180	2,370	8.7%	18	52	105	175
13-1111	Management Analysts	BD+	1,480	1,620	9.5%	14	53	71	138
13-1121	Meeting, Convention & Event Planners	BD	200	220	10.0%	1	9	13	23
13-1131	Fundraisers	BD	180	190	5.6%	1	6	8	15
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	310	350	12.9%	4	10	13	27
13-1151	Training & Development Specialists	BD+	540	580	7.4%	4	17	30	51
13-1161	Market Research Analysts & Marketing Specialists	BD	2,120	2,340	10.4%	22	70	130	222
13-1199	Business Operations Specialists, Other	BD	1,240	1,370	10.5%	12	43	68	123
13-2000	Financial Specialists	N/A	8,540	8,890	4.1%	35	244	361	640
13-2011	Accountants & Auditors	BD	3,160	3,360	6.3%	19	101	148	268
13-2020	Property Appraisers & Assessors	BD+	110	110	0.0%	0	6	4	10
13-2031	Budget Analysts	BD	30	30	0.0%	0	1	1	2
13-2051	Financial Analysts	BD	1,750	1,830	4.6%	8	38	73	119
13-2052	Personal Financial Advisors	BD+	1,880	1,940	3.2%	6	52	66	124
13-2053	Insurance Underwriters	BD+	200	200	0.0%	0	6	8	14
13-2061	Financial Examiners	BD+	90	90	0.0%	0	3	3	6
13-2071	Credit Counselors	BD+	50	50	0.0%	0	1	2	3
13-2072	Loan Officers	BD+	520	510	-1.9%	0	14	21	35
13-2081	Tax Examiners, Collectors & Revenue Agents	BD+	30	30	0.0%	0	1	1	2
13-2099	Financial Specialists, Other	BD	170	170	0.0%	1	4	7	12
15-0000	Computer & Mathematical Occupations	N/A	13,880	15,850	14.2%	196	320	544	1,060

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15-1200	Computer Occupations	N/A	13,170	15,060	14.4%	188	303	519	1,010
15-1211	Computer Systems Analysts	BD	1,210	1,390	14.9%	18	33	43	94
15-1212	Information Security Analysts	BD+	370	400	8.1%	3	8	14	25
15-1231	Computer Network Support Specialists	AD+	390	440	12.8%	5	10	17	32
15-1232	Computer User Support Specialists	PS+	1,850	2,120	14.6%	27	49	82	158
15-1241	Computer Network Architects	BD+	330	370	12.1%	4	6	12	22
15-1243	Database Architects	BD+	210	240	14.3%	3	6	7	16
15-1244	Network & Computer Systems Administrators	BD	750	850	13.3%	10	16	28	54
15-1251	Computer Programmers	BD	570	680	19.3%	11	15	22	48
15-1252	Software Developers	BD	4,880	5,560	13.9%	68	90	187	345
15-1253	Software Quality Assurance Analysts & Testers	BD	580	690	19.0%	11	16	23	50
15-1254	Web Developers	BD	220	250	13.6%	3	5	10	18
15-1255	Web & Digital Interface Designers	BD	420	450	7.1%	3	12	19	34
15-1299	Computer Occupations, All Other	BD	1,230	1,440	17.1%	20	32	50	102
15-2000	Mathematical Scientists	N/A	710	790	11.3%	8	18	25	51
15-2011	Actuaries	BD+	100	110	10.0%	1	2	3	6
15-2031	Operations Research Analysts	BD	210	240	14.3%	3	6	7	16
15-2041	Statisticians	MD	190	220	15.8%	3	5	7	15
15-2051	Data Scientists	BD	210	220	4.8%	1	5	8	14
17-0000	Architecture & Engineering Occupations	N/A	4,370	4,640	6.2%	27	124	165	316
17-1000	Architects, Surveyors & Cartographers	N/A	360	380	5.6%	1	11	12	24
17-1022	Surveyors	BD+	80	80	0.0%	0	2	3	5
17-2000	Engineers	N/A	2,990	3,210	7.4%	22	71	101	194
17-2031	Biomedical Engineers	BD	60	60	0.0%	0	1	2	3
17-2051	Civil Engineers	BD	470	490	4.3%	2	10	18	30
17-2061	Computer Hardware Engineers	BD	150	190	26.7%	4	3	6	13
17-2071	Electrical Engineers	BD	290	300	3.4%	1	7	9	17
17-2072	Electronics Engineers	BD	50	50	0.0%	0	1	2	3
17-2111	Health & Safety Engineers	BD	120	130	8.3%	1	3	4	8
17-2112	Industrial Engineers	BD	630	680	7.9%	5	16	20	41
17-2141	Mechanical Engineers	BD	820	880	7.3%	5	19	27	51
17-2199	Engineers, Other	BD	180	200	11.1%	2	4	6	12
17-3000	Drafters, Engineering & Mapping Technicians	N/A	1,010	1,050	4.0%	4	41	53	98

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17-3011	Architectural & Civil Drafters	AD	310	320	3.2%	1	13	16	30
17-3013	Mechanical Drafters	AD	110	110	0.0%	0	4	5	9
17-3022	Civil Engineering Technicians	AD	110	110	0.0%	0	4	6	10
17-3023	Electrical & Electronic Engineering Technicians	AD	90	100	11.1%	0	5	4	9
17-3024	Electro-Mechanical Technicians	AD	50	50	0.0%	0	2	2	4
17-3027	Mechanical Engineering Technicians	AD	60	60	0.0%	0	2	3	5
17-3029	Engineering Technicians, Other	AD	90	100	11.1%	0	4	5	9
17-3031	Surveying & Mapping Technicians	MT OJT	40	40	0.0%	0	2	3	5
19-0000	Life, Physical & Social Science Occupations	N/A	3,480	3,870	11.2%	39	72	234	345
19-1000	Life Scientists	N/A	1,090	1,230	12.8%	14	16	56	86
19-1012	Food Scientists & Technologists	BD	20	20	0.0%	0	0	1	1
19-1021	Biochemists & Biophysicists	DOCT	350	400	14.3%	5	6	21	32
19-1022	Microbiologists	BD	150	150	0.0%	0	2	8	10
19-1029	Biological Scientists, Other	BD	20	30	50.0%	0	0	1	1
19-1031	Conservation Scientists	BD	60	70	16.7%	0	1	4	5
19-1042	Medical Scientists	DOCT	450	530	17.8%	8	6	19	33
19-2000	Physical Scientists	N/A	630	730	15.9%	9	10	38	57
19-2031	Chemists	BD	330	370	12.1%	4	5	18	27
19-2032	Materials Scientists	BD	20	20	0.0%	0	0	1	1
19-2041	Environmental Scientists & Specialists	BD	140	170	21.4%	3	2	9	14
19-2042	Geoscientists	BD	50	60	20.0%	1	1	4	6
19-3000	Social Scientists & Related Workers	N/A	550	590	7.3%	4	11	25	40
19-3033	Clinical & Counseling Psychologists	DOCT	160	180	12.5%	2	4	4	10
19-3034	School Psychologists	MD+	180	170	-5.6%	0	3	8	11
19-3039	Psychologists, Other	MD+	30	30	0.0%	0	1	1	2
19-3051	Urban & Regional Planners	MD	70	70	0.0%	0	2	4	6
19-4000	Life, Physical & Social Science Technicians	N/A	1,030	1,130	9.7%	10	29	100	139
19-4013	Food Science Technicians	AD+	60	60	0.0%	0	2	7	9
19-4021	Biological Technicians	BD	350	400	14.3%	5	12	34	51
19-4031	Chemical Technicians	AD+	150	160	6.7%	1	3	14	18
19-4042	Environmental Science & Protection Technicians	AD	90	100	11.1%	1	2	8	11
19-4061	Social Science Research Assistants	BD	70	80	14.3%	1	2	7	10
19-4099	Life, Physical & Social Science Technicians, Other	AD	240	260	8.3%	2	7	23	32

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19-5000	Occupational Health & Safety Specialists & Technicians	N/A	180	190	5.6%	1	5	14	20
21-0000	Community & Social Services Occupations	N/A	4,770	5,190	8.8%	42	190	230	462
21-1000	Counselors, Social Workers & Community Service Specialists	N/A	3,660	4,050	10.7%	38	139	176	353
21-1012	Educational, Guidance, School & Vocational Counselors	MD	380	380	0.0%	0	12	15	27
21-1015	Rehabilitation Counselors	MD	180	190	5.6%	1	6	8	15
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	BD	1,060	1,140	7.5%	9	40	51	100
21-1021	Child, Family & School Social Workers	BD	610	690	13.1%	8	21	28	57
21-1022	Healthcare Social Workers	MD+	160	190	18.8%	2	6	8	16
21-1023	Mental Health & Substance Abuse Social Workers	MD+	290	340	17.2%	5	12	10	27
21-1029	Social Workers, Other	BD	30	30	0.0%	0	1	1	2
21-1091	Health Educators	BD	40	50	25.0%	0	2	3	5
21-1093	Social & Human Service Assistants	ST OJT	570	680	19.3%	11	28	36	75
21-1094	Community Health Workers	ST OJT	80	80	0.0%	1	3	5	9
21-1099	Community & Social Service Specialists, Other	BD	20	20	0.0%	0	1	1	2
21-2000	Religious Workers	N/A	1,110	1,140	2.7%	3	51	55	109
21-2011	Clergy	BD+	560	570	1.8%	2	23	23	48
21-2021	Directors, Religious Activities & Education	BD+	380	390	2.6%	1	16	20	37
21-2099	Religious Workers, Other	BD	180	180	0.0%	0	12	11	23
23-0000	Legal Occupations	N/A	1,980	1,980	0.0%	0	56	60	116
23-1000	Lawyers, Judges & Related Workers	N/A	1,340	1,340	0.0%	0	32	21	53
23-1011	Lawyers	DOCT	1,270	1,270	0.0%	0	30	19	49
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	DOCT	20	20	0.0%	0	0	0	0
23-2000	Legal Support Workers	N/A	640	640	0.0%	0	25	39	64
23-2011	Paralegals & Legal Assistants	AD	460	460	0.0%	0	17	29	46
25-0000	Education, Training & Library Occupations	N/A	13,690	13,470	-1.6%	-22	575	568	1,121
25-1000	Postsecondary Teachers	N/A	1,650	1,700	3.0%	5	74	56	135
25-1011	Business Teachers, Postsecondary	DOCT	170	170	0.0%	0	7	6	13
25-1021	Computer Science Teachers, Postsecondary	DOCT	30	30	0.0%	0	1	1	2
25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	60	70	16.7%	0	3	2	5
25-1199	Postsecondary Teachers, Other	DOCT	60	60	0.0%	0	2	2	4
25-2000	Primary, Secondary & Special Education School Teachers	N/A	8,160	7,920	-2.9%	-24	271	292	539
25-2011	Preschool Teachers	AD	940	920	-2.1%	-2	42	55	95
25-2012	Kindergarten Teachers	BD	200	190	-5.0%	-1	9	11	19

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25-2021	Elementary School Teachers	BD	2,110	2,040	-3.3%	-6	70	68	132
25-2022	Middle School Teachers	BD	990	960	-3.0%	-3	33	32	62
25-2023	Career/Technical Education Teachers, Middle School	BD+	40	40	0.0%	0	1	1	2
25-2031	Secondary School Teachers	BD	2,560	2,480	-3.1%	-8	73	81	146
25-2032	Career/Technical Education Teachers, Secondary School	BD+	110	110	0.0%	0	3	4	7
25-2051	Special Education Teachers, Preschool	BD	40	40	0.0%	0	1	1	2
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	350	330	-5.7%	-1	11	11	21
25-2057	Special Education Teachers, Middle School	BD	180	180	0.0%	-1	6	6	11
25-2058	Special Education Teachers, Secondary School	BD	650	630	-3.1%	-2	22	21	41
25-3000	Other Teachers & Instructors	N/A	1,280	1,300	1.6%	2	85	77	164
25-3021	Self-Enrichment Education Teachers	WK EXP	850	860	1.2%	1	53	48	102
25-3031	Substitute Teachers, Short-Term	BD	170	170	0.0%	0	10	10	20
25-3099	Teachers & Instructors, Other	BD	60	70	16.7%	0	4	4	8
25-4000	Librarians, Curators & Archivists	N/A	220	220	0.0%	0	14	10	24
25-4022	Librarians & Media Collections Specialists	MD	130	130	0.0%	0	7	5	12
25-4031	Library Technicians	PS	30	30	0.0%	0	3	2	5
25-9000	Other Education, Training & Library Occupations	N/A	2,380	2,340	-1.7%	-5	131	133	259
25-9031	Instructional Coordinators	MD+	240	240	0.0%	0	11	9	20
25-9045	Teaching Assistants, Non-Postsecondary	PS	2,000	1,940	-3.0%	-5	112	116	223
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	N/A	4,750	4,960	4.4%	21	195	271	487
27-1000	Art & Design Workers	N/A	1,570	1,640	4.5%	7	62	85	154
27-1011	Art Directors	BD+	220	230	4.5%	1	10	10	21
27-1024	Graphic Designers	BD	540	580	7.4%	4	16	29	49
27-1025	Interior Designers	BD	220	240	9.1%	1	10	11	22
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	260	280	7.7%	2	13	18	33
27-2000	Entertainers & Performers, Sports & Related Workers	N/A	1,380	1,430	3.6%	4	67	87	158
27-2012	Producers & Directors	BD+	480	510	6.2%	2	14	26	42
27-2022	Coaches & Scouts	BD	590	600	1.7%	1	32	41	74
27-3000	Media & Communication Workers	N/A	1,330	1,410	6.0%	8	51	73	132
27-3031	Public Relations Specialists	BD	450	480	6.7%	2	11	25	38
27-3041	Editors	BD+	250	260	4.0%	1	12	14	27
27-3042	Technical Writers	BD+	130	150	15.4%	2	4	7	13
27-3043	Writers & Authors	BD+	330	350	6.1%	2	15	18	35

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27-3091	Interpreters & Translators	BD	40	40	0.0%	0	2	2	4
27-4000	Media & Communication Equipment Workers	N/A	470	490	4.3%	2	15	26	43
27-4011	Audio & Video Equipment Technicians	PS	80	90	12.5%	1	2	5	8
27-4021	Photographers	MT OJT	140	140	0.0%	0	5	7	12
29-0000	Healthcare Practitioners & Technical Occupations	N/A	13,150	14,140	7.5%	99	430	330	859
29-1000	Health Diagnosing & Treating Practitioners	N/A	8,950	9,670	8.0%	72	276	168	516
29-1031	Dietitians & Nutritionists	BD+	90	100	11.1%	1	3	3	7
29-1041	Optometrists	DOCT	80	90	12.5%	1	2	0	3
29-1051	Pharmacists	DOCT	490	500	2.0%	1	11	7	19
29-1071	Physician Assistants	MD	170	180	5.9%	1	4	5	10
29-1122	Occupational Therapists	MD	320	360	12.5%	4	10	8	22
29-1123	Physical Therapists	DOCT	500	580	16.0%	8	12	8	28
29-1125	Recreational Therapists	BD	20	20	0.0%	0	1	0	1
29-1126	Respiratory Therapists	AD	130	140	7.7%	1	4	2	7
29-1127	Speech-Language Pathologists	MD+	230	250	8.7%	2	6	6	14
29-1128	Exercise Physiologists	BD	50	50	0.0%	0	2	1	3
29-1129	Therapists, Other	BD	50	50	0.0%	0	2	1	3
29-1131	Veterinarians	DOCT	170	180	5.9%	1	4	2	7
29-1141	Registered Nurses	BD	4,600	5,040	9.6%	44	160	99	303
29-1171	Nurse Practitioners	MD	260	280	7.7%	2	6	6	14
29-1215	Family Medicine Physicians	DOCT	200	210	5.0%	1	4	1	6
29-1216	General Internal Medicine Physicians	DOCT	50	50	0.0%	0	1	0	1
29-1221	Pediatricians, General	DOCT	40	40	0.0%	0	1	0	1
29-1223	Psychiatrists	DOCT	30	30	0.0%	0	1	0	1
29-1229	Physicians, All Other	DOCT	240	250	4.2%	2	5	2	9
29-1292	Dental Hygienists	AD	420	420	0.0%	0	18	9	27
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	MD	40	40	0.0%	0	2	1	3
29-2000	Health Technologists & Technicians	N/A	4,080	4,330	6.1%	25	149	158	332
29-2010	Clinical Laboratory Technologists & Technicians	BD	350	380	8.6%	3	12	11	26
29-2031	Cardiovascular Technologists & Technicians	AD	60	70	16.7%	1	2	2	5
29-2032	Diagnostic Medical Sonographers	AD	100	110	10.0%	1	3	2	6
29-2033	Nuclear Medicine Technologists	AD	20	30	50.0%	0	1	0	1
29-2034	Radiologic Technologists	AD	300	320	6.7%	2	9	7	18

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			Estimated 2022	Projected 2032	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
29-2035	Magnetic Resonance Imaging Technologists	AD+	50	50	0.0%	0	2	1	3
29-2042	Emergency Medical Technicians	PS	340	350	2.9%	1	9	15	25
29-2051	Dietetic Technicians	AD	10	10	0.0%	0	1	1	2
29-2052	Pharmacy Technicians	MT OJT	700	680	-2.9%	-2	27	35	60
29-2055	Surgical Technologists	PS	90	90	0.0%	1	3	3	7
29-2056	Veterinary Technologists & Technicians	AD	360	390	8.3%	3	13	21	37
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	980	1,070	9.2%	9	41	36	86
29-2072	Medical Records Specialists	PS	270	300	11.1%	3	11	8	22
29-2081	Opticians, Dispensing	LT OJT	90	90	0.0%	1	4	4	9
29-2099	Health Technologists & Technicians, Other	PS	160	170	6.2%	1	6	5	12
29-9000	Other Healthcare Practitioners & Technical Occupations	N/A	130	140	7.7%	1	4	4	9
29-9021	Health Information Technologists & Medical Registrars	AD	50	60	20.0%	0	2	2	4
29-9091	Athletic Trainers	MD	50	50	0.0%	1	2	1	4
29-9099	Healthcare Practitioners & Technical Workers, Other	PS	10	10	0.0%	0	0	0	0
31-0000	Healthcare Support Occupations	N/A	10,250	11,730	14.4%	148	765	818	1,731
31-1100	Nursing, Psychiatric, & Home Health Aides	N/A	7,400	8,680	17.3%	128	609	561	1,298
31-1120	Home Health & Personal Care Aides	ST OJT	5,470	6,540	19.6%	106	480	401	987
31-1131	Nursing Assistants	PS	1,850	2,050	10.8%	20	123	152	295
31-2000	Occupational & Physical Therapist Assistants & Aides	N/A	340	400	17.6%	5	18	32	55
31-2021	Physical Therapist Assistants	AD	210	240	14.3%	3	11	20	34
31-2022	Physical Therapist Aides	ST OJT	70	90	28.6%	1	4	7	12
31-9000	Other Healthcare Support Occupations	N/A	2,500	2,650	6.0%	15	138	224	377
31-9091	Dental Assistants	PS	420	420	0.0%	0	23	34	57
31-9092	Medical Assistants	PS	1,160	1,260	8.6%	9	57	97	163
31-9093	Medical Equipment Preparers	MT OJT	60	60	0.0%	0	4	5	9
31-9095	Pharmacy Aides	ST OJT	50	50	0.0%	0	3	6	9
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	330	350	6.1%	2	21	45	68
31-9097	Phlebotomists	PS	110	110	0.0%	-1	5	8	12
31-9099	Healthcare Support Workers, Other	ST OJT	60	70	16.7%	0	4	5	9
33-0000	Protective Service Occupations	N/A	3,000	3,090	3.0%	9	199	197	405
33-1000	Supervisors - Protective Service Workers	N/A	250	260	4.0%	0	8	11	19
33-1012	Supervisors - Police & Detectives	WK EXP	120	120	0.0%	0	3	4	7
33-1091	Supervisors - Security Workers	WK EXP	70	70	0.0%	0	3	4	7

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33-1099	Supervisors - Protective Service Workers, Other	WK EXP	30	30	0.0%	0	1	2	3
33-2000	Fire Fighting & Prevention Workers	N/A	290	290	0.0%	1	8	14	23
33-3000	Law Enforcement Workers	N/A	960	980	2.1%	2	33	46	81
33-3012	Correctional Officers & Jailers	MT OJT	220	220	0.0%	0	8	11	19
33-3021	Detectives & Criminal Investigators	WK EXP	80	90	12.5%	0	3	4	7
33-3041	Parking Enforcement Workers	ST OJT	30	30	0.0%	0	2	2	4
33-3051	Police & Sheriff's Patrol Officers	MT OJT	600	610	1.7%	1	18	28	47
33-9000	Other Protective Service Workers	N/A	1,500	1,560	4.0%	6	150	126	282
33-9021	Private Detectives & Investigators	WK EXP	70	70	0.0%	0	3	4	7
33-9032	Security Guards	ST OJT	780	800	2.6%	2	46	58	106
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	290	310	6.9%	2	48	40	90
33-9099	Protective Service Workers, Other	ST OJT	70	70	0.0%	0	11	9	20
35-0000	Food Preparation & Serving Related Occupations	N/A	18,990	19,260	1.4%	27	1,667	2,013	3,707
35-1000	Supervisors - Food Preparation & Serving Workers	N/A	1,940	1,970	1.5%	3	95	183	281
35-1011	Chefs & Head Cooks	WK EXP	280	280	0.0%	1	11	22	34
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	1,670	1,690	1.2%	2	84	161	247
35-2000	Cooks & Food Preparation Workers	N/A	3,870	3,930	1.6%	6	283	324	613
35-2012	Cooks, Institution & Cafeteria	ST OJT	670	690	3.0%	2	46	55	103
35-2014	Cooks, Restaurant	MT OJT	1,940	1,950	0.5%	2	133	158	293
35-2015	Cooks, Short Order	ST OJT	140	140	0.0%	0	9	11	20
35-2021	Food Preparation Workers	ST OJT	840	860	2.4%	2	75	75	152
35-3000	Food & Beverage Serving Workers	N/A	11,440	11,580	1.2%	15	1,113	1,344	2,472
35-3011	Bartenders	ST OJT	970	1,000	3.1%	3	53	115	171
35-3023	Fast Food & Counter Workers	ST OJT	6,410	6,450	0.6%	4	710	758	1,472
35-3031	Waiters & Waitresses	ST OJT	3,480	3,510	0.9%	3	300	422	725
35-3041	Food Servers, Nonrestaurant	ST OJT	580	630	8.6%	5	50	49	104
35-9000	Other Food Preparation & Serving Related Workers	N/A	1,740	1,770	1.7%	3	176	162	341
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	500	510	2.0%	1	48	45	94
35-9021	Dishwashers	ST OJT	880	890	1.1%	2	78	74	154
37-0000	Building & Grounds Cleaning & Maintenance Occupations	N/A	9,310	9,500	2.0%	20	570	677	1,267
37-1000	Supervisors - Building & Grounds Cleaning & Maintenance Workers	N/A	710	720	1.4%	2	32	44	78
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	290	300	3.4%	1	15	19	35
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	410	420	2.4%	1	17	26	44

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37-2000	Building Cleaning & Pest Control Workers	N/A	5,130	5,250	2.3%	11	366	359	736
37-2011	Janitors & Cleaners	ST OJT	3,340	3,410	2.1%	7	235	234	476
37-2012	Maids & Housekeeping Cleaners	ST OJT	1,700	1,740	2.4%	4	128	115	247
37-3000	Grounds Maintenance Workers	N/A	3,470	3,530	1.7%	7	171	274	452
37-3011	Landscaping & Groundskeeping Workers	ST OJT	3,290	3,360	2.1%	6	165	258	429
39-0000	Personal Care & Service Occupations	N/A	8,730	9,390	7.6%	66	572	854	1,492
39-1000	Supervisors - Personal Care & Service Workers	N/A	800	870	8.8%	8	35	54	97
39-1014	Supervisors - Entertainment & Recreation Workers	WK EXP	190	210	10.5%	1	8	13	22
39-1022	Supervisors - Personal Service Workers	WK EXP	610	670	9.8%	6	27	41	74
39-2000	Animal Care & Service Workers	N/A	910	1,040	14.3%	13	61	110	184
39-3000	Entertainment Attendants & Related Workers	N/A	340	360	5.9%	2	40	57	99
39-3091	Amusement & Recreation Attendants	ST OJT	240	260	8.3%	2	28	42	72
39-5000	Personal Appearance Workers	N/A	2,800	3,100	10.7%	30	165	220	415
39-5094	Skincare Specialists	PS	100	110	10.0%	1	5	9	15
39-6000	Transportation, Tourism & Lodging Attendants	N/A	100	110	10.0%	1	6	11	18
39-9000	Other Personal Care & Service Workers	N/A	3,640	3,770	3.6%	12	256	387	655
39-9011	Childcare Workers	ST OJT	2,230	2,250	0.9%	2	162	209	373
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	800	840	5.0%	4	50	100	154
39-9032	Recreation Workers	ST OJT	300	320	6.7%	2	22	40	64
41-0000	Sales & Related Occupations	N/A	23,990	24,730	3.1%	74	1,372	1,719	3,165
41-1000	Supervisors - Sales Workers	N/A	2,670	2,710	1.5%	4	102	151	257
41-1011	Supervisors - Retail Sales Workers	WK EXP	2,090	2,100	0.5%	2	82	124	208
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	580	610	5.2%	3	20	28	51
41-2000	Retail Sales Workers	N/A	11,960	12,050	0.8%	9	949	1,039	1,997
41-2011	Cashiers	ST OJT	5,580	5,640	1.1%	5	540	544	1,089
41-2022	Parts Salespersons	MT OJT	410	430	4.9%	1	20	28	49
41-2031	Retail Salespersons	ST OJT	5,640	5,670	0.5%	3	371	448	822
41-3000	Sales Representatives, Services	N/A	4,810	5,200	8.1%	39	150	284	473
41-3011	Advertising Sales Agents	MT OJT	140	150	7.1%	1	5	10	16
41-3021	Insurance Sales Agents	MT OJT	1,020	1,120	9.8%	10	40	44	94
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	1,150	1,190	3.5%	3	32	53	88
41-3041	Travel Agents	MT OJT	130	120	-7.7%	-1	8	8	15
41-3091	Sales Representatives - Services	MT OJT	2,370	2,630	11.0%	26	64	169	259

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41-4000	Sales Representatives, Wholesale & Manufacturing	N/A	3,420	3,590	5.0%	17	117	192	326
41-4011	Sales Representatives, Technical & Scientific Products	BD+	780	880	12.8%	10	28	45	83
41-4012	Sales Representatives	MT OJT	2,640	2,720	3.0%	8	89	146	243
41-9000	Other Sales & Related Workers	N/A	1,130	1,170	3.5%	4	55	53	112
41-9011	Demonstrators & Product Promoters	ST OJT	20	20	0.0%	0	2	2	4
41-9022	Real Estate Sales Agents	MT OJT	730	760	4.1%	3	35	27	65
41-9031	Sales Engineers	BD+	100	100	0.0%	0	3	6	9
41-9099	Sales & Related Workers, Other	ST OJT	130	140	7.7%	0	7	10	17
43-0000	Office & Administrative Support Occupations	N/A	35,190	36,990	5.1%	180	1,968	2,176	4,324
43-1000	Supervisors - Office & Administrative Support Workers	N/A	3,350	3,530	5.4%	17	144	184	345
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	3,350	3,530	5.4%	17	144	184	345
43-2000	Communications Equipment Operators	N/A	80	80	0.0%	0	4	4	8
43-3000	Financial Clerks	N/A	5,760	6,040	4.9%	28	344	310	682
43-3011	Bill & Account Collectors	MT OJT	360	370	2.8%	1	18	21	40
43-3021	Billing & Posting Clerks	MT OJT	750	810	8.0%	6	37	42	85
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	3,690	3,880	5.1%	19	245	193	457
43-3051	Payroll & Timekeeping Clerks	MT OJT	420	440	4.8%	2	21	22	45
43-3071	Tellers	ST OJT	470	470	0.0%	0	21	27	48
43-4000	Information & Record Clerks	N/A	10,360	10,910	5.3%	55	601	786	1,442
43-4031	Court, Municipal & License Clerks	LT OJT	40	40	0.0%	0	2	2	4
43-4041	Credit Authorizers, Checkers & Clerks	MT OJT	20	20	0.0%	0	1	1	2
43-4051	Customer Service Representatives	ST OJT	6,330	6,690	5.7%	36	364	511	911
43-4061	Eligibility Interviewers, Government Programs	MT OJT	110	120	9.1%	1	4	5	10
43-4071	File Clerks	ST OJT	60	60	0.0%	0	4	4	8
43-4111	Interviewers	ST OJT	220	230	4.5%	1	12	15	28
43-4121	Library Assistants, Clerical	ST OJT	180	180	0.0%	0	18	14	32
43-4131	Loan Interviewers & Clerks	ST OJT	290	290	0.0%	0	10	14	24
43-4151	Order Clerks	PS	160	160	0.0%	0	8	10	18
43-4161	Human Resources Assistants	AD	260	290	11.5%	3	12	19	34
43-4171	Receptionists & Information Clerks	ST OJT	1,890	2,000	5.8%	12	123	135	270
43-4199	Information & Record Clerks, Other	ST OJT	60	60	0.0%	0	3	4	7
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	N/A	2,550	2,610	2.4%	6	109	136	251
43-5021	Couriers & Messengers	ST OJT	190	190	0.0%	0	9	11	20

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43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	90	100	11.1%	0	4	5	9
43-5032	Dispatchers	MT OJT	200	200	0.0%	0	8	11	19
43-5061	Production, Planning & Expediting Clerks	MT OJT	310	310	0.0%	1	12	19	32
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	1,000	1,020	2.0%	3	42	60	105
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	70	70	0.0%	0	4	5	9
43-6000	Secretaries & Administrative Assistants	N/A	5,970	6,310	5.7%	34	340	325	699
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	910	990	8.8%	8	43	53	104
43-6012	Legal Secretaries	MT OJT	230	230	0.0%	0	14	13	27
43-6013	Medical Secretaries	MT OJT	1,010	1,090	7.9%	8	56	53	117
43-6014	Secretaries	ST OJT	3,830	4,000	4.4%	18	228	206	452
43-9000	Other Office & Administrative Support Workers	N/A	7,120	7,510	5.5%	38	427	430	895
43-9021	Data Entry Keyers	ST OJT	320	350	9.4%	3	17	22	42
43-9022	Word Processors & Typists	ST OJT	90	90	0.0%	0	7	5	12
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	490	530	8.2%	4	20	25	49
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	150	160	6.7%	1	10	10	21
43-9061	Office Clerks, General	ST OJT	5,800	6,100	5.2%	30	360	350	740
43-9071	Office Machine Operators	ST OJT	50	50	0.0%	0	3	4	7
43-9111	Statistical Assistants	BD	20	20	0.0%	0	0	1	1
43-9199	Office & Administrative Support Workers, Other	ST OJT	190	200	5.3%	1	8	12	21
45-0000	Farming, Fishing & Forestry Occupations	N/A	3,380	3,470	2.7%	8	192	306	506
45-2000	Agricultural Workers	N/A	3,080	3,150	2.3%	7	176	282	465
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	1,270	1,350	6.3%	8	74	119	201
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	1,240	1,210	-2.4%	-4	70	111	177
45-2099	Agricultural Workers, Other	ST OJT	30	30	0.0%	0	2	3	5
45-4022	Logging Equipment Operators	MT OJT	10	10	0.0%	0	0	0	0
47-0000	Construction & Extraction Occupations	N/A	10,950	11,270	2.9%	33	383	552	968
47-1000	Supervisors - Construction & Extraction Workers	N/A	1,230	1,260	2.4%	3	41	56	100
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	1,230	1,260	2.4%	3	41	56	100
47-2000	Construction Trades Workers	N/A	8,520	8,770	2.9%	26	288	427	741
47-2021	Brickmasons & Blockmasons	LT OJT	150	150	0.0%	0	5	7	12
47-2031	Carpenters	LT OJT	2,130	2,240	5.2%	11	76	103	190
47-2051	Cement Masons & Concrete Finishers	MT OJT	370	380	2.7%	0	10	18	28
47-2061	Construction Laborers	ST OJT	2,060	2,120	2.9%	6	72	105	183

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47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	820	840	2.4%	2	28	42	72
47-2111	Electricians	LT OJT	1,030	1,060	2.9%	3	35	56	94
47-2141	Painters, Construction & Maintenance	MT OJT	500	510	2.0%	1	17	22	40
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	580	600	3.4%	2	19	32	53
47-3000	Helpers, Construction Trades	N/A	260	270	3.8%	1	9	20	30
47-3019	Helpers, Construction Trades, Other	ST OJT	20	20	0.0%	0	1	1	2
47-4000	Other Construction & Related Workers	N/A	840	880	4.8%	4	40	42	86
47-4011	Construction & Building Inspectors	WK EXP	230	240	4.3%	1	15	11	27
47-4051	Highway Maintenance Workers	MT OJT	310	320	3.2%	1	14	14	29
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	80	90	12.5%	1	3	5	9
47-5000	Extraction Workers	N/A	100	90	-10.0%	-1	4	6	9
49-0000	Installation, Maintenance & Repair Occupations	N/A	9,460	9,730	2.9%	26	367	466	859
49-1000	Supervisors - Installation, Maintenance & Repair Workers	N/A	840	860	2.4%	3	33	37	73
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	840	860	2.4%	3	33	37	73
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	N/A	760	780	2.6%	1	28	48	77
49-2022	Telecommunications Equipment Installers & Repairers	PS+	250	250	0.0%	0	9	16	25
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	N/A	3,030	3,100	2.3%	7	112	150	269
49-3023	Automotive Service Technicians & Mechanics	PS	1,720	1,740	1.2%	3	60	85	148
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	330	340	3.0%	1	12	16	29
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	120	120	0.0%	1	4	6	11
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	180	190	5.6%	1	6	9	16
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	140	140	0.0%	0	7	7	14
49-9000	Other Installation, Maintenance & Repair Occupations	N/A	4,830	4,990	3.3%	16	196	232	444
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	810	820	1.2%	2	26	42	70
49-9041	Industrial Machinery Mechanics	LT OJT	520	540	3.8%	2	19	22	43
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	200	210	5.0%	0	6	10	16
49-9062	Medical Equipment Repairers	AD+	100	110	10.0%	0	4	5	9
49-9063	Musical Instrument Repairers & Tuners	LT OJT	40	40	0.0%	0	1	2	3
49-9071	Maintenance & Repair Workers, General	MT OJT	2,460	2,570	4.5%	11	111	115	237
49-9094	Locksmiths & Safe Repairers	LT OJT	30	30	0.0%	0	2	1	3
49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	60	60	0.0%	0	4	3	7
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	160	160	0.0%	0	6	9	15

**Chester County WDA
Occupational Employment
2022-2032 Long-Term Projections**

SOC Code	Occupational Title	Educ. Level	Employment Outlook			Annual Demand			
			Estimated 2022	Projected 2032	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
51-0000	Production Occupations	N/A	11,000	11,030	0.3%	3	481	687	1,171
51-1000	Supervisors - Production Workers	N/A	880	890	1.1%	1	32	50	83
51-1011	Supervisors - Production & Operating Workers	WK EXP	880	890	1.1%	1	32	50	83
51-2000	Assemblers & Fabricators	N/A	2,450	2,430	-0.8%	-3	108	150	255
51-2028	Electrical, Electronic, & Electromechanical Assemblers	MT OJT	680	670	-1.5%	-1	34	38	71
51-2090	Misc. Assemblers & Fabricators	MT OJT	1,610	1,590	-1.2%	-2	68	101	167
51-3000	Food Processing Workers	N/A	760	810	6.6%	4	48	60	112
51-3011	Bakers	MT OJT	280	300	7.1%	2	21	22	45
51-3092	Food Batchmakers	MT OJT	220	240	9.1%	2	15	20	37
51-3099	Food Processing Workers, Other	MT OJT	20	20	0.0%	0	1	1	2
51-4000	Metal Workers & Plastic Workers	N/A	1,800	1,820	1.1%	2	66	111	179
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	120	120	0.0%	0	4	7	11
51-4041	Machinists	LT OJT	390	400	2.6%	2	16	22	40
51-4111	Tool & Die Makers	PS+	40	40	0.0%	0	2	2	4
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	450	460	2.2%	1	14	30	45
51-5100	Printing Workers	N/A	430	400	-7.0%	-3	19	24	40
51-5111	Prepress Technician & Workers	PS	40	40	0.0%	0	2	3	5
51-5112	Printing Press Operators	MT OJT	290	270	-6.9%	-2	12	17	27
51-5113	Print Binding & Finishing Workers	MT OJT	100	90	-10.0%	-1	4	4	7
51-6000	Textile, Apparel & Furnishings Workers	N/A	450	410	-8.9%	-4	31	23	50
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	180	160	-11.1%	-1	13	10	22
51-6031	Sewing Machine Operators	ST OJT	120	110	-8.3%	-1	8	6	13
51-7000	Woodworkers	N/A	440	390	-11.4%	-5	18	23	36
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	300	260	-13.3%	-4	12	15	23
51-8000	Plant & System Operators	N/A	380	390	2.6%	2	16	20	38
51-8021	Stationary Engineers & Boiler Operators	LT OJT	60	60	0.0%	0	3	3	6
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	270	290	7.4%	1	12	14	27
51-9000	Other Production Occupations	N/A	3,400	3,490	2.6%	9	144	225	378
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	MT OJT	100	110	10.0%	1	3	6	10
51-9023	Mixing & Blending Machine Operators	MT OJT	180	170	-5.6%	0	6	11	17
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	820	830	1.2%	2	35	60	97
51-9111	Packaging & Filling Machine Operators	MT OJT	670	720	7.5%	5	33	41	79
51-9124	Coating, Painting & Spraying Machine Setters/Oprs/Tenders	MT OJT	200	190	-5.0%	-1	6	12	17

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51-9161	CNC Tool Operators	MT OJT	290	300	3.4%	1	9	17	27
51-9162	CNC Tool Programmers	PS+	30	30	0.0%	0	1	2	3
51-9198	Helpers--Production Workers	ST OJT	150	150	0.0%	0	10	13	23
53-0000	Transportation & Material Moving Occupations	N/A	19,710	20,440	3.7%	74	1,083	1,466	2,623
53-1000	Supervisors - Transportation & Material Moving Workers	N/A	800	840	5.0%	4	28	53	85
53-3000	Motor Vehicle Operators	N/A	7,880	8,240	4.6%	36	459	453	948
53-3031	Driver/Sales Workers	ST OJT	570	580	1.8%	1	26	34	61
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	3,610	3,730	3.3%	12	166	215	393
53-3033	Light Truck or Delivery Services Drivers	ST OJT	1,950	2,050	5.1%	10	91	117	218
53-3051	Bus Drivers, School	ST OJT	1,040	1,110	6.7%	7	114	49	170
53-3053	Shuttle Drivers & Chauffeurs	ST OJT	540	590	9.3%	5	48	28	81
53-3099	Motor Vehicle Operators, Other	ST OJT	80	80	0.0%	0	7	5	12
53-4000	Rail Transportation Workers	N/A	150	160	6.7%	1	4	8	13
53-4011	Locomotive Engineers	WK EXP	50	50	0.0%	0	1	2	3
53-4022	Railroad Brake/Signal/Switch Oprs & Locomotive Firers	MT OJT	10	10	0.0%	0	0	1	1
53-4031	Railroad Conductors & Yardmasters	MT OJT	90	100	11.1%	0	2	5	7
53-6000	Other Transportation Workers	N/A	180	190	5.6%	1	10	15	26
53-6021	Parking Lot Attendants	ST OJT	100	110	10.0%	1	6	9	16
53-7000	Material Moving Workers	N/A	10,660	10,980	3.0%	32	581	933	1,546
53-7051	Industrial Truck & Tractor Operators	ST OJT	790	810	2.5%	3	26	51	80
53-7061	Cleaners of Vehicles & Equipment	ST OJT	600	610	1.7%	2	33	47	82
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	3,890	4,050	4.1%	16	190	323	529
53-7064	Packers & Packagers, Hand	ST OJT	940	990	5.3%	4	58	80	142
53-7065	Stockers & Order Fillers	ST OJT	4,240	4,320	1.9%	7	266	419	692

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.