

**Bucks County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
		Estimated 2018	Projected 2028	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
00-0000	Total, All Occupations	288,190	299,740	4.0%	1,155	13,373	20,900	35,428
11-0000	Management Occupations	13,020	13,790	5.9%	77	327	794	1,198
11-1000	Top Executives	5,320	5,570	4.7%	25	117	349	491
11-1011	Chief Executives	400	370	-7.5%	-3	10	17	24
11-1021	General & Operations Managers	4,860	5,150	6.0%	28	105	330	463
11-1031	Legislators	50	50	0.0%	0	1	3	4
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	730	760	4.1%	4	15	51	70
11-2021	Marketing Managers	310	330	6.5%	2	7	22	31
11-2022	Sales Managers	340	350	2.9%	1	7	24	32
11-3000	Operations Specialties Managers	2,040	2,220	8.8%	18	46	122	186
11-3011	Administrative Services Managers	220	230	4.5%	2	6	13	21
11-3021	Computer & Information Systems Managers	460	500	8.7%	4	8	29	41
11-3031	Financial Managers	640	740	15.6%	10	15	38	63
11-3051	Industrial Production Managers	340	340	0.0%	0	7	18	25
11-3061	Purchasing Managers	70	70	0.0%	0	2	4	6
11-3071	Transportation, Storage & Distribution Managers	100	100	0.0%	0	2	6	8
11-3121	Human Resources Managers	180	190	5.6%	1	4	11	16
11-9000	Other Management Occupations	4,930	5,250	6.5%	31	149	272	452
11-9021	Construction Managers	830	880	6.0%	5	18	44	67
11-9031	Education Admin., Preschool & Childcare Center/Program	150	160	6.7%	1	4	8	13
11-9032	Education Administrators, Elementary & Secondary School	520	550	5.8%	3	14	28	45
11-9033	Education Administrators, Postsecondary	80	80	0.0%	0	2	4	6
11-9039	Education Administrators, Other	40	40	0.0%	0	1	2	3
11-9041	Architectural & Engineering Managers	260	270	3.8%	1	4	14	19
11-9051	Food Service Managers	370	400	8.1%	3	12	32	47
11-9081	Lodging Managers	70	80	14.3%	0	2	5	7
11-9111	Medical & Health Services Managers	660	820	24.2%	15	18	40	73
11-9121	Natural Sciences Managers	170	180	5.9%	1	4	12	17
11-9131	Postmasters & Mail Superintendents	40	30	-25.0%	-1	1	2	2
11-9151	Social & Community Service Managers	440	470	6.8%	4	14	26	44
11-9199	Managers, Other	430	440	2.3%	1	11	22	34
13-0000	Business & Financial Operations Occupations	10,140	10,670	5.2%	53	285	708	1,046
13-1000	Business Operations Specialists	6,450	6,790	5.3%	33	183	473	689
13-1020	Buyers & Purchasing Agents	560	520	-7.1%	-4	17	40	53
13-1031	Claims Adjusters, Examiners & Investigators	200	190	-5.0%	-1	5	12	16

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13-1041	Compliance Officers	320	330	3.1%	2	9	19	30
13-1051	Cost Estimators	530	550	3.8%	2	14	39	55
13-1071	Human Resources Specialists	1,080	1,130	4.6%	5	29	81	115
13-1081	Logisticians	150	150	0.0%	0	4	11	15
13-1111	Management Analysts	1,240	1,360	9.7%	12	40	82	134
13-1141	Compensation, Benefits & Job Analysis Specialists	140	140	0.0%	0	5	9	14
13-1151	Training & Development Specialists	330	340	3.0%	2	10	26	38
13-1161	Market Research Analysts & Marketing Specialists	1,340	1,480	10.4%	14	33	111	158
13-1199	Business Operations Specialists, Other	150	160	6.7%	0	4	11	15
13-2000	Financial Specialists	3,690	3,890	5.4%	20	102	235	357
13-2011	Accountants & Auditors	2,050	2,140	4.4%	9	59	136	204
13-2051	Financial Analysts	190	210	10.5%	2	4	13	19
13-2061	Financial Examiners	50	50	0.0%	0	1	3	4
13-2072	Loan Officers	510	540	5.9%	3	13	31	47
13-2082	Tax Preparers	110	120	9.1%	0	6	7	13
13-2099	Financial Specialists, Other	60	60	0.0%	0	2	4	6
15-0000	Computer & Mathematical Occupations	5,430	5,880	8.3%	45	93	324	462
15-1100	Computer Occupations	5,320	5,750	8.1%	42	90	318	450
15-1121	Computer Systems Analysts	560	580	3.6%	2	11	30	43
15-1122	Information Security Analysts	30	30	0.0%	1	0	2	3
15-1131	Computer Programmers	520	470	-9.6%	-5	8	27	30
15-1132	Software Developers, Applications	1,230	1,510	22.8%	27	19	78	124
15-1134	Web Developers	220	240	9.1%	2	4	14	20
15-1141	Database Administrators	150	160	6.7%	1	3	8	12
15-1142	Network & Computer Systems Administrators	430	430	0.0%	0	7	23	30
15-1151	Computer User Support Specialists	1,120	1,190	6.2%	7	21	74	102
15-1152	Computer Network Support Specialists	230	230	0.0%	0	4	15	19
15-2000	Mathematical Scientists	110	130	18.2%	2	2	6	10
15-2041	Statisticians	50	70	40.0%	1	1	4	6
17-0000	Architecture & Engineering Occupations	3,720	3,870	4.0%	15	87	200	302
17-1000	Architects, Surveyors & Cartographers	190	200	5.3%	1	5	10	16
17-1011	Architects	70	70	0.0%	0	2	4	6
17-2000	Engineers	2,770	2,900	4.7%	13	57	138	208
17-2031	Biomedical Engineers	20	20	0.0%	0	0	1	1
17-2041	Chemical Engineers	90	90	0.0%	1	2	4	7

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17-2051	Civil Engineers	290	310	6.9%	2	6	17	25
17-2072	Electronics Engineers	180	180	0.0%	0	4	8	12
17-2081	Environmental Engineers	140	150	7.1%	1	4	7	12
17-2112	Industrial Engineers	370	390	5.4%	2	8	18	28
17-2131	Materials Engineers	20	20	0.0%	0	0	1	1
17-2141	Mechanical Engineers	1,030	1,080	4.9%	6	20	52	78
17-2199	Engineers, Other	220	230	4.5%	0	5	11	16
17-3000	Drafters, Engineering & Mapping Technicians	770	780	1.3%	1	25	52	78
17-3011	Architectural & Civil Drafters	110	110	0.0%	1	4	8	13
17-3013	Mechanical Drafters	130	120	-7.7%	-1	4	9	12
17-3023	Electrical & Electronic Engineering Technicians	200	200	0.0%	0	6	13	19
17-3026	Industrial Engineering Technicians	50	50	0.0%	0	2	3	5
17-3027	Mechanical Engineering Technicians	110	110	0.0%	0	4	7	11
17-3031	Surveying & Mapping Technicians	20	20	0.0%	0	1	2	3
19-0000	Life, Physical & Social Science Occupations	2,100	2,250	7.1%	15	41	161	217
19-1000	Life Scientists	410	430	4.9%	2	6	32	40
19-1022	Microbiologists	40	40	0.0%	0	1	3	4
19-1042	Medical Scientists	140	150	7.1%	1	2	11	14
19-2000	Physical Scientists	580	620	6.9%	4	10	46	60
19-2031	Chemists	440	470	6.8%	3	7	34	44
19-3000	Social Scientists & Related Workers	560	620	10.7%	6	13	34	53
19-3031	Clinical, Counseling & School Psychologists	360	400	11.1%	4	8	18	30
19-4000	Life, Physical & Social Science Technicians	550	570	3.6%	2	12	48	62
19-4011	Agricultural & Food Science Technicians	10	10	0.0%	0	0	0	0
19-4031	Chemical Technicians	320	330	3.1%	1	6	26	33
21-0000	Community & Social Services Occupations	5,450	5,850	7.3%	40	202	397	639
21-1000	Counselors, Social Workers & Community Service Specialists	4,270	4,680	9.6%	41	146	316	503
21-1012	Educational, Guidance, School & Vocational Counselors	260	270	3.8%	1	9	19	29
21-1013	Marriage & Family Therapists	20	30	50.0%	0	1	2	3
21-1015	Rehabilitation Counselors	170	180	5.9%	1	6	12	19
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	1,520	1,700	11.8%	18	52	112	182
21-1021	Child, Family & School Social Workers	730	770	5.5%	4	22	51	77
21-1022	Healthcare Social Workers	270	310	14.8%	4	8	20	32
21-1023	Mental Health & Substance Abuse Social Workers	410	470	14.6%	5	13	30	48
21-1091	Health Educators	50	50	0.0%	0	2	4	6

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21-1093	Social & Human Service Assistants	580	630	8.6%	5	24	48	77
21-2000	Religious Workers	1,170	1,160	-0.9%	-1	56	80	135
21-2011	Clergy	570	570	0.0%	0	25	37	62
23-1000	Lawyers, Judges & Related Workers	920	970	5.4%	5	20	25	50
23-1011	Lawyers	880	930	5.7%	5	20	24	49
23-2000	Legal Support Workers	450	510	13.3%	6	16	34	56
23-2011	Paralegals & Legal Assistants	440	490	11.4%	6	16	34	56
25-0000	Education, Training & Library Occupations	13,120	13,900	5.9%	78	554	664	1,296
25-1000	Postsecondary Teachers	700	730	4.3%	4	26	32	62
25-1011	Business Teachers, Postsecondary	80	90	12.5%	1	3	4	8
25-1022	Mathematical Science Teachers, Postsecondary	20	20	0.0%	0	1	1	2
25-1072	Nursing Instructors & Teachers, Postsecondary	40	50	25.0%	1	2	2	5
25-1123	English Language & Literature Teachers, Postsecondary	50	50	0.0%	0	2	2	4
25-1194	Vocational Education Teachers, Postsecondary	120	120	0.0%	0	4	6	10
25-2000	Primary, Secondary & Special Education School Teachers	7,600	8,050	5.9%	46	252	364	662
25-2011	Preschool Teachers	1,490	1,570	5.4%	8	61	93	162
25-2012	Kindergarten Teachers	190	200	5.3%	1	8	12	21
25-2021	Elementary School Teachers	2,240	2,370	5.8%	14	72	98	184
25-2031	Secondary School Teachers	2,190	2,330	6.4%	14	63	96	173
25-2032	Career/Technical Education Teachers, Secondary School	170	180	5.9%	1	5	7	13
25-2053	Special Education Teachers, Middle School	80	90	12.5%	0	3	4	7
25-2054	Special Education Teachers, Secondary School	600	640	6.7%	4	20	26	50
25-3000	Other Teachers & Instructors	1,990	2,120	6.5%	13	119	116	248
25-3011	Adult Basic & Secondary Education & Literacy Teachers	50	40	-20.0%	-1	3	3	5
25-3021	Self-Enrichment Education Teachers	1,250	1,360	8.8%	11	75	73	159
25-3097	Teachers & Instructors, Other	150	150	0.0%	0	8	8	16
25-3098	Substitute Teachers	550	570	3.6%	3	32	32	67
25-4000	Librarians, Curators & Archivists	430	440	2.3%	1	29	24	54
25-4012	Curators	10	10	0.0%	0	0	1	1
25-4021	Librarians	230	240	4.3%	1	13	11	25
25-4031	Library Technicians	180	180	0.0%	0	16	11	27
25-9000	Other Education, Training & Library Occupations	2,410	2,550	5.8%	14	127	129	270
25-9011	Audio-Visual & Multimedia Collections Specialists	20	20	0.0%	0	1	1	2
25-9031	Instructional Coordinators	280	290	3.6%	1	12	15	28
25-9041	Teacher Assistants	2,030	2,160	6.4%	12	111	110	233

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25-9099	Education, Training & Library Workers, Other	70	80	14.3%	1	3	4	8
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	3,860	3,810	-1.3%	-5	151	267	413
27-1000	Art & Design Workers	1,620	1,550	-4.3%	-6	58	103	155
27-1011	Art Directors	270	270	0.0%	0	14	15	29
27-1021	Commercial & Industrial Designers	40	40	0.0%	0	1	3	4
27-1024	Graphic Designers	630	630	0.0%	0	20	42	62
27-2000	Entertainers & Performers, Sports & Related Workers	910	930	2.2%	2	46	70	118
27-2012	Producers & Directors	150	160	6.7%	1	3	12	16
27-2022	Coaches & Scouts	300	320	6.7%	2	18	28	48
27-3000	Media & Communication Workers	1,070	1,050	-1.9%	-2	37	75	110
27-3011	Radio & Television Announcers	30	30	0.0%	0	1	2	3
27-3031	Public Relations Specialists	310	330	6.5%	2	10	24	36
27-3041	Editors	260	230	-11.5%	-4	7	19	22
27-3042	Technical Writers	80	80	0.0%	0	2	5	7
27-3043	Writers & Authors	290	290	0.0%	0	12	18	30
27-4000	Media & Communication Equipment Workers	260	270	3.8%	1	9	18	28
27-4011	Audio & Video Equipment Technicians	100	110	10.0%	1	3	8	12
27-4032	Film & Video Editors	20	20	0.0%	0	0	1	1
29-0000	Healthcare Practitioners & Technical Occupations	17,960	20,100	11.9%	214	498	588	1,300
29-1000	Health Diagnosing & Treating Practitioners	10,950	12,360	12.9%	141	279	284	704
29-1021	Dentists, General	350	360	2.9%	1	8	3	12
29-1031	Dietitians & Nutritionists	150	170	13.3%	2	5	5	12
29-1051	Pharmacists	580	560	-3.4%	-2	13	12	23
29-1062	Family & General Practitioners	240	260	8.3%	2	4	3	9
29-1066	Psychiatrists	60	70	16.7%	1	1	1	3
29-1069	Physicians & Surgeons, Other	770	810	5.2%	4	13	10	27
29-1071	Physician Assistants	240	310	29.2%	7	4	11	22
29-1081	Podiatrists	120	120	0.0%	0	3	4	7
29-1122	Occupational Therapists	510	640	25.5%	13	13	20	46
29-1123	Physical Therapists	810	1,020	25.9%	21	17	21	59
29-1125	Recreational Therapists	50	60	20.0%	1	1	2	4
29-1126	Respiratory Therapists	220	250	13.6%	4	6	6	16
29-1127	Speech-Language Pathologists	310	370	19.4%	6	7	11	24
29-1128	Exercise Physiologists	40	40	0.0%	0	1	1	2
29-1141	Registered Nurses	5,520	6,220	12.7%	69	163	150	382

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29-1171	Nurse Practitioners	310	390	25.8%	8	7	12	27
29-2000	Health Technologists & Technicians	6,790	7,500	10.5%	71	213	296	580
29-2010	Clinical Laboratory Technologists & Technicians	440	450	2.3%	1	12	16	29
29-2021	Dental Hygienists	520	550	5.8%	3	22	14	39
29-2031	Cardiovascular Technologists & Technicians	150	150	0.0%	0	4	4	8
29-2032	Diagnostic Medical Sonographers	190	210	10.5%	2	5	6	13
29-2033	Nuclear Medicine Technologists	30	30	0.0%	0	1	1	2
29-2034	Radiologic Technologists	440	460	4.5%	2	11	14	27
29-2035	Magnetic Resonance Imaging Technologists	90	100	11.1%	0	2	3	5
29-2041	Emergency Medical Technicians & Paramedics	540	610	13.0%	6	10	28	44
29-2051	Dietetic Technicians	30	40	33.3%	0	1	2	3
29-2052	Pharmacy Technicians	890	930	4.5%	4	26	47	77
29-2055	Surgical Technologists	210	230	9.5%	2	6	12	20
29-2061	Licensed Practical & Licensed Vocational Nurses	1,980	2,330	17.7%	35	73	91	199
29-2071	Medical Records & Health Information Technicians	350	380	8.6%	3	11	12	26
29-2099	Health Technologists & Technicians, Other	290	340	17.2%	5	8	13	26
29-9000	Other Healthcare Practitioners & Technical Occupations	220	240	9.1%	2	5	8	15
29-9011	Occupational Health & Safety Specialists	150	160	6.7%	1	4	5	10
29-9012	Occupational Health & Safety Technicians	20	20	0.0%	0	0	0	0
31-0000	Healthcare Support Occupations	11,420	13,350	16.9%	192	634	768	1,594
31-1000	Nursing, Psychiatric & Home Health Aides	7,770	9,190	18.3%	142	456	495	1,093
31-1011	Home Health Aides	3,450	4,440	28.7%	99	212	230	541
31-1013	Psychiatric Aides	50	60	20.0%	0	3	3	6
31-1014	Nursing Assistants	4,180	4,600	10.0%	42	236	256	534
31-1015	Orderlies	90	90	0.0%	0	5	5	10
31-2000	Occupational & Physical Therapist Assistants & Aides	460	580	26.1%	12	22	39	73
31-2011	Occupational Therapy Assistants	120	170	41.7%	4	6	9	19
31-2021	Physical Therapist Assistants	150	180	20.0%	3	7	14	24
31-9000	Other Healthcare Support Occupations	3,190	3,580	12.2%	39	156	234	429
31-9011	Massage Therapists	480	580	20.8%	10	33	28	71
31-9091	Dental Assistants	700	740	5.7%	4	33	47	84
31-9092	Medical Assistants	1,300	1,510	16.2%	21	55	100	176
33-0000	Protective Service Occupations	4,370	4,470	2.3%	10	231	299	540
33-1000	Supervisors - Protective Service Workers	200	210	5.0%	1	6	9	16
33-1012	Supervisors - Police & Detectives	110	110	0.0%	0	3	4	7

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33-1099	Supervisors - Protective Service Workers, Other	70	80	14.3%	0	3	4	7
33-2000	Fire Fighting & Prevention Workers	90	90	0.0%	0	2	4	6
33-2011	Firefighters	70	70	0.0%	0	1	4	5
33-2021	Fire Inspectors & Investigators	20	20	0.0%	0	1	1	2
33-3000	Law Enforcement Workers	1,300	1,310	0.8%	1	33	60	94
33-3021	Detectives & Criminal Investigators	90	90	0.0%	0	2	4	6
33-3051	Police & Sheriff's Patrol Officers	1,040	1,070	2.9%	3	25	49	77
33-9000	Other Protective Service Workers	2,780	2,870	3.2%	8	189	225	422
33-9011	Animal Control Workers	10	10	0.0%	0	0	1	1
33-9032	Security Guards	2,070	2,120	2.4%	5	107	163	275
33-9091	Crossing Guards	200	200	0.0%	1	23	9	33
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	270	280	3.7%	2	36	30	68
33-9099	Protective Service Workers, Other	140	140	0.0%	0	18	15	33
35-0000	Food Preparation & Serving Related Occupations	24,550	26,610	8.4%	206	1,825	2,649	4,680
35-1000	Supervisors, Food Preparation & Serving Workers	1,840	1,980	7.6%	14	82	207	303
35-1011	Chefs & Head Cooks	120	130	8.3%	2	4	12	18
35-1012	Supervisors - Food Preparation & Serving Workers	1,720	1,850	7.6%	13	78	195	286
35-2000	Cooks & Food Preparation Workers	4,520	4,960	9.7%	44	275	432	751
35-2012	Cooks, Institution & Cafeteria	580	620	6.9%	4	32	53	89
35-2014	Cooks, Restaurant	2,230	2,620	17.5%	39	129	214	382
35-2019	Cooks, Other	10	10	0.0%	0	0	0	0
35-2021	Food Preparation Workers	1,110	1,170	5.4%	6	83	113	202
35-3000	Food & Beverage Serving Workers	15,120	16,440	8.7%	133	1,182	1,700	3,015
35-3011	Bartenders	1,080	1,120	3.7%	4	52	142	198
35-3021	Combined Food Preparation & Serving Workers	7,860	8,910	13.4%	105	668	824	1,597
35-3031	Waiters & Waitresses	5,010	5,150	2.8%	14	352	622	988
35-9000	Other Food Preparation & Serving Related Workers	3,080	3,230	4.9%	15	287	309	611
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	910	970	6.6%	6	77	83	166
35-9021	Dishwashers	1,000	1,020	2.0%	2	75	85	162
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	1,160	1,240	6.9%	8	134	141	283
37-0000	Building & Grounds Cleaning & Maintenance Occupations	9,700	10,050	3.6%	35	540	750	1,325
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	590	620	5.1%	4	24	44	72
37-2000	Building Cleaning & Pest Control Workers	5,990	6,160	2.8%	17	385	423	825
37-2011	Janitors & Cleaners	3,570	3,700	3.6%	13	222	256	491
37-2012	Maids & Housekeeping Cleaners	2,180	2,220	1.8%	3	156	141	300

**Bucks County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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37-2021	Pest Control Workers	240	240	0.0%	0	7	26	33
37-3000	Grounds Maintenance Workers	3,120	3,270	4.8%	14	131	283	428
37-3011	Landscaping & Groundskeeping Workers	2,910	3,040	4.5%	13	122	263	398
39-0000	Personal Care & Service Occupations	21,090	23,710	12.4%	262	1,530	1,656	3,448
39-1000	Supervisors, Personal Care & Service Workers	1,050	1,130	7.6%	8	44	67	119
39-2000	Animal Care & Service Workers	660	730	10.6%	8	47	64	119
39-2011	Animal Trainers	70	70	0.0%	1	4	6	11
39-2021	Nonfarm Animal Caretakers	590	660	11.9%	7	44	58	109
39-3000	Entertainment Attendants & Related Workers	1,250	1,310	4.8%	6	123	144	273
39-3091	Amusement & Recreation Attendants	560	590	5.4%	2	61	71	134
39-5000	Personal Appearance Workers	4,950	5,240	5.9%	29	304	320	653
39-5012	Hairdressers, Hairstylists & Cosmetologists	3,970	4,170	5.0%	20	247	260	527
39-5092	Manicurists & Pedicurists	610	670	9.8%	6	36	37	79
39-5093	Shampooers	210	230	9.5%	2	12	13	27
39-5094	Skincare Specialists	160	170	6.2%	1	9	10	20
39-9000	Other Personal Care & Service Workers	12,850	14,960	16.4%	211	990	1,036	2,237
39-9011	Childcare Workers	2,580	2,630	1.9%	5	192	196	393
39-9021	Personal Care Aides	7,780	9,630	23.8%	185	643	570	1,398
39-9031	Fitness Trainers & Aerobics Instructors	1,430	1,560	9.1%	13	89	159	261
39-9032	Recreation Workers	610	650	6.6%	4	37	67	108
41-0000	Sales & Related Occupations	31,720	31,050	-2.1%	-67	1,666	2,647	4,246
41-1000	Supervisors - Sales Workers	4,080	3,950	-3.2%	-12	137	293	418
41-1011	Supervisors - Retail Sales Workers	3,260	3,170	-2.8%	-9	111	242	344
41-1012	Supervisors - Non-Retail Sales Workers	820	790	-3.7%	-3	26	51	74
41-2000	Retail Sales Workers	18,280	17,530	-4.1%	-75	1,211	1,640	2,776
41-2011	Cashiers	6,300	5,950	-5.6%	-35	547	609	1,121
41-2021	Counter & Rental Clerks	670	690	3.0%	1	34	53	88
41-2031	Retail Salespersons	10,680	10,250	-4.0%	-43	602	927	1,486
41-3000	Sales Representatives, Services	3,570	3,740	4.8%	17	117	295	429
41-3021	Insurance Sales Agents	1,010	1,080	6.9%	7	38	63	108
41-3031	Securities, Commodities & Financial Services Sales Agents	680	720	5.9%	4	18	48	70
41-3099	Sales Representatives, Other Services	1,570	1,660	5.7%	9	48	157	214
41-4000	Sales Representatives, Wholesale & Manufacturing	3,970	4,040	1.8%	7	122	298	427
41-4011	Sales Representatives, Technical & Scientific Products	230	240	4.3%	1	7	17	25
41-4012	Sales Representatives	3,740	3,800	1.6%	6	115	281	402

**Bucks County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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41-9000	Other Sales & Related Workers	1,820	1,790	-1.6%	-3	80	120	197
41-9022	Real Estate Sales Agents	910	940	3.3%	3	42	46	91
41-9031	Sales Engineers	190	190	0.0%	0	4	16	20
41-9041	Telemarketers	380	310	-18.4%	-6	16	37	47
41-9099	Sales & Related Workers, Other	70	70	0.0%	0	3	6	9
43-0000	Office & Administrative Support Occupations	43,750	42,180	-3.6%	-158	2,147	2,955	4,944
43-1000	Supervisors - Office & Administrative Support Workers	2,710	2,650	-2.2%	-6	100	180	274
43-1011	Supervisors - Office & Administrative Support Workers	2,710	2,650	-2.2%	-6	100	180	274
43-2000	Communications Equipment Operators	90	60	-33.3%	-2	4	5	7
43-2011	Switchboard Operators	80	60	-25.0%	-2	4	5	7
43-3000	Financial Clerks	5,860	5,570	-4.9%	-29	301	360	632
43-3011	Bill & Account Collectors	510	470	-7.8%	-4	19	40	55
43-3021	Billing & Posting Clerks	880	940	6.8%	6	37	61	104
43-3031	Bookkeeping, Accounting & Auditing Clerks	3,080	2,900	-5.8%	-18	182	166	330
43-3051	Payroll & Timekeeping Clerks	330	320	-3.0%	-2	15	20	33
43-3061	Procurement Clerks	120	110	-8.3%	-1	4	8	11
43-3071	Tellers	890	780	-12.4%	-11	41	60	90
43-4000	Information & Record Clerks	9,780	9,660	-1.2%	-12	497	776	1,261
43-4011	Brokerage Clerks	180	190	5.6%	2	9	10	21
43-4031	Court, Municipal & License Clerks	20	20	0.0%	0	1	1	2
43-4041	Credit Authorizers, Checkers & Clerks	30	30	0.0%	0	1	2	3
43-4051	Customer Service Representatives	4,820	4,610	-4.4%	-21	226	402	607
43-4061	Eligibility Interviewers, Government Programs	120	130	8.3%	0	5	7	12
43-4071	File Clerks	160	140	-12.5%	-2	9	10	17
43-4081	Hotel, Motel & Resort Desk Clerks	270	260	-3.7%	-1	14	30	43
43-4111	Interviewers	480	490	2.1%	0	25	35	60
43-4121	Library Assistants, Clerical	270	270	0.0%	0	22	19	41
43-4131	Loan Interviewers & Clerks	300	320	6.7%	2	11	20	33
43-4151	Order Clerks	240	220	-8.3%	-2	10	17	25
43-4161	Human Resources Assistants	210	190	-9.5%	-2	7	15	20
43-4171	Receptionists & Information Clerks	2,570	2,690	4.7%	13	153	200	366
43-4199	Information & Record Clerks, Other	20	30	50.0%	0	1	2	3
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	8,270	8,270	0.0%	0	364	597	961
43-5021	Couriers & Messengers	130	140	7.7%	1	5	7	13
43-5031	Police, Fire & Ambulance Dispatchers	100	110	10.0%	1	4	6	11

**Bucks County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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43-5032	Dispatchers	340	340	0.0%	1	12	20	33
43-5051	Postal Service Clerks	160	140	-12.5%	-2	6	5	9
43-5052	Postal Service Mail Carriers	690	610	-11.6%	-8	24	25	41
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	20	20	0.0%	0	1	1	2
43-5061	Production, Planning & Expediting Clerks	340	360	5.9%	2	12	25	39
43-5071	Shipping, Receiving & Traffic Clerks	1,550	1,550	0.0%	0	52	102	154
43-5081	Stock Clerks & Order Fillers	4,700	4,740	0.9%	5	239	389	633
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	120	120	0.0%	1	6	8	15
43-6000	Secretaries & Administrative Assistants	6,980	6,430	-7.9%	-55	344	407	696
43-6013	Medical Secretaries	1,340	1,500	11.9%	16	73	86	175
43-6014	Secretaries	4,470	3,980	-11.0%	-49	217	256	424
43-9000	Other Office & Administrative Support Workers	10,080	9,540	-5.4%	-54	536	630	1,112
43-9011	Computer Operators	20	20	0.0%	0	1	1	2
43-9021	Data Entry Keyers	450	350	-22.2%	-10	18	28	36
43-9022	Word Processors & Typists	90	60	-33.3%	-3	4	4	5
43-9051	Mail Clerks & Mail Machine Operators	550	550	0.0%	0	26	34	60
43-9061	Office Clerks, General	8,630	8,250	-4.4%	-39	472	538	971
43-9199	Office & Administrative Support Workers, Other	110	120	9.1%	0	5	8	13
45-2041	Graders & Sorters, Agricultural Products	10	10	0.0%	0	0	1	1
45-2091	Agricultural Equipment Operators	50	60	20.0%	0	2	7	9
45-2099	Agricultural Workers, Other	10	10	0.0%	0	0	1	1
47-0000	Construction & Extraction Occupations	13,930	14,640	5.1%	71	458	1,110	1,639
47-1000	Supervisors - Construction & Extraction Workers	1,270	1,360	7.1%	9	39	97	145
47-1011	Supervisors - Construction Trades & Extraction Workers	1,270	1,360	7.1%	9	39	97	145
47-2000	Construction Trades Workers	11,040	11,600	5.1%	56	353	880	1,289
47-2011	Boilermakers	20	20	0.0%	0	0	1	1
47-2021	Brickmasons & Blockmasons	340	360	5.9%	2	10	25	37
47-2031	Carpenters	1,910	2,010	5.2%	10	61	142	213
47-2061	Construction Laborers	2,820	2,990	6.0%	17	97	226	340
47-2073	Operating Engineers & Other Construction Equipment Operators	660	710	7.6%	5	23	56	84
47-2111	Electricians	1,350	1,340	-0.7%	-1	41	115	155
47-2141	Painters, Construction & Maintenance	570	600	5.3%	2	20	39	61
47-2152	Plumbers, Pipefitters & Steamfitters	1,670	1,720	3.0%	6	50	138	194
47-2181	Roofers	620	680	9.7%	6	17	50	73
47-4000	Other Construction & Related Workers	1,210	1,250	3.3%	4	52	91	147

**Bucks County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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47-4051	Highway Maintenance Workers	520	530	1.9%	1	21	37	59
47-4061	Rail-Track Laying & Maintenance Equipment Operators	50	50	0.0%	0	2	3	5
49-0000	Installation, Maintenance & Repair Occupations	12,840	13,220	3.0%	38	411	869	1,318
49-1000	Supervisors - Installation, Maintenance & Repair Workers	1,050	1,090	3.8%	4	33	64	101
49-1011	Supervisors - Mechanics, Installers & Repairers	1,050	1,090	3.8%	4	33	64	101
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	930	940	1.1%	0	25	73	98
49-2011	Computer, Automated Teller & Office Machine Repairers	330	330	0.0%	0	9	26	35
49-2022	Telecommunications Equipment Installers & Repairers	180	180	0.0%	-1	5	15	19
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	30	30	0.0%	0	0	2	2
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	70	70	0.0%	0	1	5	6
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	4,420	4,500	1.8%	8	130	302	440
49-3021	Automotive Body & Related Repairers	880	900	2.3%	2	29	57	88
49-3023	Automotive Service Technicians & Mechanics	2,350	2,350	0.0%	0	64	165	229
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	510	540	5.9%	3	14	34	51
49-3042	Mobile Heavy Equipment Mechanics	350	370	5.7%	2	11	24	37
49-3043	Rail Car Repairers	50	50	0.0%	0	2	4	6
49-9000	Other Installation, Maintenance & Repair Occupations	6,440	6,700	4.0%	25	222	429	676
49-9012	Control & Valve Installers & Repairers	30	40	33.3%	0	1	2	3
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	1,330	1,360	2.3%	4	37	94	135
49-9031	Home Appliance Repairers	270	270	0.0%	-1	12	16	27
49-9041	Industrial Machinery Mechanics	580	650	12.1%	7	19	37	63
49-9043	Maintenance Workers, Machinery	250	270	8.0%	2	10	14	26
49-9051	Electrical Power-Line Installers & Repairers	90	90	0.0%	0	2	5	7
49-9071	Maintenance & Repair Workers, General	2,680	2,830	5.6%	15	96	170	281
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	130	110	-15.4%	-2	5	9	12
49-9097	Signal & Track Switch Repairers	20	20	0.0%	0	1	2	3
49-9098	Helpers--Installation, Maintenance & Repair Workers	240	250	4.2%	1	13	18	32
49-9099	Installation, Maintenance & Repair Workers, Other	220	230	4.5%	1	9	15	25
51-0000	Production Occupations	17,360	16,700	-3.8%	-66	661	1,288	1,883
51-1000	Supervisors - Production Workers	1,510	1,500	-0.7%	0	48	106	154
51-1011	Supervisors - Production & Operating Workers	1,510	1,500	-0.7%	0	48	106	154
51-2000	Assemblers & Fabricators	3,810	3,390	-11.0%	-42	144	270	372
51-2028	Electrical, Electronic, & Electromechanical Assemblers	780	780	0.0%	0	34	55	89
51-2098	Assemblers & Fabricators, All Other	2,670	2,290	-14.2%	-37	102	187	252
51-3000	Food Processing Workers	840	850	1.2%	1	45	69	115

**Bucks County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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51-3011	Bakers	370	380	2.7%	1	22	30	53
51-3092	Food Batchmakers	170	170	0.0%	0	10	15	25
51-4000	Metal Workers & Plastic Workers	3,920	3,900	-0.5%	-1	126	286	411
51-4011	Computer-Controlled Machine Tool Operators	430	440	2.3%	1	12	32	45
51-4012	Computer Numerically Controlled Machine Tool Programmers	50	50	0.0%	1	1	4	6
51-4021	Extruding & Drawing Machine Operators	200	200	0.0%	-1	6	19	24
51-4031	Cutting, Punching & Press Machine Operators	160	150	-6.2%	-1	6	12	17
51-4041	Machinists	1,310	1,380	5.3%	7	45	92	144
51-4081	Multiple Machine Tool Operators	390	400	2.6%	1	14	27	42
51-4121	Welders, Cutters, Solderers & Brazers	320	330	3.1%	1	8	28	37
51-4191	Heat Treating Equipment Operators	80	70	-12.5%	-1	3	5	7
51-5100	Printing Workers	920	850	-7.6%	-8	39	63	94
51-5112	Printing Press Operators	680	650	-4.4%	-3	25	46	68
51-6000	Textile, Apparel & Furnishings Workers	830	790	-4.8%	-4	46	52	94
51-6011	Laundry & Dry-Cleaning Workers	240	250	4.2%	0	15	17	32
51-6063	Textile Knitting & Weaving Machine Operators	120	120	0.0%	0	7	6	13
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	60	60	0.0%	0	2	4	6
51-7000	Woodworkers	320	320	0.0%	0	14	21	35
51-7011	Cabinetmakers & Bench Carpenters	190	190	0.0%	0	8	12	20
51-7021	Furniture Finishers	100	100	0.0%	0	5	6	11
51-8000	Plant & System Operators	290	280	-3.4%	-1	8	20	27
51-8021	Stationary Engineers & Boiler Operators	110	110	0.0%	0	4	8	12
51-8031	Water & Wastewater Treatment Plant & System Operators	90	90	0.0%	0	3	5	8
51-9000	Other Production Occupations	4,930	4,820	-2.2%	-11	190	401	580
51-9011	Chemical Equipment Operators	470	470	0.0%	0	12	42	54
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	320	320	0.0%	0	8	29	37
51-9021	Crushing, Grinding & Polishing Machine Operators	40	40	0.0%	0	1	3	4
51-9023	Mixing & Blending Machine Operators	210	210	0.0%	0	6	18	24
51-9032	Cutting & Slicing Machine Operators	140	150	7.1%	0	6	12	18
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	70	70	0.0%	0	3	5	8
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	1,060	900	-15.1%	-16	39	82	105
51-9081	Dental Laboratory Technicians	190	220	15.8%	3	9	16	28
51-9111	Packaging & Filling Machine Operators	880	880	0.0%	0	39	63	102
51-9121	Coating, Painting & Spraying Machine Operators	90	90	0.0%	0	3	7	10
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	250	250	0.0%	1	16	23	40

**Bucks County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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51-9195	Molders, Shapers & Casters	90	90	0.0%	0	4	6	10
51-9196	Paper Goods Machine Operators	340	330	-2.9%	-1	10	26	35
51-9198	Helpers--Production Workers	370	380	2.7%	1	20	36	57
51-9199	Production Workers, Other	170	170	0.0%	0	6	13	19
53-0000	Transportation & Material Moving Occupations	20,230	21,120	4.4%	89	958	1,618	2,665
53-1000	Supervisors - Transportation & Material Moving Workers	720	750	4.2%	3	23	55	81
53-1048	Supervisors - Transportation & Material Moving Workers	720	750	4.2%	3	23	55	81
53-3000	Motor Vehicle Operators	9,850	10,370	5.3%	51	493	678	1,222
53-3022	Bus Drivers, School or Special Client	1,640	1,740	6.1%	9	131	82	222
53-3031	Driver/Sales Workers	620	600	-3.2%	-2	25	44	67
53-3032	Heavy & Tractor-Trailer Truck Drivers	4,240	4,440	4.7%	20	179	315	514
53-3033	Light Truck or Delivery Services Drivers	2,260	2,360	4.4%	9	95	168	272
53-3041	Taxi Drivers & Chauffeurs	950	1,080	13.7%	12	54	55	121
53-4011	Locomotive Engineers	180	170	-5.6%	-1	5	12	16
53-4021	Railroad Brake, Signal & Switch Operators	90	90	0.0%	0	2	7	9
53-4031	Railroad Conductors & Yardmasters	230	220	-4.3%	-1	4	17	20
53-6000	Other Transportation Workers	660	670	1.5%	1	32	67	100
53-6021	Parking Lot Attendants	430	430	0.0%	0	22	44	66
53-6051	Transportation Inspectors	10	10	0.0%	0	0	1	1
53-7000	Material Moving Workers	8,420	8,760	4.0%	35	396	777	1,208
53-7011	Conveyor Operators	20	20	0.0%	0	0	1	1
53-7021	Crane & Tower Operators	120	120	0.0%	1	4	10	15
53-7051	Industrial Truck & Tractor Operators	910	930	2.2%	2	28	76	106
53-7061	Cleaners of Vehicles & Equipment	780	810	3.8%	4	40	76	120
53-7062	Laborers & Freight, Stock & Material Movers	4,810	5,040	4.8%	23	222	462	707
53-7064	Packers & Packagers, Hand	1,130	1,130	0.0%	0	68	95	163

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.