

## 2015 High Priority Occupations for Chester County Workforce Investment Area

SOC Code	SOC Title	Educational Attainment	Wages (2014)			Employment			
			Annual Average	Entry Level	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$164,830	\$91,720	\$201,380	660	720	9.1%	19
11-9151	Social & Community Service Managers	BD+	\$66,870	\$47,250	\$76,690	220	230	4.5%	6
13-1023	Purchasing Agents	LT OJT	\$65,280	\$44,810	\$75,520	650	690	6.2%	15
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$61,400	\$40,610	\$71,790	620	660	6.5%	18
13-1051	Cost Estimators	BD	\$63,750	\$38,960	\$76,150	750	910	21.3%	40
13-1081	Logisticians	BD	\$68,530	\$48,200	\$78,700	360	440	22.2%	12
13-1151	Training & Development Specialists	BD+	\$63,830	\$34,060	\$78,720	650	790	21.5%	25
13-1161	Market Research Analysts & Marketing Specialists	BD	\$76,340	\$44,140	\$92,440	1,460	1,930	32.2%	67
13-2011	Accountants & Auditors	BD	\$78,500	\$49,120	\$93,190	4,560	5,100	11.8%	189
13-2051	Financial Analysts	BD	\$88,860	\$50,880	\$107,840	670	770	14.9%	26
15-1121	Computer Systems Analysts	BD	\$102,070	\$64,730	\$120,740	2,380	3,020	26.9%	101
15-1131	Computer Programmers	BD	\$89,070	\$59,000	\$104,100	1,380	1,590	15.2%	57
15-1132	Software Developers, Applications	BD	\$98,040	\$61,650	\$116,230	940	1,090	16.0%	27
15-1133	Software Developers, Systems Software	BD	\$88,760	\$59,900	\$103,200	2,360	2,810	19.1%	75
15-1141	Database Administrators	BD+	\$88,540	\$57,400	\$104,110	320	410	28.1%	15
15-1142	Network & Computer Systems Administrators	BD	\$85,770	\$58,500	\$99,410	1,640	1,900	15.9%	53
15-1151	Computer User Support Specialists	PS+	\$48,340	\$28,590	\$58,210	2,000	2,550	27.5%	86
15-1152	Computer Network Support Specialists	AD	\$75,780	\$50,630	\$88,360	590	710	20.3%	21
17-2051	Civil Engineers	BD	\$85,940	\$53,480	\$102,170	830	1,040	25.3%	42
17-2071	Electrical Engineers	BD	\$89,020	\$64,660	\$101,190	220	250	13.6%	8
17-2072	Electronics Engineers	BD	\$91,020	\$66,490	\$103,290	250	290	16.0%	10
17-2112	Industrial Engineers	BD	\$82,310	\$58,250	\$94,350	470	510	8.5%	18
17-2141	Mechanical Engineers	BD	\$87,280	\$58,180	\$101,830	410	470	14.6%	19
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	10	10	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$57,640	\$43,290	\$64,810	140	140	0.0%	3
19-4021	Biological Technicians	BD	\$46,240	\$37,540	\$50,590	180	230	27.8%	10
21-1011	Substance Abuse & Behavioral Disorder Counselors	MT OJT	\$33,740	\$22,460	\$39,380	360	430	19.4%	16
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$57,360	\$31,900	\$70,090	430	450	4.7%	11
21-1015	Rehabilitation Counselors	MD	\$36,370	\$27,900	\$40,600	100	110	10.0%	3
21-1021	Child, Family & School Social Workers	BD	\$39,140	\$33,870	\$41,770	540	600	11.1%	18
21-1022	Healthcare Social Workers	MD	\$54,090	\$37,490	\$62,390	150	180	20.0%	6
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$44,200	\$34,290	\$49,160	120	160	33.3%	7
21-1091	Health Educators	BD	\$62,390	\$40,030	\$73,570	110	120	9.1%	4
21-1093	Social & Human Service Assistants	ST OJT	\$29,370	\$25,370	\$31,370	670	740	10.4%	24
23-2011	Paralegals & Legal Assistants	AD	\$60,290	\$46,240	\$67,310	190	220	15.8%	7
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$66,490	\$46,740	\$76,370	10	10	0.0%	0
25-3021	Self-Enrichment Education Teachers	WK EXP	\$49,560	\$23,510	\$62,590	850	950	11.8%	24

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27-1024	Graphic Designers	BD	\$57,550	\$37,850	\$67,400	560	650	16.1%	23
27-2022	Coaches & Scouts	BD	\$30,380	\$18,300	\$36,430	640	710	10.9%	26
29-1031	Dietitians & Nutritionists	BD	\$54,660	\$30,360	\$66,820	90	100	11.1%	3
29-1051	Pharmacists	PROF	\$112,080	\$78,940	\$128,650	510	570	11.8%	18
29-1071	Physician Assistants	MD	\$90,990	\$63,070	\$104,950	140	150	7.1%	4
29-1126	Respiratory Therapists	AD	\$53,670	\$40,050	\$60,480	110	140	27.3%	6
29-1127	Speech-Language Pathologists	MD	\$72,380	\$57,080	\$80,020	140	160	14.3%	4
29-1141	Registered Nurses	AD	\$70,630	\$52,540	\$79,680	4,460	5,310	19.1%	171
29-1171	Nurse Practitioners	MD	\$99,980	\$56,750	\$121,600	70	90	28.6%	3
29-2011	Medical & Clinical Laboratory Technologists	BD	\$83,430	\$55,730	\$97,280	140	150	7.1%	6
29-2012	Medical & Clinical Laboratory Technicians	AD	N/A	N/A	N/A	270	300	11.1%	11
29-2021	Dental Hygienists	AD	\$69,740	\$42,210	\$83,510	250	310	24.0%	12
29-2031	Cardiovascular Technologists & Technicians	AD	\$58,110	\$42,230	\$66,060	30	40	33.3%	1
29-2032	Diagnostic Medical Sonographers	AD	\$69,960	\$60,080	\$74,900	30	40	33.3%	1
29-2034	Radiologic Technologists	AD	\$60,360	\$46,990	\$67,050	180	210	16.7%	5
29-2041	Emergency Medical Technicians & Paramedics	PS	\$47,180	\$36,790	\$52,370	280	420	50.0%	22
29-2052	Pharmacy Technicians	MT OJT	\$31,960	\$23,340	\$36,270	480	510	6.3%	9
29-2055	Surgical Technologists	PS	\$36,700	\$24,510	\$42,790	60	70	16.7%	2
29-2056	Veterinary Technologists & Technicians	AD	\$34,630	\$27,550	\$38,180	170	210	23.5%	6
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$50,240	\$40,040	\$55,340	1,300	1,620	24.6%	63
29-2071	Medical Records & Health Information Technicians	PS	\$33,500	\$26,950	\$36,770	120	150	25.0%	6
29-2081	Opticians, Dispensing	LT OJT	N/A	N/A	N/A	40	50	25.0%	1
31-1014	Nursing Assistants	PS	\$30,400	\$23,760	\$33,720	2,430	2,870	18.1%	90
31-2011	Occupational Therapy Assistants	AD	\$41,600	\$30,310	\$47,240	50	50	0.0%	2
31-2021	Physical Therapist Assistants	AD	\$51,630	\$31,130	\$61,880	200	220	10.0%	6
31-9091	Dental Assistants	PS	\$32,350	\$20,440	\$38,300	580	670	15.5%	20
31-9092	Medical Assistants	PS	\$33,930	\$23,840	\$38,980	360	390	8.3%	10
31-9097	Phlebotomists	PS	\$34,980	\$26,340	\$39,300	70	100	42.9%	4
35-1011	Chefs & Head Cooks	WK EXP	\$55,560	\$36,830	\$64,920	280	310	10.7%	7
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$39,410	\$30,180	\$44,020	890	1,030	15.7%	38
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	20	20	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$32,510	\$19,930	\$38,800	630	700	11.1%	14
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$55,780	\$32,280	\$67,530	1,930	1,930	0.0%	42
41-2021	Counter & Rental Clerks	ST OJT	\$36,870	\$22,000	\$44,310	810	870	7.4%	28
41-3011	Advertising Sales Agents	MT OJT	\$49,280	\$25,170	\$61,340	370	390	5.4%	14
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	N/A	N/A	N/A	1,010	1,100	8.9%	33
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$102,160	\$56,080	\$125,200	1,410	1,620	14.9%	48

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41-4012	Sales Representatives	MT OJT	\$68,190	\$37,950	\$83,310	3,890	4,100	5.4%	97
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$58,110	\$34,380	\$69,970	3,990	4,420	10.8%	138
43-3011	Bill & Account Collectors	MT OJT	\$41,930	\$31,480	\$47,160	570	660	15.8%	24
43-3021	Billing & Posting Clerks	ST OJT	\$36,650	\$27,320	\$41,320	1,380	1,580	14.5%	45
43-3031	Bookkeeping, Accounting & Auditing Clerks	MT OJT	\$39,750	\$27,040	\$46,110	3,540	3,960	11.9%	74
43-4011	Brokerage Clerks	MT OJT	\$43,830	\$32,020	\$49,730	1,020	860	-15.7%	26
43-4051	Customer Service Representatives	ST OJT	\$39,340	\$24,860	\$46,570	5,250	5,690	8.4%	187
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$33,830	\$24,010	\$38,740	120	130	8.3%	7
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	80	80	0.0%	3
43-5032	Dispatchers	MT OJT	\$38,800	\$27,530	\$44,430	290	330	13.8%	12
43-5061	Production, Planning & Expediting Clerks	MT OJT	N/A	N/A	N/A	550	560	1.8%	16
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$35,940	\$24,420	\$41,690	1,510	1,580	4.6%	47
43-6012	Legal Secretaries	MT OJT	\$44,280	\$35,830	\$48,500	380	390	2.6%	5
43-6013	Medical Secretaries	MT OJT	\$36,740	\$29,870	\$40,180	500	610	22.0%	18
43-6014	Secretaries	ST OJT	\$35,710	\$23,580	\$41,770	4,870	5,530	13.6%	126
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$47,280	\$38,060	\$51,890	270	290	7.4%	9
43-9061	Office Clerks, General	ST OJT	\$35,550	\$22,100	\$42,280	5,310	5,720	7.7%	154
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$76,850	\$50,930	\$89,810	1,010	1,220	20.8%	32
47-2021	Brickmasons & Blockmasons	LT OJT	\$50,300	\$34,450	\$58,230	20	30	50.0%	1
47-2031	Carpenters	LT OJT	\$51,870	\$28,500	\$63,560	2,230	2,720	22.0%	76
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$46,090	\$36,010	\$51,130	190	230	21.1%	6
47-2061	Construction Laborers	ST OJT	N/A	N/A	N/A	1,160	1,350	16.4%	44
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$56,470	\$40,560	\$64,430	750	850	13.3%	28
47-2111	Electricians	LT OJT	\$62,950	\$37,990	\$75,430	720	870	20.8%	29
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$47,970	\$36,880	\$53,510	460	570	23.9%	17
47-2211	Sheet Metal Workers	LT OJT	\$40,930	\$34,670	\$44,050	60	60	0.0%	1
47-2221	Structural Iron & Steel Workers	LT OJT	\$84,300	\$80,820	\$86,040	0	0	N/A	0
47-4011	Construction & Building Inspectors	WK EXP	\$52,980	\$37,390	\$60,770	240	270	12.5%	10
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$69,860	\$47,600	\$81,000	610	680	11.5%	23
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$49,950	\$37,220	\$56,320	370	420	13.5%	12
49-3021	Automotive Body & Related Repairers	MT OJT	\$48,280	\$41,510	\$51,660	280	320	14.3%	9
49-3023	Automotive Service Technicians & Mechanics	LT OJT	\$45,050	\$28,320	\$53,410	1,300	1,440	10.8%	47
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$47,970	\$33,120	\$55,400	340	380	11.8%	11
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$51,620	\$41,750	\$56,550	520	610	17.3%	22
49-9041	Industrial Machinery Mechanics	LT OJT	\$52,060	\$41,090	\$57,550	470	590	25.5%	26

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49-9043	Maintenance Workers, Machinery	MT OJT	\$49,130	\$37,320	\$55,030	130	150	15.4%	4
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	130	150	15.4%	7
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$50,620	\$34,460	\$58,690	640	610	-4.7%	16
49-9071	Maintenance & Repair Workers, General	LT OJT	\$42,280	\$26,820	\$50,010	2,480	2,760	11.3%	77
51-1011	Supervisors - Production & Operating Workers	PS+	\$67,070	\$46,990	\$77,110	930	930	0.0%	13
51-2092	Team Assemblers	MT OJT	\$34,370	\$25,620	\$38,740	1,460	1,530	4.8%	30
51-3021	Butchers & Meat Cutters	LT OJT	\$34,430	\$26,630	\$38,330	360	360	0.0%	9
51-3092	Food Batchmakers	MT OJT	\$30,900	\$20,120	\$36,290	80	60	-25.0%	2
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$43,380	\$32,430	\$48,860	250	300	20.0%	12
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic	LT OJT	\$52,880	\$43,160	\$57,730	30	30	0.0%	1
51-4033	Metal & Plastic	MT OJT	\$50,320	\$30,620	\$60,170	100	90	-10.0%	2
51-4041	Machinists	LT OJT	\$48,360	\$34,380	\$55,350	440	520	18.2%	18
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$38,760	\$27,010	\$44,620	90	80	-11.1%	2
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$38,930	\$29,140	\$43,830	540	570	5.6%	17
51-5112	Printing Press Operators	MT OJT	\$42,920	\$33,300	\$47,730	560	530	-5.4%	10
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	150	140	-6.7%	3
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$46,650	\$29,500	\$55,230	290	270	-6.9%	10
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$55,640	\$32,340	\$67,300	720	790	9.7%	23
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$31,740	\$21,490	\$36,870	690	680	-1.4%	16
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$58,250	\$36,770	\$68,990	270	300	11.1%	10
53-3031	Driver/Sales Workers	ST OJT	\$25,510	\$17,160	\$29,690	400	420	5.0%	7
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS+	\$48,500	\$36,200	\$54,650	2,720	3,180	16.9%	89
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$40,340	\$18,930	\$51,050	1,740	1,790	2.9%	32
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$36,800	\$26,370	\$42,020	810	910	12.3%	29

**Educational Attainment Abbreviations:**

Short-term or Moderate-term training (**ST OJT** or **MT OJT**) – basic tasks and skills are learned through a period of on-the-job training. A high school diploma may be required.

Long-term training (**LT OJT**) – a high school diploma and at least one year of on-the-job training or an apprenticeship.

Related work experience (**WK EXP**) – a high school diploma and training gained through hands-on work in a similar occupation.

Postsecondary training (**PS** or **PS+**) – training is gained through a postsecondary training program. Some period of related work experience may be required.

Associate Degree (**AD** or **AD+**) – degree completed after two years of full-time schooling beyond high school. Some period of related work experience may be required.

Bachelor's Degree (**BD** or **BD+**) – degree completed after four years of full-time schooling beyond high school. Some period of related work experience may be required.

Master's Degree (**MD** or **MD+**) – degree completed after two years of full-time schooling beyond a bachelor's degree. Some period of related work experience may be required.

Doctoral (**PhD**) or First Professional Degree (**PROF**) – degree programs requiring 3-6 years of education at the college or university level beyond a four-year bachelor's degree.