

2024 Pennsylvania In-Demand Occupations List

Jobs of...	SOC Code	SOC Title	Educational Attainment	Employment				Wages (2023)		
				Estimated 2022	Projected 2032	Percent Change	Annual Demand	Entry Level	Annual Average	Exper. Level
Today	39-3091	Amusement & Recreation Attendants	ST OJT	12,520	12,910	3.1%	3,588	\$19,890	\$26,800	\$30,200
Today	39-2021	Animal Caretakers	ST OJT	11,560	13,610	17.7%	2,467	\$22,600	\$30,450	\$34,310
Today	39-2011	Animal Trainers	MT OJT	1,910	2,270	18.8%	325	\$33,130	\$41,680	\$45,890
Today	51-3011	Bakers	MT OJT	10,050	10,470	4.2%	1,538	\$24,220	\$33,430	\$37,970
Today	35-3011	Bartenders	ST OJT	25,170	25,600	1.7%	4,380	\$17,960	\$29,030	\$34,480
Today	43-3021	Billing & Posting Clerks	MT OJT	17,870	17,780	-0.5%	1,815	\$34,780	\$45,690	\$51,060
Today	53-3051	Bus Drivers, School	ST OJT	20,610	21,920	6.4%	3,353	\$26,760	\$42,970	\$50,950
Today	41-2011	Cashiers	ST OJT	127,410	117,940	-7.4%	22,739	\$21,830	\$28,160	\$31,280
Today	39-9011	Childcare Workers	ST OJT	45,060	44,850	-0.5%	7,416	\$22,810	\$29,480	\$32,770
Today	53-7061	Cleaners of Vehicles & Equipment	ST OJT	12,860	13,380	4.0%	1,777	\$25,630	\$35,360	\$40,150
Today	51-9161	CNC Tool Operators	MT OJT	11,770	10,960	-6.9%	945	\$38,810	\$53,920	\$61,360
Today	21-1094	Community Health Workers	ST OJT	2,200	2,480	12.7%	258	\$37,810	\$50,180	\$56,260
Today	47-2061	Construction Laborers	ST OJT	48,830	51,190	4.8%	4,488	\$36,870	\$52,290	\$59,880
Today	35-2011	Cooks, Fast Food	ST OJT	9,880	8,460	-14.4%	1,230	\$19,950	\$26,100	\$29,120
Today	35-2012	Cooks, Institution & Cafeteria	ST OJT	14,610	14,910	2.1%	2,239	\$27,730	\$35,750	\$39,700
Today	35-2014	Cooks, Restaurant	MT OJT	47,000	56,390	20.0%	8,680	\$24,610	\$32,560	\$36,480
Today	33-3012	Correctional Officers & Jailers	MT OJT	16,380	15,280	-6.7%	1,256	\$46,130	\$61,410	\$68,940
Today	41-2021	Counter & Rental Clerks	ST OJT	9,570	9,750	1.9%	1,137	\$27,190	\$39,800	\$46,010
Today	33-9091	Crossing Guards & Flaggers	ST OJT	7,620	7,900	3.7%	1,755	\$28,280	\$37,580	\$42,170
Today	43-4051	Customer Service Representatives	ST OJT	121,440	114,830	-5.4%	15,206	\$31,240	\$45,130	\$51,960
Today	35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	13,210	13,840	4.8%	2,576	\$19,800	\$27,770	\$31,690
Today	35-9021	Dishwashers	ST OJT	18,010	17,670	-1.9%	3,036	\$21,470	\$27,810	\$30,930
Today	53-3031	Driver/Sales Workers	ST OJT	16,900	17,760	5.1%	1,886	\$19,340	\$37,520	\$46,480
Today	51-2028	Elec. & Electromechanical Assemblers	MT OJT	15,410	15,810	2.6%	1,686	\$33,420	\$41,560	\$45,570
Today	43-4061	Eligibility Interviewers, Government Programs	MT OJT	8,460	8,750	3.4%	772	\$44,680	\$55,390	\$60,670
Today	39-9031	Exercise Trainers & Group Fitness Instructors	ST OJT	10,990	12,160	10.6%	2,239	\$28,750	\$46,990	\$55,970
Today	45-2092	Farmworkers & Laborers: Crop, Nursery & Greenhouse	ST OJT	24,470	24,260	-0.9%	3,565	\$20,970	\$33,460	\$39,610
Today	45-2093	Farmworkers: Farm, Ranch & Aquacultural Animals	ST OJT	13,150	12,700	-3.4%	1,856	\$25,570	\$38,550	\$44,950
Today	35-3023	Fast Food & Counter Workers	ST OJT	162,780	165,070	1.4%	37,652	\$20,940	\$27,450	\$30,660
Today	51-3092	Food Batchmakers	MT OJT	8,060	8,640	7.2%	1,297	\$28,130	\$41,410	\$47,950
Today	35-2021	Food Preparation Workers	ST OJT	21,670	20,900	-3.6%	3,705	\$21,120	\$29,300	\$33,320
Today	35-3041	Food Servers, Nonrestaurant	ST OJT	13,520	13,950	3.2%	2,287	\$25,040	\$31,480	\$34,660
Today	51-9198	Helpers--Production Workers	ST OJT	12,870	11,710	-9.0%	1,798	\$31,000	\$40,750	\$45,550
Today	47-4051	Highway Maintenance Workers	MT OJT	10,700	11,660	9.0%	1,092	\$35,790	\$49,180	\$55,770
Today	31-1120	Home Health & Personal Care Aides	ST OJT	188,340	217,220	15.3%	32,639	\$25,670	\$30,580	\$33,010
Today	35-9031	Hosts & Hostesses, Restaurant/Lounge/Coffee Shop	ST OJT	16,630	16,630	0.0%	4,178	\$19,640	\$27,980	\$32,090
Today	43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	7,810	7,710	-1.3%	1,224	\$24,800	\$31,030	\$34,100
Today	53-7051	Industrial Truck & Tractor Operators	ST OJT	35,050	35,060	0.0%	3,364	\$38,450	\$46,510	\$50,470
Today	51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	22,670	21,700	-4.3%	2,432	\$35,280	\$49,600	\$56,660
Today	43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	8,680	8,170	-5.9%	708	\$36,700	\$49,110	\$55,220
Today	41-3021	Insurance Sales Agents	MT OJT	18,860	20,020	6.2%	1,650	\$38,630	\$72,300	\$88,890
Today	37-2011	Janitors & Cleaners	ST OJT	96,220	97,660	1.5%	13,635	\$27,000	\$35,860	\$40,220
Today	53-7062	Laborers & Freight/Stock/Material Movers	ST OJT	150,410	156,080	3.8%	20,336	\$31,990	\$41,130	\$45,630
Today	37-3011	Landscaping & Groundskeeping Workers	ST OJT	43,500	44,860	3.1%	5,763	\$28,590	\$38,590	\$43,520

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Today	51-6011	Laundry & Dry-Cleaning Workers	ST OJT	5,340	5,330	-0.2%	719	\$25,960	\$31,940	\$34,890
Today	43-4121	Library Assistants, Clerical	ST OJT	4,450	4,570	2.7%	794	\$21,080	\$30,420	\$35,020
Today	33-9092	Lifeguards, Ski Patrol & Other Protective Service Workers	ST OJT	5,550	5,880	5.9%	1,708	\$22,370	\$28,470	\$31,470
Today	53-3033	Light Truck Drivers	ST OJT	45,480	47,780	5.1%	5,072	\$26,000	\$42,610	\$50,790
Today	37-2012	Maids & Housekeeping Cleaners	ST OJT	44,620	44,980	0.8%	6,381	\$26,120	\$32,340	\$35,410
Today	49-9071	Maintenance & Repair Workers, General	MT OJT	61,470	63,780	3.8%	5,847	\$32,690	\$48,970	\$56,980
Today	43-6013	Medical Secretaries & Administrative Assistants	MT OJT	25,010	26,440	5.7%	2,810	\$33,400	\$41,320	\$45,230
Today	51-2090	Misc. Assemblers & Fabricators	MT OJT	54,680	50,460	-7.7%	5,131	\$31,160	\$41,500	\$46,590
Today	51-4081	Multiple Machine Tool Setters/Oprs/Tenders	MT OJT	11,260	11,410	1.3%	1,105	\$35,880	\$45,700	\$50,530
Today	43-9061	Office Clerks, General	ST OJT	149,060	139,740	-6.3%	16,283	\$29,570	\$43,230	\$49,950
Today	47-2073	Operating Engineers	MT OJT	23,760	24,540	3.3%	2,095	\$42,570	\$60,010	\$68,610
Today	51-9111	Packaging & Filling Machine Oprs/Tenders	MT OJT	20,020	20,770	3.7%	2,248	\$33,190	\$43,670	\$48,830
Today	53-7064	Packers & Packagers	ST OJT	30,500	31,290	2.6%	4,487	\$29,740	\$37,790	\$41,750
Today	47-2141	Painters, Construction & Maintenance	MT OJT	10,090	10,380	2.9%	815	\$36,990	\$51,570	\$58,760
Today	41-2022	Parts Salespersons	MT OJT	10,460	10,530	0.7%	1,227	\$28,880	\$40,150	\$45,700
Today	29-2052	Pharmacy Technicians	MT OJT	20,180	21,430	6.2%	1,987	\$31,350	\$39,250	\$43,140
Today	33-3051	Police & Sheriff's Patrol Officers	MT OJT	25,640	26,540	3.5%	2,070	\$55,260	\$81,690	\$94,700
Today	43-5052	Postal Service Mail Carriers	ST OJT	13,230	13,350	0.9%	1,005	\$42,780	\$58,900	\$66,840
Today	51-5112	Printing Press Operators	MT OJT	8,180	7,720	-5.6%	794	\$31,490	\$45,070	\$51,760
Today	43-5061	Production, Planning & Expediting Clerks	MT OJT	11,330	11,670	3.0%	1,198	\$37,510	\$53,820	\$61,850
Today	41-9022	Real Estate Sales Agents	MT OJT	12,370	12,840	3.8%	1,092	\$31,670	\$60,590	\$74,830
Today	43-4171	Receptionists & Information Clerks	ST OJT	37,050	36,490	-1.5%	4,827	\$25,290	\$34,410	\$38,900
Today	39-9032	Recreation Workers	ST OJT	11,190	11,590	3.6%	2,363	\$24,600	\$34,560	\$39,470
Today	39-9041	Residential Advisors	ST OJT	5,230	5,450	4.2%	943	\$29,620	\$38,640	\$43,080
Today	41-2031	Retail Salespersons	ST OJT	155,820	154,420	-0.9%	22,324	\$23,360	\$34,410	\$39,840
Today	41-4012	Sales Representatives	MT OJT	59,230	60,180	1.6%	5,344	\$44,570	\$89,330	\$111,380
Today	41-3091	Sales Representatives - Services	MT OJT	33,780	34,930	3.4%	3,322	\$38,520	\$76,810	\$95,660
Today	43-6014	Secretaries & Administrative Assistants	ST OJT	94,300	83,250	-11.7%	8,735	\$31,340	\$43,000	\$48,750
Today	33-9032	Security Guards	ST OJT	41,350	40,960	-0.9%	5,400	\$27,920	\$37,380	\$42,040
Today	39-5093	Shampooers	ST OJT	1,410	1,580	12.1%	261	\$19,390	\$24,730	\$27,360
Today	43-5071	Shipping, Receiving & Inventory Clerks	ST OJT	31,460	28,840	-8.3%	2,776	\$32,580	\$43,190	\$48,420
Today	53-3053	Shuttle Drivers & Chauffeurs	ST OJT	11,130	12,000	7.8%	1,659	\$24,340	\$35,390	\$40,830
Today	21-1093	Social & Human Service Assistants	ST OJT	19,580	20,780	6.1%	2,163	\$32,460	\$43,550	\$49,010
Today	53-7065	Stockers & Order Fillers	ST OJT	101,890	109,260	7.2%	17,641	\$27,700	\$37,170	\$41,840
Today	53-3054	Taxi Drivers	ST OJT	4,420	5,360	21.3%	573	\$23,080	\$34,340	\$39,890
Today	43-3071	Tellers	ST OJT	20,560	17,780	-13.5%	1,670	\$30,900	\$37,270	\$40,400
Today	39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	4,110	4,200	2.2%	1,220	\$20,050	\$26,790	\$30,110
Today	31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	4,200	4,770	13.6%	920	\$29,060	\$36,570	\$40,270
Today	35-3031	Waiters & Waitresses	ST OJT	79,160	76,360	-3.5%	15,805	\$19,630	\$33,890	\$40,910
Today	51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	17,220	17,640	2.4%	1,724	\$39,860	\$52,030	\$58,020
Tomorrow	27-2021	Athletes & Sports Competitors	LT OJT	810	910	12.3%	111	\$36,330	\$75,750	\$95,160
Tomorrow	49-3023	Automotive Service Technicians & Mechanics	PS	35,970	36,780	2.3%	3,142	\$33,390	\$50,380	\$58,750
Tomorrow	43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	65,690	61,710	-6.1%	6,980	\$32,830	\$47,730	\$55,060
Tomorrow	49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	13,810	14,000	1.4%	1,164	\$41,070	\$56,210	\$63,670

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Tomorrow	47-2031	Carpenters	LT OJT	37,440	37,940	1.3%	3,136	\$39,770	\$59,860	\$69,750
Tomorrow	13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	13,230	12,640	-4.5%	803	\$46,980	\$73,820	\$87,040
Tomorrow	51-9162	CNC Tool Programmers	PS+	980	1,150	17.3%	112	\$48,250	\$64,130	\$71,950
Tomorrow	15-1232	Computer User Support Specialists	PS+	29,560	31,190	5.5%	2,156	\$38,740	\$60,140	\$70,690
Tomorrow	31-9091	Dental Assistants	PS	10,720	11,070	3.3%	1,526	\$37,190	\$47,770	\$52,980
Tomorrow	29-2032	Diagnostic Medical Sonographers	AD	3,190	3,590	12.5%	212	\$66,420	\$82,760	\$90,810
Tomorrow	47-2111	Electricians	LT OJT	22,620	24,200	7.0%	2,198	\$46,240	\$73,100	\$86,330
Tomorrow	43-6011	Executive Secretaries & Administrative Assistants	WK EXP	13,050	10,340	-20.8%	916	\$49,040	\$68,120	\$77,520
Tomorrow	11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	32,710	30,700	-6.1%	3,070	\$72,770	\$87,810	\$95,220
Tomorrow	11-9051	Food Service Managers	WK EXP	9,630	9,570	-0.6%	1,052	\$48,830	\$69,540	\$79,750
Tomorrow	39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	37,200	40,650	9.3%	5,589	\$21,420	\$38,070	\$46,280
Tomorrow	29-9021	Health Information Technologists & Medical Registrars	AD	1,130	1,310	15.9%	91	\$43,780	\$71,420	\$85,040
Tomorrow	49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	18,910	19,970	5.6%	1,719	\$41,050	\$58,920	\$67,730
Tomorrow	53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	93,810	97,180	3.6%	10,255	\$43,300	\$56,530	\$63,050
Tomorrow	49-9041	Industrial Machinery Mechanics	LT OJT	18,720	21,940	17.2%	1,886	\$45,120	\$61,370	\$69,380
Tomorrow	29-2061	Licensed Practical & Licensed Vocational Nurses	PS	34,410	36,560	6.2%	2,899	\$47,920	\$58,800	\$64,160
Tomorrow	51-4041	Machinists	LT OJT	12,930	13,360	3.3%	1,315	\$39,660	\$53,910	\$60,920
Tomorrow	39-5092	Manicurists & Pedicurists	PS	8,880	9,730	9.6%	1,162	\$20,480	\$27,750	\$31,330
Tomorrow	31-9011	Massage Therapists	PS	4,110	4,840	17.8%	672	\$41,080	\$59,580	\$68,690
Tomorrow	31-9092	Medical Assistants	PS	27,920	31,740	13.7%	4,179	\$34,670	\$42,090	\$45,750
Tomorrow	49-9062	Medical Equipment Repairers	AD+	2,280	2,560	12.3%	247	\$38,950	\$61,910	\$73,230
Tomorrow	31-1131	Nursing Assistants	PS	75,670	78,720	4.0%	11,232	\$34,120	\$39,780	\$42,560
Tomorrow	31-2011	Occupational Therapy Assistants	AD	2,180	2,700	23.9%	386	\$47,110	\$60,280	\$66,760
Tomorrow	29-2057	Ophthalmic Medical Technicians	PS	1,640	1,850	12.8%	206	\$33,890	\$42,240	\$46,360
Tomorrow	23-2011	Paralegals & Legal Assistants	AD	11,000	11,530	4.8%	1,192	\$44,280	\$65,940	\$76,600
Tomorrow	31-2021	Physical Therapist Assistants	AD	4,990	6,280	25.9%	892	\$46,430	\$59,640	\$66,150
Tomorrow	47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	16,220	16,680	2.8%	1,446	\$45,890	\$69,670	\$81,380
Tomorrow	25-2011	Preschool Teachers	AD	17,890	18,260	2.1%	1,930	\$27,230	\$36,350	\$40,850
Tomorrow	29-1126	Respiratory Therapists	AD	5,160	5,790	12.2%	332	\$60,180	\$74,930	\$82,190
Tomorrow	25-3021	Self-Enrichment Teachers	WK EXP	12,780	13,150	2.9%	1,582	\$26,750	\$44,240	\$52,860
Tomorrow	47-1011	Supervisors - Construction & Extraction Workers	WK EXP	28,850	29,680	2.9%	2,386	\$55,540	\$82,580	\$95,900
Tomorrow	35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	39,450	41,040	4.0%	6,039	\$29,710	\$42,020	\$48,090
Tomorrow	37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	7,580	7,840	3.4%	909	\$33,750	\$48,440	\$55,680
Tomorrow	49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	22,630	23,240	2.7%	1,942	\$49,940	\$76,130	\$89,040
Tomorrow	41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	12,560	12,350	-1.7%	981	\$55,430	\$94,460	\$113,680
Tomorrow	43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	69,240	65,780	-5.0%	6,097	\$43,970	\$65,900	\$76,710
Tomorrow	39-1022	Supervisors - Personal Service Workers	WK EXP	11,330	12,290	8.5%	1,362	\$33,730	\$48,870	\$56,320
Tomorrow	51-1011	Supervisors - Production & Operating Workers	WK EXP	27,810	28,190	1.4%	2,628	\$48,310	\$72,330	\$84,150
Tomorrow	41-1011	Supervisors - Retail Sales Workers	WK EXP	51,250	48,870	-4.6%	4,667	\$32,450	\$49,880	\$58,470
Tomorrow	53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	23,870	24,910	4.4%	2,526	\$42,060	\$63,090	\$73,440
Tomorrow	25-9045	Teaching Assistants, Non-Postsecondary	PS	47,830	47,490	-0.7%	5,500	\$25,410	\$33,460	\$37,430
Tomorrow	25-3041	Tutors	PS	5,080	5,300	4.3%	897	\$25,640	\$43,320	\$52,020
Tomorrow	29-2056	Veterinary Technologists & Technicians	AD	5,300	6,020	13.6%	584	\$33,590	\$44,250	\$49,500
Future	13-2011	Accountants & Auditors	BD	58,830	61,420	4.4%	4,836	\$51,010	\$83,760	\$99,880

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Future	15-2011	Actuaries	BD+	2,060	2,470	19.9%	148	\$77,160	\$138,850	\$169,230
Future	29-9091	Athletic Trainers	MD	1,900	2,150	13.2%	147	\$43,990	\$56,780	\$63,080
Future	13-1020	Buyers & Purchasing Agents	BD+	17,980	16,690	-7.2%	1,430	\$46,100	\$73,810	\$87,450
Future	25-2023	Career/Technical Education Teachers, Middle School	BD+	360	360	0.0%	24	\$55,740	\$82,350	\$95,460
Future	25-2032	Career/Technical Education Teachers, Secondary School	BD+	3,080	3,080	0.0%	187	\$56,850	\$77,470	\$87,630
Future	21-1021	Child, Family & School Social Workers	BD	21,400	22,360	4.5%	1,756	\$38,830	\$54,160	\$61,710
Future	17-2051	Civil Engineers	BD	11,910	12,590	5.7%	784	\$67,390	\$97,070	\$111,690
Future	21-2011	Clergy	BD+	14,870	14,870	0.0%	1,209	\$36,180	\$55,820	\$65,500
Future	29-2010	Clinical Laboratory Techs	BD	14,060	14,510	3.2%	951	\$41,240	\$60,940	\$70,650
Future	27-2022	Coaches & Scouts	BD	10,040	10,910	8.7%	1,392	\$27,250	\$59,240	\$74,990
Future	13-1041	Compliance Officers	BD+	14,200	14,800	4.2%	1,160	\$49,500	\$76,550	\$89,870
Future	11-3021	Computer & Information Systems Managers	BD+	18,950	21,590	13.9%	1,558	\$104,110	\$159,730	\$187,130
Future	15-1211	Computer Systems Analysts	BD	21,840	23,860	9.2%	1,533	\$60,990	\$93,040	\$108,820
Future	11-9021	Construction Managers	BD+	15,270	15,960	4.5%	1,167	\$74,010	\$115,790	\$136,370
Future	13-1051	Cost Estimators	BD+	9,990	9,720	-2.7%	779	\$51,120	\$79,490	\$93,460
Future	15-2051	Data Scientists	BD	3,810	5,060	32.8%	388	\$60,280	\$102,370	\$123,090
Future	21-2021	Directors, Religious Activities & Education	BD+	10,000	9,910	-0.9%	944	\$29,330	\$51,690	\$62,710
Future	25-2021	Elementary School Teachers	BD	54,510	54,870	0.7%	3,670	\$52,140	\$73,100	\$83,430
Future	29-1128	Exercise Physiologists	BD	1,240	1,390	12.1%	93	\$45,070	\$55,140	\$60,100
Future	13-2051	Financial & Investment Analysts	BD	12,180	12,950	6.3%	861	\$56,190	\$94,400	\$113,220
Future	13-2061	Financial Examiners	BD+	1,720	2,040	18.6%	163	\$52,390	\$93,090	\$113,140
Future	11-3031	Financial Managers	BD+	25,890	29,980	15.8%	2,269	\$88,590	\$157,290	\$191,120
Future	11-1021	General & Operations Managers	BD+	128,890	134,210	4.1%	10,874	\$54,780	\$121,610	\$154,530
Future	27-1024	Graphic Designers	BD	10,920	11,370	4.1%	933	\$37,580	\$57,800	\$67,760
Future	25-1071	Health Specialties Teachers, Postsecondary	DOCT	10,410	12,170	16.9%	1,055	\$61,150	\$118,760	\$147,140
Future	13-1071	Human Resources Specialists	BD	31,400	32,960	5.0%	2,786	\$43,010	\$68,470	\$81,020
Future	17-2112	Industrial Engineers	BD	11,960	13,430	12.3%	841	\$64,230	\$92,200	\$105,970
Future	15-1212	Information Security Analysts	BD+	4,470	5,720	28.0%	423	\$66,680	\$112,850	\$135,590
Future	23-1011	Lawyers	DOCT	30,680	33,170	8.1%	1,471	\$75,280	\$159,290	\$200,670
Future	13-2072	Loan Officers	BD+	10,090	10,320	2.3%	710	\$42,180	\$75,140	\$91,380
Future	13-1081	Logisticians	BD	8,420	10,070	19.6%	896	\$51,990	\$79,830	\$93,550
Future	13-1111	Management Analysts	BD+	32,190	35,080	9.0%	2,995	\$61,250	\$98,460	\$116,790
Future	13-1161	Market Research Analysts & Marketing Specialists	BD	30,660	34,410	12.2%	3,286	\$39,140	\$68,220	\$82,540
Future	11-2021	Marketing Managers	BD+	10,550	11,160	5.8%	907	\$81,050	\$144,380	\$175,560
Future	17-2141	Mechanical Engineers	BD	17,710	19,620	10.8%	1,202	\$68,780	\$105,570	\$123,690
Future	11-9111	Medical & Health Services Managers	BD+	17,770	22,610	27.2%	1,881	\$74,700	\$125,860	\$151,060
Future	25-2022	Middle School Teachers	BD	21,900	22,090	0.9%	1,480	\$48,410	\$74,370	\$87,150
Future	29-1171	Nurse Practitioners	MD	8,010	11,430	42.7%	773	\$99,640	\$127,450	\$141,150
Future	25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	4,110	4,790	16.5%	414	\$53,830	\$85,540	\$101,170
Future	19-5011	Occupational Health & Safety Specialists	BD	4,230	4,790	13.2%	529	\$55,960	\$81,140	\$93,540
Future	29-1122	Occupational Therapists	MD	7,220	8,060	11.6%	498	\$69,960	\$92,870	\$104,160
Future	15-2031	Operations Research Analysts	BD	3,110	3,800	22.2%	276	\$49,530	\$82,110	\$98,160
Future	13-2052	Personal Financial Advisors	BD+	12,830	14,210	10.8%	969	\$64,290	\$174,890	\$229,360
Future	29-1123	Physical Therapists	DOCT	12,280	14,130	15.1%	694	\$74,340	\$98,970	\$111,110

2024 Pennsylvania In-Demand Occupations List

Jobs of...	SOC Code	SOC Title	Educational Attainment	Employment				Wages (2023)		
				Estimated 2022	Projected 2032	Percent Change	Annual Demand	Entry Level	Annual Average	Exper. Level
Future	29-1071	Physician Assistants	MD	7,240	9,290	28.3%	612	\$89,220	\$119,760	\$134,800
Future	13-1082	Project Management Specialists	BD	29,040	30,620	5.4%	2,214	\$60,730	\$98,410	\$116,970
Future	29-1141	Registered Nurses	BD	148,790	155,810	4.7%	8,890	\$67,520	\$87,530	\$97,380
Future	11-2022	Sales Managers	BD+	11,390	11,870	4.2%	890	\$76,620	\$145,160	\$178,910
Future	41-4011	Sales Representatives, Technical & Scientific Products	BD+	7,810	8,180	4.7%	740	\$58,480	\$111,550	\$137,690
Future	25-2031	Secondary School Teachers	BD	50,140	50,640	1.0%	3,137	\$54,410	\$75,710	\$86,200
Future	41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	13,290	14,180	6.7%	1,093	\$44,080	\$85,860	\$106,430
Future	15-1252	Software Developers	BD	44,860	53,670	19.6%	3,488	\$76,170	\$117,110	\$137,270
Future	15-1253	Software Quality Assurance Analysts & Testers	BD	5,980	7,100	18.7%	511	\$61,320	\$93,720	\$109,680
Future	25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	5,470	5,470	0.0%	363	\$53,940	\$74,360	\$84,420
Future	25-2057	Special Education Teachers, Middle School	BD	2,850	2,850	0.0%	190	\$53,070	\$79,160	\$92,020
Future	25-2051	Special Education Teachers, Preschool	BD	640	650	1.6%	44	\$47,680	\$66,720	\$76,090
Future	25-2058	Special Education Teachers, Secondary School	BD	8,610	8,630	0.2%	576	\$49,970	\$71,730	\$82,440
Future	29-1127	Speech-Language Pathologists	MD+	5,670	6,680	17.8%	427	\$61,090	\$88,790	\$102,440
Future	15-2041	Statisticians	MD	2,590	3,380	30.5%	255	\$57,210	\$96,810	\$116,310
Future	21-1018	Substance Abuse, Behavioral Disorder & MH Counselors	BD	23,410	26,960	15.2%	2,423	\$38,930	\$56,090	\$64,550
Future	25-3031	Substitute Teachers, Short-Term	BD	6,380	6,640	4.1%	802	\$28,330	\$44,590	\$52,600
Future	13-1151	Training & Development Specialists	BD+	13,220	14,070	6.4%	1,214	\$42,660	\$73,340	\$88,450
Future	29-1131	Veterinarians	DOCT	3,490	3,970	13.8%	170	\$77,990	\$123,000	\$145,170
Future	15-1255	Web & Digital Interface Designers	BD	3,720	4,240	14.0%	331	\$47,330	\$86,820	\$106,270
Future	15-1254	Web Developers	BD	3,550	4,160	17.2%	298	\$51,690	\$103,540	\$129,080

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.