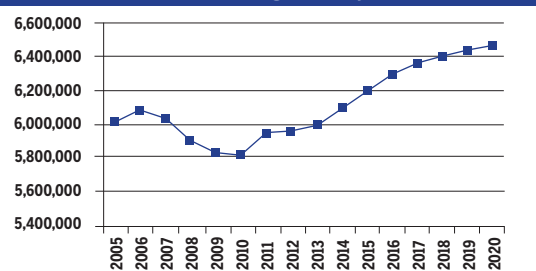


PENNSYLVANIA
2010-2020 Total Job Openings 2,154,000

PA TOTAL JOBS, excluding military



OCCUPATION	2010 jobs	2020 jobs	Growth rate (%)
Managerial and Professional Office	713,690	825,660	16
STEM	233,680	258,610	11
Social Sciences	31,860	37,070	16
Community Services and Arts	264,540	302,770	14
Education	348,760	401,720	15
Healthcare Professional and Technical	309,930	347,480	12
Healthcare Support	188,190	229,700	22
Food and Personal Services	898,610	1,032,210	15
Sales and Office Support	1,592,530	1,723,290	8
Blue Collar	1,230,320	1,314,850	7
TOTAL	5,812,110	6,473,340	11

INDUSTRY	2010 jobs	2020 jobs	Growth rate (%)
Agriculture, Forestry, Fishing and Hunting	75,960	78,990	4
Mining, Quarrying, and Oil and Gas Extraction	34,410	48,710	42
Utilities	18,620	18,320	-2
Construction	293,050	325,280	11
Manufacturing	486,350	482,300	-1
Wholesale Trade	200,400	221,310	10
Retail Trade	623,290	650,730	4
Transportation and Warehousing	233,880	254,350	9
Information	89,970	95,990	7
Finance and Insurance	328,350	387,140	18
Real Estate and Rental and Leasing	205,420	251,400	22
Professional, Scientific, and Technical Services	378,820	424,910	12
Management of Companies and Enterprises	101,760	110,780	9
Administrative and Support and Waste Management and Remediation Services	291,500	339,910	17
Educational Services	229,770	282,720	23
Healthcare and Social Assistance	817,520	935,530	14
Arts, Entertainment, and Recreation	125,100	186,180	49
Accommodation and Food Services	363,460	407,550	12
Other Services (except Public Administration)	288,750	314,500	9
Government	625,770	656,740	5
TOTAL	5,812,110	6,473,340	11

JOB OPENINGS BY OCCUPATION AND EDUCATION LEVEL (IN THOUSANDS)

OCCUPATION	Less than high school	High school diploma	Some college/ no degree	Associate's degree	Bachelor's degree	Master's degree or better
Managerial and Professional Office	5	38	36	23	115	58
STEM	0	6	11	10	38	20
Social Sciences	0	0	0	1	1	11
Community Services and Arts	1	10	10	9	47	24
Education	0	5	5	5	42	76
Healthcare Professional and Technical	0	9	16	23	32	37
Healthcare Support	3	32	22	11	5	1
Food and Personal Services	39	157	69	32	39	8
Sales and Office Support	17	202	138	63	130	24
Blue Collar	47	254	78	33	22	3
TOTAL	112	713	387	209	471	262

RECOVERY:



2020 TOTAL JOBS BY OCCUPATION AND EDUCATION LEVEL

OCCUPATION	Less than high school	High school diploma	Some college/ no degree	Associate's degree	Bachelor's degree	Master's degree or better
Managerial and Professional Office:						
Management	11,770	75,090	64,040	33,970	151,740	83,310
Business operations	620	23,670	26,590	14,970	70,310	30,240
Financial services	1,970	12,170	14,610	13,440	117,210	30,860
Legal	160	2,230	3,200	5,400	7,450	30,670
STEM :						
Computers & mathematical sciences	110	8,090	22,870	13,910	56,940	26,420
Architecture	-	1,260	2,030	6,370	6,840	1,740
Engineering	200	5,670	7,790	7,750	37,700	17,030
Life & physical sciences	240	3,250	1,430	1,970	13,380	15,780
Social Sciences	-	-	-	2,040	3,070	31,820
Community Services and Arts:						
Community & social services	1,710	9,300	10,350	6,800	54,730	44,330
Arts, design, entertainment, sports & media	1,070	20,090	19,980	20,370	85,260	28,770
Education, Training & Library	960	16,000	15,240	14,380	127,100	228,040
Healthcare Professional & Technical	580	27,990	48,760	69,180	95,380	109,840
Healthcare Support	10,050	96,300	66,880	32,710	15,690	3,820
Food and Personal Services:						
Food preparation & serving related	65,300	200,620	90,860	53,800	42,470	5,900
Building and grounds cleaning & maintenance	32,140	128,080	34,760	11,110	13,020	1,860
Personal care & services	16,090	107,440	50,000	18,700	38,820	9,530
Protective services	2,570	34,860	32,100	13,580	23,390	5,230
Sales and Office Support:						
Sales & related	29,550	246,570	176,140	76,970	250,080	48,710
Office & administrative support	20,410	360,200	239,080	111,850	140,210	23,530
Blue Collar:						
Farming, fishing & forestry	8,860	9,230	2,010	1,000	1,650	150
Construction & extraction	35,120	170,320	50,400	20,380	9,430	2,970
Installation, maintenance & repair	16,860	126,130	55,550	29,370	12,680	1,500
Production	39,650	212,370	61,820	26,520	23,980	3,160
Transportation & material moving	41,390	245,140	65,680	20,600	18,620	2,290

