

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 02

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	311,230	336,900	25,670	8%	75,520	106,500	\$32,924	NA
11-0000	Management Occupations	14,670	16,700	2,030	14%	2,770	4,870	\$78,784	NA
11-1000	<i>Top Executives</i>	5,530	6,140	610	11%	1,030	1,650	NA	NA
11-1011	Chief Executives	1,160	1,350	190	16%	220	410	\$143,561	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	4,170	4,600	430	10%	790	1,220	\$89,083	Work experience plus bachelor's or higher degree
11-1031	Legislators	200	190	-10	-5%	30	30	\$18,577	NA
11-2000	<i>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</i>	980	1,190	210	21%	180	390	NA	NA
11-2011	Advertising and Promotions Managers	70	80	10	14%	10	20	\$61,021	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	270	330	60	22%	50	110	\$81,963	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	580	720	140	24%	110	250	\$90,834	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	60	70	10	17%	10	20	\$55,220	Work experience plus bachelor's or higher degree
11-3000	<i>Operations Specialties Managers</i>	3,010	3,510	500	17%	540	1,040	NA	NA
11-3011	Administrative Services Managers	280	320	40	14%	60	90	\$52,843	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	390	510	120	31%	70	190	\$76,752	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	700	810	110	16%	100	220	\$79,061	Work experience plus bachelor's or higher degree
11-3040	Human Resources Managers	270	310	40	15%	50	90	NA	NA
11-3051	Industrial Production Managers	910	1,040	130	14%	180	310	\$67,760	Bachelor's degree
11-3061	Purchasing Managers	330	350	20	6%	70	100	\$68,809	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	140	160	20	14%	30	60	\$61,875	Work experience in a related occupation
11-9000	<i>Other Management Occupations</i>	5,150	5,870	720	14%	1,010	1,790	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	180	210	30	17%	30	50	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	770	710	-60	-8%	140	140	\$80,148	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	80	10	14%	20	30	\$46,201	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	340	470	130	38%	80	210	\$73,447	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	260	380	120	46%	70	180	\$57,955	Work experience plus bachelor's or higher degree
11-9039	Education Administrators, All Other	30	40	10	33%	10	20	NA	NA
11-9041	Engineering Managers	670	790	120	18%	130	250	\$76,909	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	620	620	0	0%	100	100	\$38,160	Work experience in a related occupation
11-9061	Funeral Directors	100	100	0	0%	30	30	\$49,364	Associate degree
11-9081	Lodging Managers	50	50	0	0%	10	10	\$42,537	Work experience in a related occupation
11-9111	Medical and Health Services Managers	470	600	130	28%	90	220	\$66,122	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	30	30	0	0%	10	10	\$75,195	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	\$52,740	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	570	730	160	28%	110	270	\$38,925	Bachelor's degree
11-9151	Social and Community Service Managers	180	220	40	22%	30	80	\$39,458	Bachelor's degree
11-9199	Managers, All Other	750	790	40	5%	150	190	\$64,136	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	8,420	9,720	1,300	15%	1,600	2,970	\$49,443	NA
13-1000	<i>Business Operations Specialists</i>	4,970	5,850	880	18%	980	1,870	NA	NA
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	40	40	0	0%	10	10	NA	Work experience plus bachelor's or higher degree
13-1021	Purchasing Agents and Buyers, Farm Products	40	40	0	0%	20	20	\$45,781	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	280	-20	-7%	80	80	\$37,479	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,060	1,260	200	19%	260	460	\$48,834	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	140	130	-10	-7%	20	20	\$36,938	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0%	0	0	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	270	320	50	19%	60	110	\$49,403	Long-term on-the-job training
13-1051	Cost Estimators	490	520	30	6%	110	150	\$47,891	Bachelor's degree
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	\$32,182	Work experience in a related occupation
13-1071	Employment, Recruitment, and Placement Specialists	310	330	20	6%	50	70	\$37,677	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	150	190	40	27%	20	60	\$41,485	Bachelor's degree
13-1073	Training and Development Specialists	330	400	70	21%	50	130	\$38,539	Bachelor's degree
13-1111	Management Analysts	450	520	70	16%	60	140	\$75,622	Work experience plus bachelor's or higher degree
13-1121	Meeting and Convention Planners	50	60	10	20%	10	20	\$30,084	Bachelor's degree
13-1199	Business Operations Specialists, All Other	1,330	1,720	390	29%	230	610	\$55,345	Bachelor's degree
13-2000	Financial Specialists	3,450	3,870	420	12%	620	1,100	NA	NA
13-2011	Accountants and Auditors	1,910	2,250	340	18%	360	700	\$56,403	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	270	300	30	11%	60	90	\$27,775	Postsecondary vocational training
13-2031	Budget Analysts	80	100	20	25%	10	30	NA	Bachelor's degree
13-2041	Credit Analysts	80	80	0	0%	10	20	\$49,177	Bachelor's degree
13-2051	Financial Analysts	60	60	0	0%	10	10	\$59,610	Bachelor's degree
13-2052	Personal Financial Advisors	220	260	40	18%	30	60	\$60,529	Bachelor's degree
13-2053	Insurance Underwriters	30	30	0	0%	10	10	\$51,613	Bachelor's degree
13-2061	Financial Examiners	20	10	-10	-50%	0	0	\$51,192	Bachelor's degree
13-2071	Loan Counselors	30	30	0	0%	0	0	\$33,050	Bachelor's degree
13-2072	Loan Officers	440	390	-50	-11%	70	70	\$54,935	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	70	80	10	14%	20	30	NA	Bachelor's degree
13-2082	Tax Preparers	140	160	20	14%	20	50	\$28,715	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	120	120	0	0%	20	20	\$45,864	Bachelor's degree
15-0000	Computer and Mathematical Occupations	3,090	3,750	660	21%	430	1,080	\$46,636	NA
15-1000	Computer Specialists	3,060	3,710	650	21%	420	1,070	NA	NA
15-1021	Computer Programmers	590	620	30	5%	140	170	\$58,119	Bachelor's degree
15-1031	Computer Software Engineers, Applications	250	310	60	24%	30	80	\$66,221	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	150	200	50	33%	20	70	\$62,711	Bachelor's degree
15-1041	Computer Support Specialists	760	930	170	22%	90	260	\$30,586	Associate degree
15-1051	Computer Systems Analysts	470	580	110	23%	50	160	\$54,112	Bachelor's degree
15-1061	Database Administrators	180	230	50	28%	20	70	\$48,187	Bachelor's degree
15-1071	Network and Computer Systems Administrators	370	470	100	27%	40	140	\$52,187	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	150	210	60	40%	20	70	\$50,299	Bachelor's degree
15-1099	Computer Specialists, All Other	130	170	40	31%	20	50	\$41,924	Postsecondary vocational training
15-2000	Mathematical Scientists	30	40	10	33%	10	10	NA	NA
15-2031	Operations Research Analysts	20	20	0	0%	0	10	\$64,320	Master's degree
17-0000	Architecture and Engineering Occupations	5,630	6,360	730	13%	1,310	2,060	\$50,281	NA
17-1000	Architects, Surveyors, and Cartographers	280	310	30	11%	50	80	NA	NA
17-1011	Architects, Except Landscape and Naval	190	220	30	16%	20	50	\$52,016	Bachelor's degree
17-1012	Landscape Architects	20	20	0	0%	0	0	NA	Bachelor's degree
17-1022	Surveyors	60	60	0	0%	20	20	\$40,960	Bachelor's degree
17-2000	Engineers	3,220	3,660	440	14%	750	1,210	NA	NA
17-2031	Biomedical Engineers	70	120	50	71%	10	60	\$60,470	Bachelor's degree
17-2041	Chemical Engineers	60	50	-10	-17%	20	20	\$69,226	Bachelor's degree
17-2051	Civil Engineers	160	170	10	6%	30	40	\$54,033	Bachelor's degree
17-2071	Electrical Engineers	430	510	80	19%	80	160	NA	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	170	200	30	18%	30	60	\$62,343	Bachelor's degree
17-2081	Environmental Engineers	70	90	20	29%	10	30	\$59,300	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	60	70	10	17%	10	20	\$55,029	Bachelor's degree
17-2112	Industrial Engineers	880	1,060	180	20%	210	390	\$54,937	Bachelor's degree
17-2131	Materials Engineers	60	60	0	0%	20	20	\$69,550	Bachelor's degree
17-2141	Mechanical Engineers	1,010	1,020	10	1%	280	280	\$61,216	Bachelor's degree
17-2199	Engineers, All Other	240	310	70	29%	50	120	NA	Bachelor's degree

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		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	2,130	2,390	260	12%	510	770	NA NA	
17-3011	Architectural and Civil Drafters	130	130	0	0%	40	40	\$36,264	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	80	80	0	0%	20	20	\$37,252	Postsecondary vocational training
17-3013	Mechanical Drafters	450	500	50	11%	130	180	\$38,258	Postsecondary vocational training
17-3021	Aerospace Engineering and Operations Technicians	20	20	0	0%	0	0	\$43,915	NA
17-3022	Civil Engineering Technicians	160	160	0	0%	30	40	\$38,241	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	370	420	50	14%	80	130	\$38,951	Associate degree
17-3024	Electro-Mechanical Technicians	170	200	30	18%	40	60	NA	Associate degree
17-3025	Environmental Engineering Technicians	40	60	20	50%	10	30	\$36,151	Associate degree
17-3026	Industrial Engineering Technicians	220	240	20	9%	50	70	\$38,212	Associate degree
17-3027	Mechanical Engineering Technicians	250	280	30	12%	50	80	\$41,218	Associate degree
17-3031	Surveying and Mapping Technicians	60	70	10	17%	20	40	\$30,522	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	180	230	50	28%	40	90	NA NA	
19-0000	Life, Physical, and Social Science Occupations	1,800	2,140	340	19%	430	810	\$47,288	NA
19-1000	<i>Life Scientists</i>	190	220	30	16%	40	90	NA NA	
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	10	NA NA	
19-1021	Biochemists and Biophysicists	30	20	-10	-33%	10	10	NA	Doctoral degree
19-1032	Foresters	20	20	0	0%	10	10	\$47,631	Bachelor's degree
19-1099	Life Scientists, All Other	90	130	40	44%	20	50	NA	Bachelor's degree
19-2000	<i>Physical Scientists</i>	310	340	30	10%	80	130	NA NA	
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	NA NA	
19-2031	Chemists	150	130	-20	-13%	50	50	\$58,964	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	70	100	30	43%	10	30	\$37,208	Bachelor's degree
19-2099	Physical Scientists, All Other	50	70	20	40%	10	30	NA	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	540	640	100	19%	130	230	NA NA	
19-3021	Market Research Analysts	210	250	40	19%	60	90	\$53,133	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	230	290	60	26%	50	110	\$49,658	Master's degree
19-3051	Urban and Regional Planners	30	30	0	0%	10	10	\$40,468	Master's degree
19-3099	Social Scientists and Related Workers, All Other	40	50	10	25%	10	20	NA	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	760	940	180	24%	170	350	NA NA	
19-4021	Biological Technicians	110	100	-10	-9%	20	20	\$36,374	Associate degree
19-4031	Chemical Technicians	110	110	0	0%	30	30	\$37,379	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	30	40	10	33%	10	20	\$24,270	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	510	680	170	33%	120	290	\$31,144	Associate degree
21-0000	Community and Social Services Occupations	2,620	3,350	730	28%	500	1,230	\$32,064	NA
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	2,180	2,810	630	29%	420	1,050	NA NA	
21-1011	Substance Abuse and Behavioral Disorder Counselors	50	50	0	0%	10	20	\$33,915	Master's degree
21-1012	Educational, Vocational, and School Counselors	330	420	90	27%	80	170	\$46,021	Master's degree
21-1013	Marriage and Family Therapists	30	40	10	33%	10	20	\$54,618	Master's degree
21-1014	Mental Health Counselors	130	160	30	23%	30	60	\$31,826	Master's degree
21-1015	Rehabilitation Counselors	140	180	40	29%	30	70	\$31,749	Master's degree
21-1021	Child, Family, and School Social Workers	480	570	90	19%	80	170	\$30,885	Bachelor's degree
21-1022	Medical and Public Health Social Workers	170	210	40	24%	30	70	\$36,453	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	130	170	40	31%	20	60	\$29,869	Master's degree
21-1091	Health Educators	80	100	20	25%	10	30	\$28,589	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	230	250	20	9%	40	60	\$31,206	Bachelor's degree
21-1093	Social and Human Service Assistants	420	670	250	60%	70	320	\$24,160	Moderate-term on-the-job training
21-2000	<i>Religious Workers</i>	50	50	0	0%	10	10	NA NA	
21-2011	Clergy	50	50	0	0%	10	10	\$35,640	Master's degree
21-9000	<i>Miscellaneous Counselors, Social, & Religious Workers</i>	380	480	100	26%	70	170	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	380	480	100	26%	70	170	NA NA	
23-0000	Legal Occupations	1,290	1,400	110	9%	140	280	\$55,700	NA

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23-1000	Lawyers, Judges, and Related Workers	620	700	80	13%	80	160	NA NA	
23-1011	Lawyers	540	610	70	13%	70	140	\$84,190	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	70	70	0	0%	10	10	\$64,488	Work experience plus bachelor's or higher degree
23-2000	Legal Support Workers	640	670	30	5%	60	120	NA NA	
23-2011	Paralegals and Legal Assistants	430	480	50	12%	40	90	\$38,667	Associate degree
23-2091	Court Reporters	60	60	0	0%	10	10	\$33,409	Postsecondary vocational training
23-2092	Law Clerks	30	30	0	0%	0	0	\$35,131	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	130	100	-30	-23%	10	10	\$32,434	Moderate-term on-the-job training
23-9000	Miscellaneous Legal & Related Workers	30	30	0	0%	0	10	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	30	30	0	0%	0	10	NA NA	
25-0000	Education, Training, and Library Occupations	14,860	20,610	5,750	39%	3,180	8,950	\$36,701	NA
25-1000	Postsecondary Teachers	3,190	5,070	1,880	59%	720	2,600	NA NA	
25-1011	Business Teachers, Postsecondary	240	380	140	58%	50	200	\$56,423	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	40	70	30	75%	10	30	\$46,617	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	170	270	100	59%	40	140	\$50,250	Doctoral degree
25-1031	Architecture Teachers, Postsecondary	20	40	20	100%	10	20	NA	Doctoral degree
25-1032	Engineering Teachers, Postsecondary	150	230	80	53%	30	120	NA	Doctoral degree
25-1041	Agricultural Sciences Teachers, Postsecondary	250	390	140	56%	60	200	NA NA	
25-1042	Biological Science Teachers, Postsecondary	130	210	80	62%	30	110	\$55,532	Doctoral degree
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	20	30	10	50%	0	10	NA	Doctoral degree
25-1052	Chemistry Teachers, Postsecondary	90	140	50	56%	20	70	\$52,249	Doctoral degree
25-1054	Physics Teachers, Postsecondary	60	90	30	50%	10	50	\$53,987	Doctoral degree
25-1061	Anthropology and Archeology Teachers, Postsecondary	30	50	20	67%	10	20	NA	Doctoral degree
25-1063	Economics Teachers, Postsecondary	40	70	30	75%	10	30	NA	Doctoral degree
25-1065	Political Science Teachers, Postsecondary	40	70	30	75%	10	30	\$54,525	Doctoral degree
25-1066	Psychology Teachers, Postsecondary	120	190	70	58%	30	100	\$49,194	Doctoral degree
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	\$49,198	Doctoral degree
25-1071	Health Specialties Teachers, Postsecondary	110	180	70	64%	30	100	\$58,935	Doctoral degree
25-1072	Nursing Instructors and Teachers, Postsecondary	110	170	60	55%	30	90	\$44,011	Master's degree
25-1081	Education Teachers, Postsecondary	310	490	180	58%	70	260	\$41,458	Doctoral degree
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	40	20	100%	10	20	\$37,015	Doctoral degree
25-1112	Law Teachers, Postsecondary	30	50	20	67%	10	30	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	150	250	100	67%	30	130	NA	Doctoral degree
25-1122	Communications Teachers, Postsecondary	60	90	30	50%	10	50	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	240	380	140	58%	50	200	\$45,244	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	30	50	20	67%	10	30	NA	Doctoral degree
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	50	\$53,022	Doctoral degree
25-1126	Philosophy and Religion Teachers, Postsecondary	60	110	50	83%	10	60	\$53,768	Doctoral degree
25-1192	Home Economics Teachers, Postsecondary	30	50	20	67%	10	30	NA	Doctoral degree
25-1194	Vocational Education Teachers, Postsecondary	160	250	90	56%	40	120	\$25,177	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	310	490	180	58%	70	250	NA	Doctoral degree
25-2000	Primary, Secondary, and Special Education School Teachers	7,290	9,490	2,200	30%	1,640	3,870	NA NA	
25-2011	Preschool Teachers, Except Special Education	530	510	-20	-4%	60	60	\$24,885	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	290	410	120	41%	40	150	\$40,097	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	2,960	3,900	940	32%	650	1,590	\$42,793	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	1,120	1,400	280	25%	250	530	\$44,144	Bachelor's degree
25-2023	Vocational Education Teachers, Middle School	70	90	20	29%	20	30	NA NA	
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,650	2,240	590	36%	470	1,060	\$45,447	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	150	190	40	27%	40	80	\$52,416	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	280	410	130	46%	70	200	\$41,029	Bachelor's degree
25-2042	Special Education Teachers, Middle School	110	160	50	45%	30	80	\$42,759	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	120	170	50	42%	30	80	\$43,434	Bachelor's degree
25-3000	Other Teachers and Instructors	1,030	1,490	460	45%	130	590	NA NA	
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	150	200	50	33%	20	70	\$33,225	Bachelor's degree

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25-3021	Self-Enrichment Education Teachers	230	310	80	35%	30	110	\$33,266	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	650	980	330	51%	80	410	NA NA	
25-4000	<i>Librarians, Curators, and Archivists</i>	470	570	100	21%	140	250	NA NA	
25-4010	Archivists, Curators, and Museum Technicians	80	100	20	25%	20	40	NA NA	
25-4021	Librarians	170	200	30	18%	40	70	\$45,798	Master's degree
25-4031	Library Technicians	220	280	60	27%	80	140	\$21,772	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	2,890	3,990	1,100	38%	550	1,650	NA NA	
25-9031	Instructional Coordinators	120	180	60	50%	20	70	\$47,011	Master's degree
25-9041	Teacher Assistants	2,720	3,750	1,030	38%	530	1,560	\$19,117	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	20	30	10	50%	0	10	NA NA	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	3,260	3,650	390	12%	610	1,070	\$30,441	NA
27-1000	<i>Art and Design Workers</i>	1,100	1,190	90	8%	160	290	NA NA	
27-1011	Art Directors	20	20	0	0%	0	10	\$49,316	Work experience plus bachelor's or higher degree
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	30	40	10	33%	10	20	NA	Long-term on-the-job training
27-1014	Multi-Media Artists and Animators	90	100	10	11%	20	30	\$37,867	Bachelor's degree
27-1021	Commercial and Industrial Designers	180	220	40	22%	20	60	\$46,848	Bachelor's degree
27-1023	Floral Designers	230	200	-30	-13%	30	30	\$19,529	Moderate-term on-the-job training
27-1024	Graphic Designers	270	320	50	19%	40	80	\$37,472	Bachelor's degree
27-1025	Interior Designers	120	130	10	8%	20	30	\$32,459	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	50	50	0	0%	10	10	\$26,868	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	110	120	10	9%	20	30	NA NA	
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	680	800	120	18%	130	260	NA NA	
27-2012	Producers and Directors	150	160	10	7%	20	40	\$39,874	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	320	410	90	28%	60	150	\$27,651	Long-term on-the-job training
27-2023	Umpires, Referees, and Other Sports Officials	20	20	0	0%	0	10	NA	Long-term on-the-job training
27-2041	Music Directors and Composers	20	20	0	0%	0	10	NA	Work experience plus bachelor's or higher degree
27-2042	Musicians and Singers	140	150	10	7%	30	40	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	1,020	1,140	120	12%	210	370	NA NA	
27-3010	Announcers	130	100	-30	-23%	30	30	NA NA	
27-3020	News Analysts, Reporters and Correspondents	190	190	0	0%	50	50	NA NA	
27-3031	Public Relations Specialists	310	410	100	32%	40	150	\$36,617	Bachelor's degree
27-3041	Editors	200	220	20	10%	50	70	\$37,099	Bachelor's degree
27-3042	Technical Writers	80	110	30	38%	20	50	\$40,278	Bachelor's degree
27-3043	Writers and Authors	90	90	0	0%	20	20	\$32,945	Bachelor's degree
27-4000	<i>Media and Communication Equipment Workers</i>	450	510	60	13%	100	160	NA NA	
27-4011	Audio and Video Equipment Technicians	50	60	10	20%	10	20	NA	Long-term on-the-job training
27-4012	Broadcast Technicians	80	90	10	13%	20	30	NA	Postsecondary vocational training
27-4021	Photographers	210	240	30	14%	40	70	\$29,442	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	70	70	0	0%	20	20	NA	Moderate-term on-the-job training
27-4032	Film and Video Editors	30	30	0	0%	10	10	NA	Bachelor's degree
27-4099	Media and Communication Equipment Workers, All Other	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	12,320	15,220	2,900	24%	2,320	5,230	\$52,498	NA
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	6,840	8,620	1,780	26%	1,370	3,150	NA NA	
29-1011	Chiropractors	100	120	20	20%	20	40	\$147,182	First professional degree
29-1020	Dentists	320	310	-10	-3%	50	50	NA NA	
29-1031	Dietitians and Nutritionists	110	120	10	9%	30	40	\$45,918	Bachelor's degree
29-1041	Optometrists	110	130	20	18%	30	50	\$96,494	First professional degree
29-1051	Pharmacists	500	580	80	16%	100	180	\$81,106	First professional degree
29-1061	Anesthesiologists	70	80	10	14%	10	20	NA	First professional degree
29-1062	Family and General Practitioners	130	150	20	15%	20	40	\$143,684	First professional degree
29-1063	Internists, General	30	30	0	0%	0	10	NA	First professional degree
29-1064	Obstetricians and Gynecologists	50	60	10	20%	10	10	NA	First professional degree
29-1066	Psychiatrists	40	50	10	25%	10	20	\$144,838	First professional degree

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
29-1067	Surgeons	210	240	30	14%	30	60	NA	First professional degree
29-1069	Physicians and Surgeons, All Other	70	80	10	14%	10	20	NA	NA
29-1071	Physician Assistants	40	60	20	50%	10	20	\$51,957	Bachelor's degree
29-1081	Podiatrists	30	30	0	0%	10	10	\$127,648	First professional degree
29-1111	Registered Nurses	4,040	5,240	1,200	30%	850	2,040	\$47,595	Associate degree
29-1121	Audiologists	50	60	10	20%	10	20	\$61,369	Master's degree
29-1122	Occupational Therapists	160	220	60	38%	20	80	\$54,248	Bachelor's degree
29-1123	Physical Therapists	220	290	70	32%	20	100	\$67,060	Master's degree
29-1124	Radiation Therapists	20	20	0	0%	0	10	\$52,723	Associate degree
29-1125	Recreational Therapists	50	50	0	0%	10	10	\$26,660	Bachelor's degree
29-1126	Respiratory Therapists	180	260	80	44%	60	130	\$41,607	Associate degree
29-1127	Speech-Language Pathologists	150	210	60	40%	40	100	\$54,665	Master's degree
29-1131	Veterinarians	90	120	30	33%	20	50	\$111,018	First professional degree
29-1199	Health Diagnosing and Treating Practitioners, All Other	90	110	20	22%	20	40	NA	First professional degree
29-2000	<i>Health Technologists and Technicians</i>	5,150	6,180	1,030	20%	890	1,920	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	290	310	20	7%	80	100	\$41,534	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	380	380	0	0%	100	110	\$28,293	Associate degree
29-2021	Dental Hygienists	430	580	150	35%	40	190	\$52,976	Associate degree
29-2031	Cardiovascular Technologists and Technicians	70	90	20	29%	10	40	\$37,029	Associate degree
29-2032	Diagnostic Medical Sonographers	80	100	20	25%	20	30	\$47,645	Associate degree
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	\$49,555	NA
29-2034	Radiologic Technologists and Technicians	390	460	70	18%	70	150	\$40,871	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	370	390	20	5%	40	70	\$24,694	Postsecondary vocational training
29-2051	Dietetic Technicians	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	500	590	90	18%	70	160	\$23,674	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	280	290	10	4%	40	50	\$20,475	Postsecondary vocational training
29-2054	Respiratory Therapy Technicians	60	80	20	33%	10	30	NA	Postsecondary vocational training
29-2055	Surgical Technologists	230	300	70	30%	30	110	\$35,763	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	160	250	90	56%	20	110	\$22,650	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	1,250	1,400	150	12%	270	420	\$33,290	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	500	730	230	46%	70	300	\$25,257	Associate degree
29-2081	Opticians, Dispensing	100	120	20	20%	20	40	\$21,972	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	50	40	-10	-20%	10	10	\$81,031	Bachelor's degree
29-9000	<i>Other Healthcare Practitioners and Technical Occupations</i>	90	100	10	11%	20	30	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	60	60	0	0%	10	20	NA	NA
29-9091	Athletic Trainers	30	40	10	33%	10	10	NA	Bachelor's degree
29-9100	<i>Other Health Practitioners And Technical Workers</i>	240	330	90	38%	40	130	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	240	330	90	38%	40	130	NA	NA
31-0000	Healthcare Support Occupations	5,500	6,850	1,350	25%	900	2,250	\$22,385	NA
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	3,070	3,680	610	20%	400	1,010	NA	NA
31-1011	Home Health Aides	570	710	140	25%	80	220	\$22,250	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	2,500	2,970	470	19%	330	790	\$19,690	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>	220	330	110	50%	40	140	NA	NA
31-2011	Occupational Therapist Assistants	40	60	20	50%	10	30	\$33,783	Associate degree
31-2021	Physical Therapist Assistants	120	180	60	50%	20	80	\$38,297	Associate degree
31-2022	Physical Therapist Aides	50	80	30	60%	10	30	\$24,691	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>	2,210	2,840	630	29%	460	1,100	NA	NA
31-9011	Massage Therapists	160	220	60	38%	30	90	\$24,267	Postsecondary vocational training
31-9091	Dental Assistants	520	710	190	37%	150	340	\$28,651	Moderate-term on-the-job training
31-9092	Medical Assistants	620	860	240	39%	110	360	\$23,490	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	80	90	10	13%	10	30	\$24,360	Short-term on-the-job training
31-9094	Medical Transcriptionists	290	330	40	14%	50	100	\$25,406	Postsecondary vocational training
31-9095	Pharmacy Aides	160	150	-10	-6%	30	30	\$18,066	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	190	240	50	26%	30	90	\$15,163	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	210	250	40	19%	40	80	\$23,222	Short-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
33-0000	Protective Service Occupations	4,030	4,420	390	10%	1,140	1,540	\$29,097 NA	
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>	310	330	20	6%	90	120	NA NA	
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	70	10	17%	20	20	NA	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	60	\$47,656	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	30	0	0%	10	20	\$44,870	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	90	90	0	0%	20	20	\$32,832	Work experience in a related occupation
33-2000	<i>Fire Fighting and Prevention Workers</i>	490	570	80	16%	140	220	NA NA	
33-2011	Fire Fighters	420	500	80	19%	120	200	\$33,557	Long-term on-the-job training
33-2021	Fire Inspectors and Investigators	70	70	0	0%	20	20	NA	Work experience in a related occupation
33-3000	<i>Law Enforcement Workers</i>	1,370	1,580	210	15%	340	550	NA NA	
33-3011	Bailiffs	30	30	0	0%	10	10	NA NA	
33-3012	Correctional Officers and Jailers	290	310	20	7%	60	80	\$29,468	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	110	120	10	9%	30	40	\$41,178	Work experience in a related occupation
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	NA	Long-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	930	1,100	170	18%	240	410	\$37,346	Long-term on-the-job training
33-9000	<i>Other Protective Service Workers</i>	1,850	1,940	90	5%	560	650	NA NA	
33-9021	Private Detectives and Investigators	190	210	20	11%	40	60	\$28,646	Work experience in a related occupation
33-9032	Security Guards	1,280	1,280	0	0%	280	280	\$20,384	Short-term on-the-job training
33-9091	Crossing Guards	70	80	10	14%	20	30	\$16,742	NA
33-9099	Protective Service Workers, All Other	310	360	50	16%	210	270	\$22,950	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	21,540	22,760	1,220	6%	8,480	10,010	\$16,421 NA	
35-1000	<i>Supervisors, Food Preparation and Serving Workers</i>	2,090	2,150	60	3%	520	570	NA NA	
35-1011	Chefs and Head Cooks	310	320	10	3%	90	110	\$29,187	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	1,780	1,820	40	2%	420	470	\$24,560	Work experience in a related occupation
35-2000	<i>Cooks and Food Preparation Workers</i>	6,380	6,660	280	4%	2,060	2,550	NA NA	
35-2011	Cooks, Fast Food	1,620	1,410	-210	-13%	500	500	\$14,611	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	830	860	30	4%	260	290	\$20,038	Long-term on-the-job training
35-2014	Cooks, Restaurant	1,110	1,250	140	13%	340	490	\$19,068	Long-term on-the-job training
35-2015	Cooks, Short Order	920	920	0	0%	290	290	\$16,934	Short-term on-the-job training
35-2021	Food Preparation Workers	1,900	2,220	320	17%	670	990	\$17,601	Short-term on-the-job training
35-3000	<i>Food and Beverage Serving Workers</i>	10,490	11,130	640	6%	5,050	5,780	NA NA	
35-3011	Bartenders	1,240	1,190	-50	-4%	490	490	\$15,479	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,030	3,990	-40	-1%	1,750	1,750	\$14,496	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,250	1,390	140	11%	820	960	\$14,777	Short-term on-the-job training
35-3031	Waiters and Waitresses	3,730	4,280	550	15%	1,920	2,470	\$14,697	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	240	280	40	17%	80	120	\$15,461	Short-term on-the-job training
35-9000	<i>Other Food Preparation and Serving Related Workers</i>	2,580	2,830	250	10%	850	1,100	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	770	70	10%	240	300	\$14,811	Short-term on-the-job training
35-9021	Dishwashers	1,100	1,150	50	5%	370	430	\$14,242	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	640	740	100	16%	200	300	\$15,537	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	140	170	30	21%	50	80	\$16,656	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	8,820	9,360	540	6%	1,750	2,400	\$22,374 NA	
37-1000	<i>Supervisors, Building and Grounds Cleaning and Maintenance Workers</i>	750	810	60	8%	140	190	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	460	500	40	9%	110	150	\$32,277	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	300	310	10	3%	30	40	\$36,839	Work experience in a related occupation
37-2000	<i>Building Cleaning and Pest Control Workers</i>	6,150	6,670	520	8%	1,200	1,750	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,280	4,830	550	13%	810	1,360	\$22,397	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	1,770	1,760	-10	-1%	370	370	\$16,193	Short-term on-the-job training
37-2021	Pest Control Workers	90	70	-20	-22%	10	10	\$25,716	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
37-3000	Grounds Maintenance Workers	1,920	1,880	-40	-2%	420	450	NA NA	
37-3011	Landscaping and Groundskeeping Workers	1,570	1,600	30	2%	340	380	\$21,579	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	250	190	-60	-24%	50	50	\$33,493	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	40	40	0	0%	10	10	NA	Short-term on-the-job training
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OE)	60	50	-10	-17%	10	10	NA NA	
39-0000	Personal Care and Service Occupations	6,270	7,010	740	12%	1,460	2,230	\$20,274	NA
39-1000	Supervisors, Personal Care and Service Workers	390	400	10	3%	100	100	NA NA	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	390	390	0	0%	100	100	\$29,474	Work experience in a related occupation
39-2000	Animal Care and Service Workers	210	200	-10	-5%	50	50	NA NA	
39-2021	Nonfarm Animal Caretakers	200	190	-10	-5%	50	50	\$17,965	Short-term on-the-job training
39-3000	Entertainment Attendants and Related Workers	550	640	90	16%	220	310	NA NA	
39-3031	Ushers, Lobby Attendants, and Ticket Takers	210	240	30	14%	120	150	\$15,451	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	230	270	40	17%	70	110	\$15,808	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	\$17,568	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	70	90	20	29%	20	40	NA NA	
39-4000	Funeral Service Workers	70	80	10	14%	20	20	NA NA	
39-4011	Embalmers	20	20	0	0%	10	10	\$44,627	NA
39-4021	Funeral Attendants	50	50	0	0%	10	20	\$18,879	Short-term on-the-job training
39-5000	Personal Appearance Workers	1,850	2,110	260	14%	360	610	NA NA	
39-5011	Barbers	40	40	0	0%	10	10	\$24,784	Postsecondary vocational training
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,750	1,980	230	13%	340	570	\$19,157	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	40	50	10	25%	10	20	\$16,633	Postsecondary vocational training
39-5094	Skin Care Specialists	20	30	10	50%	10	10	\$14,737	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	60	180	120	200%	20	130	NA NA	
39-6011	Baggage Porters and Bellhops	40	130	90	225%	10	100	NA	Short-term on-the-job training
39-9000	Other Personal Care and Service Workers	3,140	3,420	280	9%	700	990	NA NA	
39-9011	Child Care Workers	1,430	1,420	-10	-1%	390	390	\$17,653	Short-term on-the-job training
39-9021	Personal and Home Care Aides	1,110	1,310	200	18%	180	370	\$19,605	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	320	360	40	13%	70	120	\$22,807	Postsecondary vocational training
39-9032	Recreation Workers	240	270	30	13%	50	90	\$19,666	Bachelor's degree
39-9041	Residential Advisors	30	40	10	33%	10	20	\$19,623	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	28,960	29,610	650	2%	9,520	10,590	\$30,116	NA
41-1000	Supervisors, Sales Workers	4,630	4,490	-140	-3%	840	840	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,340	3,240	-100	-3%	600	600	\$36,180	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,290	1,260	-30	-2%	240	240	\$62,675	Work experience in a related occupation
41-2000	Retail Sales Workers	16,210	16,470	260	2%	6,750	7,040	NA NA	
41-2011	Cashiers	7,030	7,180	150	2%	3,420	3,570	\$16,220	Short-term on-the-job training
41-2021	Counter and Rental Clerks	1,300	1,430	130	10%	500	630	\$17,142	Short-term on-the-job training
41-2022	Parts Salespersons	430	410	-20	-5%	120	120	\$27,992	Moderate-term on-the-job training
41-2031	Retail Salespersons	7,450	7,460	10	0%	2,710	2,710	\$21,332	Short-term on-the-job training
41-3000	Sales Representatives, Services	1,400	1,220	-180	-13%	280	290	NA NA	
41-3011	Advertising Sales Agents	260	270	10	4%	50	50	\$36,346	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	680	580	-100	-15%	160	160	\$47,433	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	310	260	-50	-16%	40	40	\$74,714	Bachelor's degree
41-3041	Travel Agents	160	120	-40	-25%	40	40	\$24,506	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	4,540	5,200	660	15%	1,190	1,850	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	610	680	70	11%	160	230	\$53,600	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	3,930	4,510	580	15%	1,030	1,620	\$52,924	Moderate-term on-the-job training

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
41-9000	<i>Other Sales and Related Workers</i>	2,190	2,220	30	1%	450	580	NA NA	
41-9011	Demonstrators and Product Promoters	160	190	30	19%	40	70	\$29,509	Moderate-term on-the-job training
41-9021	Real Estate Brokers	130	130	0	0%	30	30	\$90,978	Work experience in a related occupation
41-9022	Real Estate Sales Agents	790	750	-40	-5%	160	160	\$68,340	Postsecondary vocational training
41-9031	Sales Engineers	220	240	20	9%	70	90	\$68,300	Bachelor's degree
41-9041	Telemarketers	100	80	-20	-20%	20	20	\$25,608	Short-term on-the-job training
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Wo	80	60	-20	-25%	20	20	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	710	780	70	10%	140	200	\$31,758	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	44,180	44,220	40	0%	10,310	12,240	\$26,545	NA
43-1000	<i>Supervisors, Office and Administrative Support Workers</i>	2,940	3,000	60	2%	630	690	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wo	2,940	3,000	60	2%	630	690	\$40,124	Work experience in a related occupation
43-2000	<i>Communications Equipment Operators</i>	510	470	-40	-8%	130	130	NA NA	
43-2011	Switchboard Operators, Including Answering Service	480	450	-30	-6%	120	120	\$21,322	Short-term on-the-job training
43-2021	Telephone Operators	20	10	-10	-50%	10	10	\$20,464	Short-term on-the-job training
43-3000	<i>Financial Clerks</i>	7,340	7,090	-250	-3%	1,770	1,840	NA NA	
43-3011	Bill and Account Collectors	490	560	70	14%	90	160	\$28,403	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	1,200	1,200	0	0%	200	200	\$26,651	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,790	3,600	-190	-5%	710	710	\$26,611	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	530	530	0	0%	140	140	\$28,890	Short-term on-the-job training
43-3061	Procurement Clerks	120	110	-10	-8%	30	30	\$29,818	Short-term on-the-job training
43-3071	Tellers	1,210	1,090	-120	-10%	600	600	\$19,597	Short-term on-the-job training
43-4000	<i>Information and Record Clerks</i>	8,980	9,920	940	10%	1,950	3,170	NA NA	
43-4011	Brokerage Clerks	40	20	-20	-50%	10	10	\$38,358	Moderate-term on-the-job training
43-4021	Correspondence Clerks	30	30	0	0%	10	10	\$29,581	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	\$26,671	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	50	40	-10	-20%	10	10	\$30,518	Short-term on-the-job training
43-4051	Customer Service Representatives	3,260	3,530	270	8%	490	750	\$31,065	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	\$26,726	Moderate-term on-the-job training
43-4071	File Clerks	330	290	-40	-12%	100	100	\$20,579	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	340	340	0	0%	150	150	\$15,698	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	380	510	130	34%	100	230	\$23,532	Short-term on-the-job training
43-4121	Library Assistants, Clerical	290	370	80	28%	120	190	NA	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	240	160	-80	-33%	30	30	\$27,436	Short-term on-the-job training
43-4141	New Accounts Clerks	130	110	-20	-15%	30	30	\$22,742	Work experience in a related occupation
43-4151	Order Clerks	750	660	-90	-12%	170	170	\$25,139	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	340	400	60	18%	70	140	\$31,840	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	2,290	2,800	510	22%	560	1,070	\$20,276	Short-term on-the-job training
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	210	140	200%	20	160	NA	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	290	330	40	14%	50	80	NA NA	
43-5000	<i>Material Recording, Scheduling, Dispatching, and Distributing Workers</i>	9,850	9,440	-410	-4%	2,840	3,060	NA NA	
43-5011	Cargo and Freight Agents	70	60	-10	-14%	20	20	\$38,116	Moderate-term on-the-job training
43-5021	Couriers and Messengers	230	180	-50	-22%	50	50	\$21,054	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	160	170	10	6%	30	50	\$29,536	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	340	330	-10	-3%	70	70	\$34,060	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	70	50	-20	-29%	20	20	\$25,437	NA
43-5051	Postal Service Clerks	150	140	-10	-7%	40	40	\$41,950	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	700	650	-50	-7%	220	220	\$42,848	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	320	270	-50	-16%	80	80	\$39,323	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	980	1,170	190	19%	240	430	\$34,320	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	2,740	2,740	0	0%	560	570	\$25,206	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	3,960	3,510	-450	-11%	1,460	1,460	\$20,757	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	150	160	10	7%	40	50	\$25,377	Short-term on-the-job training
43-6000	<i>Secretaries and Administrative Assistants</i>	7,630	7,510	-120	-2%	1,460	1,630	NA NA	
43-6011	Executive Secretaries and Administrative Assistants	2,940	3,020	80	3%	560	640	\$32,499	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
43-6012	Legal Secretaries	240	250	10	4%	50	60	\$28,203	Postsecondary vocational training
43-6013	Medical Secretaries	680	760	80	12%	130	210	\$25,439	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	3,770	3,480	-290	-8%	720	720	\$24,865	Moderate-term on-the-job training
43-9000	<i>Other Office and Administrative Support Workers</i>	6,940	6,790	-150	-2%	1,530	1,720	NA NA	
43-9011	Computer Operators	220	170	-50	-23%	50	50	\$28,577	Moderate-term on-the-job training
43-9021	Data Entry Keyers	430	370	-60	-14%	100	100	\$23,116	Moderate-term on-the-job training
43-9022	Word Processors and Typists	410	230	-180	-44%	90	90	\$22,806	Moderate-term on-the-job training
43-9031	Desktop Publishers	70	90	20	29%	20	30	\$25,462	Postsecondary vocational training
43-9041	Insurance Claims and Policy Processing Clerks	210	180	-30	-14%	30	30	\$26,787	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	90	80	-10	-11%	30	30	\$21,535	Short-term on-the-job training
43-9061	Office Clerks, General	5,220	5,380	160	3%	1,160	1,320	\$22,069	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	60	50	-10	-17%	10	10	\$20,676	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	50	40	-10	-20%	10	10	\$23,043	Short-term on-the-job training
43-9111	Statistical Assistants	20	20	0	0%	0	0	\$36,605	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	180	180	0	0%	40	40	NA NA	
45-0000	Farming, Fishing, and Forestry Occupations	850	870	20	2%	230	270	\$21,931	NA
45-1000	<i>Supervisors, Farming, Fishing, and Forestry Workers</i>	40	50	10	25%	10	20	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	\$34,900	Work experience in a related occupation
45-2000	<i>Agricultural Workers</i>	690	710	20	3%	190	220	NA NA	
45-2011	Agricultural Inspectors	20	30	10	50%	10	20	\$35,426	Work experience in a related occupation
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	60	70	10	17%	20	30	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	530	530	0	0%	150	150	\$19,695	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	0%	10	20	\$17,499	Moderate-term on-the-job training
45-4000	<i>Forest, Conservation, and Logging Workers</i>	40	40	0	0%	10	10	NA NA	
45-4021	Fallers	20	20	0	0%	0	0	\$25,018	Moderate-term on-the-job training
45-9000	<i>Other Farming, Fishing, and Forestry Workers</i>	70	80	10	14%	20	30	NA NA	
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	70	80	10	14%	20	30	NA NA	
47-0000	Construction and Extraction Occupations	15,940	16,190	250	2%	3,080	3,690	\$39,370	NA
47-1000	<i>Supervisors, Construction and Extraction Workers</i>	1,390	1,430	40	3%	240	270	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,390	1,430	40	3%	240	270	\$52,387	Work experience in a related occupation
47-2000	<i>Construction Trades Workers</i>	12,810	12,960	150	1%	2,380	2,830	NA NA	
47-2011	Boilermakers	70	60	-10	-14%	30	30	NA	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	300	320	20	7%	50	60	\$46,784	Long-term on-the-job training
47-2022	Stonemasons	70	80	10	14%	10	20	NA	Long-term on-the-job training
47-2031	Carpenters	3,910	3,910	0	0%	640	640	\$35,826	Long-term on-the-job training
47-2041	Carpet Installers	360	370	10	3%	60	70	NA	Moderate-term on-the-job training
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	100	120	20	20%	20	40	\$29,967	Moderate-term on-the-job training
47-2043	Floor Sanders and Finishers	40	40	0	0%	10	10	NA	Moderate-term on-the-job training
47-2044	Tile and Marble Setters	40	40	0	0%	10	10	\$52,486	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	610	640	30	5%	120	150	\$36,113	Long-term on-the-job training
47-2061	Construction Laborers	1,030	990	-40	-4%	140	140	\$33,873	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	60	10	20%	10	10	NA	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	720	770	50	7%	190	240	\$48,035	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	180	180	0	0%	40	40	NA	Moderate-term on-the-job training
47-2082	Tapers	110	110	0	0%	20	30	NA	Moderate-term on-the-job training
47-2111	Electricians	1,480	1,670	190	13%	290	480	\$42,402	Long-term on-the-job training
47-2121	Glaziers	150	150	0	0%	30	30	NA	Long-term on-the-job training
47-2130	<i>Insulation Workers</i>	70	70	0	0%	20	20	NA NA	
47-2141	Painters, Construction and Maintenance	640	590	-50	-8%	100	100	\$30,618	Moderate-term on-the-job training
47-2142	Paperhangers	290	240	-50	-17%	40	40	NA	Moderate-term on-the-job training
47-2151	Pipelayers	30	30	0	0%	10	10	NA	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement ³
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47-2152	Plumbers, Pipefitters, and Steamfitters	1,110	1,110	0	0%	250	260	\$54,475	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	70	70	0	0%	10	10		NA Long-term on-the-job training
47-2181	Roofers	400	390	-10	-3%	90	90	\$32,076	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	590	670	80	14%	140	230	\$41,589	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	390	280	-110	-28%	80	80		NA Long-term on-the-job training
47-3000	<i>Helpers, Construction Trades</i>	650	610	-40	-6%	270	280		NA NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	90	70	-20	-22%	40	40	\$34,217	Short-term on-the-job training
47-3012	Helpers--Carpenters	210	180	-30	-14%	90	90	\$20,514	Short-term on-the-job training
47-3013	Helpers--Electricians	120	110	-10	-8%	50	50		NA Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	30	30	0	0%	10	10		NA Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	130	130	0	0%	50	50		NA Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	80	90	10	13%	30	40	\$26,725	Short-term on-the-job training
47-4000	<i>Other Construction and Related Workers</i>	770	860	90	12%	140	240		NA NA
47-4011	Construction and Building Inspectors	180	230	50	28%	40	90	\$35,918	Work experience in a related occupation
47-4021	Elevator Installers and Repairers	50	50	0	0%	10	10		NA Long-term on-the-job training
47-4031	Fence Erectors	100	110	10	10%	20	20		NA Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	20	30	10	50%	10	20		NA Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	360	380	20	6%	50	70	\$25,437	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	60	10	20%	10	20	\$29,225	Moderate-term on-the-job training
47-4900	<i>All Other Construction Trades and Related Workers</i>	260	270	10	4%	40	60		NA NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	260	270	10	4%	40	60		NA NA
47-5000	<i>Extraction Workers</i>	60	60	0	0%	10	10		NA NA
47-5021	Earth Drillers, Except Oil and Gas	40	40	0	0%	10	10	\$40,574	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	\$21,049	Short-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	13,230	14,490	1,260	10%	3,060	4,510	\$34,705	NA
49-1000	<i>Supervisors of Installation, Maintenance, and Repair Workers</i>	1,370	1,500	130	9%	340	470		NA NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,370	1,500	130	9%	340	470	\$47,458	Work experience in a related occupation
49-2000	<i>Electrical and Electronic Equipment Mechanics, Installers, and Repairers</i>	1,210	1,130	-80	-7%	230	260		NA NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	270	220	-50	-19%	30	30	\$34,010	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	450	400	-50	-11%	90	90	\$44,784	Postsecondary vocational training
49-2092	Electric Motor, Power Tool, and Related Repairers	100	100	0	0%	30	30	\$36,362	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	220	240	20	9%	50	70	\$38,795	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	130	130	0	0%	30	30	\$30,960	Postsecondary vocational training
49-2098	Security and Fire Alarm Systems Installers	20	10	-10	-50%	0	0	\$31,347	Postsecondary vocational training
49-3000	<i>Vehicle and Mobile Equipment Mechanics, Installers</i>	4,260	4,680	420	10%	1,130	1,570		NA NA
49-3011	Aircraft Mechanics and Service Technicians	90	100	10	11%	20	30	\$37,209	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	690	720	30	4%	140	180	\$33,154	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	1,830	2,010	180	10%	490	660	\$29,590	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	920	1,020	100	11%	240	340	\$35,677	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	40	50	10	25%	10	10	\$30,471	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	140	160	20	14%	30	50	\$36,449	Postsecondary vocational training
49-3051	Motorboat Mechanics	40	40	0	0%	10	10	\$32,757	Long-term on-the-job training
49-3052	Motorcycle Mechanics	30	30	0	0%	10	10	\$29,457	Long-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	50	-10	-17%	10	10	\$22,510	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	240	290	50	21%	100	160	\$33,628	Long-term on-the-job training
49-3093	Tire Repairers and Changers	160	190	30	19%	70	90	\$20,572	Short-term on-the-job training
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All O	20	20	0	0%	10	10		NA NA
49-9000	<i>Other Installation, Maintenance, and Repair Occupations</i>	6,390	7,170	780	12%	1,350	2,200		NA NA
49-9011	Mechanical Door Repairers	20	20	0	0%	10	10	\$22,755	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	410	460	50	12%	50	100	\$36,330	Long-term on-the-job training
49-9031	Home Appliance Repairers	80	80	0	0%	20	20	\$33,816	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	510	620	110	22%	100	210	\$37,550	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	3,700	4,240	540	15%	710	1,250	\$32,039	Long-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement ³
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49-9043	Maintenance Workers, Machinery	210	240	30	14%	50	80	\$34,821	Long-term on-the-job training
49-9044	Millwrights	250	220	-30	-12%	60	60	\$52,194	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	100	80	-20	-20%	30	30	NA	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	100	90	-10	-10%	30	30	\$35,025	Long-term on-the-job training
49-9062	Medical Equipment Repairers	60	60	0	0%	20	20	\$33,689	Moderate-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	80	100	20	25%	20	40	\$46,788	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	80	90	10	13%	20	30	\$32,034	Moderate-term on-the-job training
49-9094	Locksmiths and Safe Repairers	50	40	-10	-20%	20	20	NA	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	80	80	0	0%	20	20	NA	Moderate-term on-the-job training
49-9096	Riggers	20	10	-10	-50%	0	0	NA	Short-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	430	500	70	16%	150	210	\$23,589	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	180	210	30	17%	40	70	\$29,840	Long-term on-the-job training
51-0000	Production Occupations	68,900	72,190	3,290	5%	16,890	21,420	\$30,274	NA
<i>51-1000</i>	<i>Supervisors, Production Workers</i>	<i>4,740</i>	<i>5,430</i>	<i>690</i>	<i>15%</i>	<i>990</i>	<i>1,680</i>	<i>NA</i>	<i>NA</i>
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4,740	5,430	690	15%	990	1,680	\$46,447	Work experience in a related occupation
<i>51-2000</i>	<i>Assemblers and Fabricators</i>	<i>22,880</i>	<i>22,520</i>	<i>-360</i>	<i>-2%</i>	<i>5,870</i>	<i>6,010</i>	<i>NA</i>	<i>NA</i>
51-2021	Coil Winders, Tapers, and Finishers	240	240	0	0%	60	60	\$30,676	Short-term on-the-job training
51-2022	Electrical and Electronic Equipment Assemblers	660	520	-140	-21%	160	160	\$21,682	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	370	260	-110	-30%	90	90	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	80	100	20	25%	20	40	\$36,080	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	660	740	80	12%	160	230	\$36,891	Moderate-term on-the-job training
51-2091	Fiberglass Laminators and Fabricators	1,160	1,220	60	5%	300	350	\$26,468	Moderate-term on-the-job training
51-2092	Team Assemblers	14,680	14,520	-160	-1%	3,800	3,800	\$29,072	Moderate-term on-the-job training
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	30	20	-10	-33%	10	10	NA	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	4,990	4,920	-70	-1%	1,290	1,290	\$32,883	Moderate-term on-the-job training
<i>51-3000</i>	<i>Food Processing Workers</i>	<i>1,120</i>	<i>1,110</i>	<i>-10</i>	<i>-1%</i>	<i>260</i>	<i>350</i>	<i>NA</i>	<i>NA</i>
51-3011	Bakers	280	330	50	18%	70	110	\$19,107	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	180	150	-30	-17%	40	40	\$25,312	Long-term on-the-job training
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	120	100	-20	-17%	30	30	NA	Short-term on-the-job training
51-3023	Slaughtering and Meat Packers	240	180	-60	-25%	50	50	NA	Moderate-term on-the-job training
51-3092	Food Batchmakers	190	190	0	0%	50	50	\$22,690	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	80	100	20	25%	20	50	\$22,442	Short-term on-the-job training
51-3099	Food Processing Workers, All Other (OES Only)	30	40	10	33%	10	10	NA	NA
<i>51-4000</i>	<i>Metal Workers and Plastic Workers</i>	<i>19,430</i>	<i>20,430</i>	<i>1,000</i>	<i>5%</i>	<i>4,720</i>	<i>6,030</i>	<i>NA</i>	<i>NA</i>
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,290	1,430	140	11%	210	350	\$33,587	Long-term on-the-job training
51-4012	Numerical Tool and Process Control Programmers	110	110	0	0%	20	20	NA	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,610	1,570	-40	-2%	540	540	\$28,106	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	390	330	-60	-15%	60	60	\$29,353	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	550	520	-30	-5%	130	130	\$30,221	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,280	3,600	320	10%	760	1,080	\$30,268	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	610	680	70	11%	180	240	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,180	1,190	10	1%	230	230	\$32,313	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	520	0	0%	100	100	\$30,724	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4%	40	40	\$36,020	Moderate-term on-the-job training
51-4041	Machinists	2,020	2,110	90	4%	470	560	\$31,585	Long-term on-the-job training
51-4051	Metal-Refining Furnace Operators and Tenders	90	90	0	0%	20	20	\$28,411	Moderate-term on-the-job training
51-4052	Pourers and Casters, Metal and Plastic	120	120	0	0%	30	30	\$31,571	Moderate-term on-the-job training
51-4061	Model Makers, Metal and Plastic	70	70	0	0%	20	20	NA	Moderate-term on-the-job training
51-4062	Patternmakers, Metal and Plastic	60	60	0	0%	20	20	\$38,418	Moderate-term on-the-job training
51-4071	Foundry Mold and Coremakers	420	380	-40	-10%	110	110	\$31,120	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,850	1,840	-10	-1%	460	460	\$25,308	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	680	780	100	15%	190	280	\$30,387	Moderate-term on-the-job training
51-4111	Tool and Die Makers	820	730	-90	-11%	180	180	\$41,925	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	2,300	2,800	500	22%	650	1,150	\$31,968	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	160	170	10	6%	40	60	\$38,556	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	180	180	0	0%	60	60	\$27,201	Moderate-term on-the-job training
51-4192	Lay-Out Workers, Metal and Plastic	50	60	10	20%	10	20	NA	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total Openings	2004	Education Requirement ³
		Employment	Projection	Growth	Change			Annual Wage ²	
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and	220	220	0	0%	50	50	\$25,967	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	190	180	-10	-5%	60	60	\$30,745	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	430	490	60	14%	100	160	NA	Moderate-term on-the-job training
51-5000	<i>Printing Workers</i>	1,490	1,410	-80	-5%	360	370	NA NA	
51-5011	Bindery Workers	280	230	-50	-18%	70	70	NA	Moderate-term on-the-job training
51-5012	Bookbinders	60	50	-10	-17%	20	20	NA	Moderate-term on-the-job training
51-5021	Job Printers	160	170	10	6%	40	40	NA	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	290	250	-40	-14%	70	70	\$35,309	Long-term on-the-job training
51-5023	Printing Machine Operators	710	710	0	0%	170	170	\$28,789	Moderate-term on-the-job training
51-6000	<i>Textile, Apparel, and Furnishings Workers</i>	2,650	2,790	140	5%	530	730	NA NA	
51-6011	Laundry and Dry-Cleaning Workers	460	460	0	0%	130	130	\$17,869	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	200	170	-30	-15%	30	30	\$16,831	Short-term on-the-job training
51-6031	Sewing Machine Operators	920	1,080	160	17%	110	270	\$23,009	Moderate-term on-the-job training
51-6051	Sewers, Hand	20	20	0	0%	0	0	NA	Short-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	50	50	0	0%	10	10	\$21,457	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	130	130	0	0%	30	30	\$23,213	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthet	100	110	10	10%	20	30	NA	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	20	30	10	50%	10	20	NA	Long-term on-the-job training
51-6093	Upholsterers	640	620	-20	-3%	160	160	\$25,286	Long-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	110	130	20	18%	30	40	\$31,488	Moderate-term on-the-job training
51-7000	<i>Woodworkers</i>	2,940	3,390	450	15%	760	1,210	NA NA	
51-7011	Cabinetmakers and Bench Carpenters	870	1,080	210	24%	220	430	\$29,793	Long-term on-the-job training
51-7021	Furniture Finishers	280	340	60	21%	60	110	\$25,528	Long-term on-the-job training
51-7031	Model Makers, Wood	30	30	0	0%	10	10	\$41,258	Long-term on-the-job training
51-7032	Patternmakers, Wood	30	40	10	33%	10	10	NA	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	610	690	80	13%	170	250	\$21,739	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,050	1,140	90	9%	280	370	\$25,532	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	70	80	10	14%	20	20	\$25,345	Moderate-term on-the-job training
51-8000	<i>Plant and System Operators</i>	320	320	0	0%	90	110	NA NA	
51-8013	Power Plant Operators	20	20	0	0%	10	10	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	60	60	0	0%	10	10	\$34,085	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	140	150	10	7%	50	60	\$35,541	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	40	30	-10	-25%	10	10	NA	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	40	50	10	25%	10	20	NA	Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	13,330	14,800	1,470	11%	3,310	4,940	NA NA	
51-9011	Chemical Equipment Operators and Tenders	50	40	-10	-20%	20	20	NA	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, O	270	180	-90	-33%	90	90	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tende	130	160	30	23%	30	60	\$27,392	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	590	660	70	12%	150	220	\$26,191	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	420	390	-30	-7%	110	110	\$30,237	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	310	360	50	16%	60	120	\$24,408	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	270	300	30	11%	60	90	\$24,956	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	250	240	-10	-4%	70	70	\$29,103	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	140	140	0	0%	30	40	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,400	2,660	260	11%	550	810	\$29,155	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	10	\$41,237	Postsecondary vocational training
51-9081	Dental Laboratory Technicians	370	520	150	41%	80	230	NA	Long-term on-the-job training
51-9082	Medical Appliance Technicians	40	50	10	25%	10	20	\$35,142	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	40	50	10	25%	10	20	NA	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1,040	1,200	160	15%	210	370	\$25,202	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,100	1,360	260	24%	290	550	\$26,610	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	680	890	210	31%	180	390	\$29,177	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	130	150	20	15%	30	50	\$24,630	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	\$21,084	Short-term on-the-job training
51-9191	Cementing and Gluing Machine Operators and Tenders	310	360	50	16%	80	130	\$33,570	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	150	40	36%	30	70	\$25,863	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	80	70	-10	-13%	20	20	NA	Moderate-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
51-9194	Etchers and Engravers	80	80	0	0%	20	20	NA	Long-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	260	310	50	19%	60	110	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	350	420	70	20%	80	140	\$26,660	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	2,650	2,700	50	2%	740	790	\$21,759	Short-term on-the-job training
51-9199	Production Workers, All Other	1,140	1,240	100	9%	270	370	\$30,694	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	25,070	26,040	970	4%	5,410	6,810	\$27,134	NA
53-1000	Supervisors, Transportation and Material Moving Workers	1,150	1,230	80	7%	270	350	NA	NA
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	450	510	60	13%	110	160	\$41,748	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	690	710	20	3%	160	190	\$47,792	Work experience in a related occupation
53-2000	Air Transportation Workers	100	130	30	30%	30	60	NA	NA
53-2011	Airline Pilots, Copilots, and Flight Engineers	20	20	0	0%	10	10	NA	Bachelor's degree
53-2012	Commercial Pilots	40	40	0	0%	10	20	\$55,892	Postsecondary vocational training
53-2021	Air Traffic Controllers	30	50	20	67%	10	30	NA	Long-term on-the-job training
53-3000	Motor Vehicle Operators	10,550	11,040	490	5%	1,610	2,340	NA	NA
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicia	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
53-3021	Bus Drivers, Transit and Intercity	80	80	0	0%	20	20	NA	Moderate-term on-the-job training
53-3022	Bus Drivers, School	1,230	1,530	300	24%	270	570	\$27,651	Short-term on-the-job training
53-3031	Driver/Sales Workers	1,460	1,230	-230	-16%	240	240	\$21,884	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,030	5,350	320	6%	820	1,150	\$31,993	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	2,460	2,540	80	3%	230	310	\$25,584	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	100	130	30	30%	10	30	\$17,101	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	160	160	0	0%	20	20	\$15,908	Short-term on-the-job training
53-6000	Other Transportation Workers	270	250	-20	-7%	100	110	NA	NA
53-6021	Parking Lot Attendants	80	50	-30	-38%	30	30	NA	Short-term on-the-job training
53-6031	Service Station Attendants	110	110	0	0%	50	50	\$18,188	Short-term on-the-job training
53-6051	Transportation Inspectors	50	70	20	40%	10	30	\$39,514	Work experience in a related occupation
53-7000	Material Moving Workers	13,000	13,400	400	3%	3,420	3,960	NA	NA
53-7011	Conveyor Operators and Tenders	30	40	10	33%	10	20	\$25,283	Short-term on-the-job training
53-7021	Crane and Tower Operators	160	170	10	6%	40	40	\$32,273	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	20	\$40,187	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	1,910	2,030	120	6%	360	480	\$27,519	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	570	570	0	0%	200	200	\$21,666	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,510	5,380	-130	-2%	1,800	1,800	\$24,672	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	870	930	60	7%	240	290	\$23,698	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	3,510	3,800	290	8%	660	950	\$21,131	Short-term on-the-job training
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
53-7072	Pump Operators, Except Wellhead Pumps	40	60	20	50%	10	30	NA	Moderate-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	240	270	30	13%	60	90	\$29,051	Short-term on-the-job training
53-7121	Tank Car, Truck, and Ship Loaders	70	60	-10	-14%	20	20	NA	Moderate-term on-the-job training
53-7199	Material Moving Workers, All Other	20	20	0	0%	10	10	NA	Short-term on-the-job training

1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
	Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.								
	Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.								
	Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.								
	Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.								
	Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.								
	Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.								
	Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.								
	Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.								
	Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.								

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 02

Education Requirement ³

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²
00-0000	Total, All Occupations	311,230	336,900	25,670	8%	75,520	106,500	\$32,924
First professional degree								
23-1011	Lawyers	540	610	70	13%	70	140	\$84,190
29-1011	Chiropractors	100	120	20	20%	20	40	\$147,182
29-1041	Optometrists	110	130	20	18%	30	50	\$96,494
29-1051	Pharmacists	500	580	80	16%	100	180	\$81,106
29-1061	Anesthesiologists	70	80	10	14%	10	20	NA
29-1062	Family and General Practitioners	130	150	20	15%	20	40	\$143,684
29-1063	Internists, General	30	30	0	0%	0	10	NA
29-1064	Obstetricians and Gynecologists	50	60	10	20%	10	10	NA
29-1066	Psychiatrists	40	50	10	25%	10	20	\$144,838
29-1067	Surgeons	210	240	30	14%	30	60	NA
29-1081	Podiatrists	30	30	0	0%	10	10	\$127,648
29-1131	Veterinarians	90	120	30	33%	20	50	\$111,018
29-1199	Health Diagnosing and Treating Practitioners, All Other	90	110	20	22%	20	40	NA
Doctoral degree								
19-1021	Biochemists and Biophysicists	30	20	-10	-33%	10	10	NA
25-1011	Business Teachers, Postsecondary	240	380	140	58%	50	200	\$56,423
25-1021	Computer Science Teachers, Postsecondary	40	70	30	75%	10	30	\$46,617
25-1022	Mathematical Science Teachers, Postsecondary	170	270	100	59%	40	140	\$50,250
25-1031	Architecture Teachers, Postsecondary	20	40	20	100%	10	20	NA
25-1032	Engineering Teachers, Postsecondary	150	230	80	53%	30	120	NA
25-1042	Biological Science Teachers, Postsecondary	130	210	80	62%	30	110	\$55,532
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	20	30	10	50%	0	10	NA
25-1052	Chemistry Teachers, Postsecondary	90	140	50	56%	20	70	\$52,249
25-1054	Physics Teachers, Postsecondary	60	90	30	50%	10	50	\$53,987
25-1061	Anthropology and Archeology Teachers, Postsecondary	30	50	20	67%	10	20	NA
25-1063	Economics Teachers, Postsecondary	40	70	30	75%	10	30	NA
25-1065	Political Science Teachers, Postsecondary	40	70	30	75%	10	30	\$54,525
25-1066	Psychology Teachers, Postsecondary	120	190	70	58%	30	100	\$49,194
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	\$49,198
25-1071	Health Specialties Teachers, Postsecondary	110	180	70	64%	30	100	\$58,935
25-1081	Education Teachers, Postsecondary	310	490	180	58%	70	260	\$41,458
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	NA
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	40	20	100%	10	20	\$37,015
25-1112	Law Teachers, Postsecondary	30	50	20	67%	10	30	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	150	250	100	67%	30	130	NA
25-1122	Communications Teachers, Postsecondary	60	90	30	50%	10	50	NA
25-1123	English Language and Literature Teachers, Postsecondary	240	380	140	58%	50	200	\$45,244
25-1124	Foreign Language and Literature Teachers, Postsecondary	30	50	20	67%	10	30	NA
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	50	\$53,022
25-1126	Philosophy and Religion Teachers, Postsecondary	60	110	50	83%	10	60	\$53,768
25-1192	Home Economics Teachers, Postsecondary	30	50	20	67%	10	30	NA
25-1199	Postsecondary Teachers, All Other	310	490	180	58%	70	250	NA
Master's degree								
15-2031	Operations Research Analysts	20	20	0	0%	0	10	\$64,320
19-3031	Clinical, Counseling, and School Psychologists	230	290	60	26%	50	110	\$49,658
19-3051	Urban and Regional Planners	30	30	0	0%	10	10	\$40,468
19-3099	Social Scientists and Related Workers, All Other	40	50	10	25%	10	20	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	50	50	0	0%	10	20	\$33,915
21-1012	Educational, Vocational, and School Counselors	330	420	90	27%	80	170	\$46,021
21-1013	Marriage and Family Therapists	30	40	10	33%	10	20	\$54,618
21-1014	Mental Health Counselors	130	160	30	23%	30	60	\$31,826
21-1015	Rehabilitation Counselors	140	180	40	29%	30	70	\$31,749

21-1023	Mental Health and Substance Abuse Social Workers	130	170	40	31%	20	60	\$29,869
21-1091	Health Educators	80	100	20	25%	10	30	\$28,589
21-2011	Clergy	50	50	0	0%	10	10	\$35,640
25-1072	Nursing Instructors and Teachers, Postsecondary	110	170	60	55%	30	90	\$44,011
25-4021	Librarians	170	200	30	18%	40	70	\$45,798
25-9031	Instructional Coordinators	120	180	60	50%	20	70	\$47,011
29-1121	Audiologists	50	60	10	20%	10	20	\$61,369
29-1123	Physical Therapists	220	290	70	32%	20	100	\$67,060
29-1127	Speech-Language Pathologists	150	210	60	40%	40	100	\$54,665
Work experience plus bachelor's or higher degree								
11-1011	Chief Executives	1160	1350	190	16%	220	410	\$143,561
11-1021	General and Operations Managers	4170	4600	430	10%	790	1220	\$89,083
11-2011	Advertising and Promotions Managers	70	80	10	14%	10	20	\$61,021
11-2021	Marketing Managers	270	330	60	22%	50	110	\$81,963
11-2022	Sales Managers	580	720	140	24%	110	250	\$90,834
11-2031	Public Relations Managers	60	70	10	17%	10	20	\$55,220
11-3011	Administrative Services Managers	280	320	40	14%	60	90	\$52,843
11-3021	Computer and Information Systems Managers	390	510	120	31%	70	190	\$76,752
11-3031	Financial Managers	700	810	110	16%	100	220	\$79,061
11-3061	Purchasing Managers	330	350	20	6%	70	100	\$68,809
11-9011	Farm, Ranch, and Other Agricultural Managers	180	210	30	17%	30	50	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	80	10	14%	20	30	\$46,201
11-9032	Education Administrators, Elementary and Secondary School	340	470	130	38%	80	210	\$73,447
11-9033	Education Administrators, Postsecondary	260	380	120	46%	70	180	\$57,955
11-9041	Engineering Managers	670	790	120	18%	130	250	\$76,909
11-9111	Medical and Health Services Managers	470	600	130	28%	90	220	\$66,122
11-9121	Natural Sciences Managers	30	30	0	0%	10	10	\$75,195
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	40	40	0	0%	10	10	NA
13-1111	Management Analysts	450	520	70	16%	60	140	\$75,622
23-1023	Judges, Magistrate Judges, and Magistrates	70	70	0	0%	10	10	\$64,488
27-1011	Art Directors	20	20	0	0%	0	10	\$49,316
27-2012	Producers and Directors	150	160	10	7%	20	40	\$39,874
27-2041	Music Directors and Composers	20	20	0	0%	0	10	Na
Bachelor's degree								
11-3051	Industrial Production Managers	910	1040	130	14%	180	310	\$67,760
11-9021	Construction Managers	770	710	-60	-8%	140	140	\$80,148
11-9141	Property, Real Estate, and Community Association Managers	570	730	160	28%	110	270	\$38,925
11-9151	Social and Community Service Managers	180	220	40	22%	30	80	\$39,458
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	280	-20	-7%	80	80	\$37,479
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1060	1260	200	19%	260	460	\$48,834
13-1051	Cost Estimators	490	520	30	6%	110	150	\$47,891
13-1071	Employment, Recruitment, and Placement Specialists	310	330	20	6%	50	70	\$37,677
13-1072	Compensation, Benefits, and Job Analysis Specialists	150	190	40	27%	20	60	\$41,485
13-1073	Training and Development Specialists	330	400	70	21%	50	130	\$38,539
13-1121	Meeting and Convention Planners	50	60	10	20%	10	20	\$30,084
13-1199	Business Operations Specialists, All Other	1330	1720	390	29%	230	610	\$55,345
13-2011	Accountants and Auditors	1910	2250	340	18%	360	700	\$56,403
13-2031	Budget Analysts	80	100	20	25%	10	30	NA
13-2041	Credit Analysts	80	80	0	0%	10	20	\$49,177
13-2051	Financial Analysts	60	60	0	0%	10	10	\$59,610
13-2052	Personal Financial Advisors	220	260	40	18%	30	60	\$60,529
13-2053	Insurance Underwriters	30	30	0	0%	10	10	\$51,613
13-2061	Financial Examiners	20	10	-10	-50%	0	0	\$51,192
13-2071	Loan Counselors	30	30	0	0%	0	0	\$33,050
13-2072	Loan Officers	440	390	-50	-11%	70	70	\$54,935
13-2081	Tax Examiners, Collectors, and Revenue Agents	70	80	10	14%	20	30	NA
13-2099	Financial Specialists, All Other	120	120	0	0%	20	20	\$45,864
15-1021	Computer Programmers	590	620	30	5%	140	170	\$58,119
15-1031	Computer Software Engineers, Applications	250	310	60	24%	30	80	\$66,221
15-1032	Computer Software Engineers, Systems Software	150	200	50	33%	20	70	\$62,711
15-1051	Computer Systems Analysts	470	580	110	23%	50	160	\$54,112
15-1061	Database Administrators	180	230	50	28%	20	70	\$48,187
15-1071	Network and Computer Systems Administrators	370	470	100	27%	40	140	\$52,187
15-1081	Network Systems and Data Communications Analysts	150	210	60	40%	20	70	\$50,299
17-1011	Architects, Except Landscape and Naval	190	220	30	16%	20	50	\$52,016
17-1012	Landscape Architects	20	20	0	0%	0	0	NA
17-1022	Surveyors	60	60	0	0%	20	20	\$40,960
17-2031	Biomedical Engineers	70	120	50	71%	10	60	\$60,470
17-2041	Chemical Engineers	60	50	-10	-17%	20	20	\$69,226

17-2051	Civil Engineers	160	170	10	6%	30	40	\$54,033
17-2071	Electrical Engineers	430	510	80	19%	80	160	NA
17-2072	Electronics Engineers, Except Computer	170	200	30	18%	30	60	\$62,343
17-2081	Environmental Engineers	70	90	20	29%	10	30	\$59,300
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	70	10	17%	10	20	\$55,029
17-2112	Industrial Engineers	880	1060	180	20%	210	390	\$54,937
17-2131	Materials Engineers	60	60	0	0%	20	20	\$69,550
17-2141	Mechanical Engineers	1010	1020	10	1%	280	280	\$61,216
17-2199	Engineers, All Other	240	310	70	29%	50	120	NA
19-1032	Foresters	20	20	0	0%	10	10	\$47,631
19-1099	Life Scientists, All Other	90	130	40	44%	20	50	NA
19-2031	Chemists	150	130	-20	-13%	50	50	\$58,964
19-2041	Environmental Scientists and Specialists, Including Health	70	100	30	43%	10	30	\$37,208
19-2099	Physical Scientists, All Other	50	70	20	40%	10	30	NA
19-3021	Market Research Analysts	210	250	40	19%	60	90	\$53,133
21-1021	Child, Family, and School Social Workers	480	570	90	19%	80	170	\$30,885
21-1022	Medical and Public Health Social Workers	170	210	40	24%	30	70	\$36,453
21-1092	Probation Officers and Correctional Treatment Specialists	230	250	20	9%	40	60	\$31,206
23-2092	Law Clerks	30	30	0	0%	0	0	\$35,131
25-2011	Preschool Teachers, Except Special Education	530	510	-20	-4%	60	60	\$24,885
25-2012	Kindergarten Teachers, Except Special Education	290	410	120	41%	40	150	\$40,097
25-2021	Elementary School Teachers, Except Special Education	2960	3900	940	32%	650	1590	\$42,793
25-2022	Middle School Teachers, Except Special and Vocational Education	1120	1400	280	25%	250	530	\$44,144
25-2031	Secondary School Teachers, Except Special and Vocational Education	1650	2240	590	36%	470	1060	\$45,447
25-2032	Vocational Education Teachers, Secondary School	150	190	40	27%	40	80	\$52,416
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	280	410	130	46%	70	200	\$41,029
25-2042	Special Education Teachers, Middle School	110	160	50	45%	30	80	\$42,759
25-2043	Special Education Teachers, Secondary School	120	170	50	42%	30	80	\$43,434
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	150	200	50	33%	20	70	\$33,225
27-1014	Multi-Media Artists and Animators	90	100	10	11%	20	30	\$37,867
27-1021	Commercial and Industrial Designers	180	220	40	22%	20	60	\$46,848
27-1024	Graphic Designers	270	320	50	19%	40	80	\$37,472
27-1025	Interior Designers	120	130	10	8%	20	30	\$32,459
27-3031	Public Relations Specialists	310	410	100	32%	40	150	\$36,617
27-3041	Editors	200	220	20	10%	50	70	\$37,099
27-3042	Technical Writers	80	110	30	38%	20	50	\$40,278
27-3043	Writers and Authors	90	90	0	0%	20	20	\$32,945
27-4032	Film and Video Editors	30	30	0	0%	10	10	NA
29-1031	Dietitians and Nutritionists	110	120	10	9%	30	40	\$45,918
29-1071	Physician Assistants	40	60	20	50%	10	20	\$51,957
29-1122	Occupational Therapists	160	220	60	38%	20	80	\$54,248
29-1125	Recreational Therapists	50	50	0	0%	10	10	\$26,660
29-2011	Medical and Clinical Laboratory Technologists	290	310	20	7%	80	100	\$41,534
29-2091	Orthotists and Prosthetists	50	40	-10	-20%	10	10	\$81,031
29-9091	Athletic Trainers	30	40	10	33%	10	10	NA
39-9032	Recreation Workers	240	270	30	13%	50	90	\$19,666
41-3021	Insurance Sales Agents	680	580	-100	-15%	160	160	\$47,433
41-3031	Securities, Commodities, and Financial Services Sales Agents	310	260	-50	-16%	40	40	\$74,714
41-9031	Sales Engineers	220	240	20	9%	70	90	\$68,300
53-2011	Airline Pilots, Copilots, and Flight Engineers	20	20	0	0%	10	10	NA
Associate degree								
11-9061	Funeral Directors	100	100	0	0%	30	30	\$49,364
15-1041	Computer Support Specialists	760	930	170	22%	90	260	\$30,586
17-3022	Civil Engineering Technicians	160	160	0	0%	30	40	\$38,241
17-3023	Electrical and Electronic Engineering Technicians	370	420	50	14%	80	130	\$38,951
17-3024	Electro-Mechanical Technicians	170	200	30	18%	40	60	NA
17-3025	Environmental Engineering Technicians	40	60	20	50%	10	30	\$36,151
17-3026	Industrial Engineering Technicians	220	240	20	9%	50	70	\$38,212
17-3027	Mechanical Engineering Technicians	250	280	30	12%	50	80	\$41,218
19-4021	Biological Technicians	110	100	-10	-9%	20	20	\$36,374
19-4031	Chemical Technicians	110	110	0	0%	30	30	\$37,379
19-4091	Environmental Science and Protection Technicians, Including Health	30	40	10	33%	10	20	\$24,270
19-4099	Life, Physical, and Social Science Technicians, All Other	510	680	170	33%	120	290	\$31,144
23-2011	Paralegals and Legal Assistants	430	480	50	12%	40	90	\$38,667
29-1111	Registered Nurses	4040	5240	1200	30%	850	2040	\$47,595
29-1124	Radiation Therapists	20	20	0	0%	0	10	\$52,723
29-1126	Respiratory Therapists	180	260	80	44%	60	130	\$41,607
29-2012	Medical and Clinical Laboratory Technicians	380	380	0	0%	100	110	\$28,293
29-2021	Dental Hygienists	430	580	150	35%	40	190	\$52,976
29-2031	Cardiovascular Technologists and Technicians	70	90	20	29%	10	40	\$37,029

29-2032	Diagnostic Medical Sonographers	80	100	20	25%	20	30	\$47,645
29-2034	Radiologic Technologists and Technicians	390	460	70	18%	70	150	\$40,871
29-2056	Veterinary Technologists and Technicians	160	250	90	56%	20	110	\$22,650
29-2071	Medical Records and Health Information Technicians	500	730	230	46%	70	300	\$25,257
31-2011	Occupational Therapist Assistants	40	60	20	50%	10	30	\$33,783
31-2021	Physical Therapist Assistants	120	180	60	50%	20	80	\$38,297

Postsecondary vocational training

13-2021	Appraisers and Assessors of Real Estate	270	300	30	11%	60	90	\$27,775
15-1099	Computer Specialists, All Other	130	170	40	31%	20	50	\$41,924
17-3011	Architectural and Civil Drafters	130	130	0	0%	40	40	\$36,264
17-3012	Electrical and Electronics Drafters	80	80	0	0%	20	20	\$37,252
17-3013	Mechanical Drafters	450	500	50	11%	130	180	\$38,258
23-2091	Court Reporters	60	60	0	0%	10	10	\$33,409
27-4012	Broadcast Technicians	80	90	10	13%	20	30	NA
29-2041	Emergency Medical Technicians and Paramedics	370	390	20	5%	40	70	\$24,694
29-2053	Psychiatric Technicians	280	290	10	4%	40	50	\$20,475
29-2054	Respiratory Therapy Technicians	60	80	20	33%	10	30	NA
29-2055	Surgical Technologists	230	300	70	30%	30	110	\$35,763
29-2061	Licensed Practical and Licensed Vocational Nurses	1250	1400	150	12%	270	420	\$33,290
31-9011	Massage Therapists	160	220	60	38%	30	90	\$24,267
31-9094	Medical Transcriptionists	290	330	40	14%	50	100	\$25,406
35-1011	Chefs and Head Cooks	310	320	10	3%	90	110	\$29,187
39-5011	Barbers	40	40	0	0%	10	10	\$24,784
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1750	1980	230	13%	340	570	\$19,157
39-5092	Manicurists and Pedicurists	40	50	10	25%	10	20	\$16,633
39-5094	Skin Care Specialists	20	30	10	50%	10	10	\$14,737
39-9031	Fitness Trainers and Aerobics Instructors	320	360	40	13%	70	120	\$22,807
41-3041	Travel Agents	160	120	-40	-25%	40	40	\$24,506
41-9022	Real Estate Sales Agents	790	750	-40	-5%	160	160	\$68,340
43-6012	Legal Secretaries	240	250	10	4%	50	60	\$28,203
43-6013	Medical Secretaries	680	760	80	12%	130	210	\$25,439
43-9031	Desktop Publishers	70	90	20	29%	20	30	\$25,462
49-2011	Computer, Automated Teller, and Office Machine Repairers	270	220	-50	-19%	30	30	\$34,010
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	450	400	-50	-11%	90	90	\$44,784
49-2092	Electric Motor, Power Tool, and Related Repairers	100	100	0	0%	30	30	\$36,362
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	220	240	20	9%	50	70	\$38,795
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	130	130	0	0%	30	30	\$30,960
49-2098	Security and Fire Alarm Systems Installers	20	10	-10	-50%	0	0	\$31,347
49-3011	Aircraft Mechanics and Service Technicians	90	100	10	11%	20	30	\$37,209
49-3023	Automotive Service Technicians and Mechanics	1830	2010	180	10%	490	660	\$29,590
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	920	1020	100	11%	240	340	\$35,677
49-3041	Farm Equipment Mechanics	40	50	10	25%	10	10	\$30,471
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	140	160	20	14%	30	50	\$36,449
51-4121	Welders, Cutters, Solderers, and Brazers	2300	2800	500	22%	650	1150	\$31,968
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	10	\$41,237
53-2012	Commercial Pilots	40	40	0	0%	10	20	\$55,892

Work experience in a related occupation

11-3071	Transportation, Storage, and Distribution Managers	140	160	20	14%	30	60	\$61,875
11-9051	Food Service Managers	620	620	0	0%	100	100	\$38,160
11-9081	Lodging Managers	50	50	0	0%	10	10	\$42,537
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	\$52,740
11-9199	Managers, All Other	750	790	40	5%	150	190	\$64,136
13-1021	Purchasing Agents and Buyers, Farm Products	40	40	0	0%	20	20	\$45,781
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	\$32,182
25-1194	Vocational Education Teachers, Postsecondary	160	250	90	56%	40	120	\$25,177
25-3021	Self-Enrichment Education Teachers	230	310	80	35%	30	110	\$33,266
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	70	10	17%	20	20	NA
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	60	\$47,656
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	30	0	0%	10	20	\$44,870
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	90	90	0	0%	20	20	\$32,832
33-2021	Fire Inspectors and Investigators	70	70	0	0%	20	20	NA
33-3021	Detectives and Criminal Investigators	110	120	10	9%	30	40	\$41,178
33-9021	Private Detectives and Investigators	190	210	20	11%	40	60	\$28,646
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1780	1820	40	2%	420	470	\$24,560
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	460	500	40	9%	110	150	\$32,277
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Work	300	310	10	3%	30	40	\$36,839
39-1021	First-Line Supervisors/Managers of Personal Service Workers	390	390	0	0%	100	100	\$29,474
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	\$17,568
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3340	3240	-100	-3%	600	600	\$36,180

41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1290	1260	-30	-2%	240	240	\$62,675
41-9021	Real Estate Brokers	130	130	0	0%	30	30	\$90,978
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2940	3000	60	2%	630	690	\$40,124
43-4141	New Accounts Clerks	130	110	-20	-15%	30	30	\$22,742
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	\$34,900
45-2011	Agricultural Inspectors	20	30	10	50%	10	20	\$35,426
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1390	1430	40	3%	240	270	\$52,387
47-4011	Construction and Building Inspectors	180	230	50	28%	40	90	\$35,918
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1370	1500	130	9%	340	470	\$47,458
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4740	5430	690	15%	990	1680	\$46,447
51-6052	Tailors, Dressmakers, and Custom Sewers	50	50	0	0%	10	10	\$21,457
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	450	510	60	13%	110	160	\$41,748
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehic	690	710	20	3%	160	190	\$47,792
53-6051	Transportation Inspectors	50	70	20	40%	10	30	\$39,514
Long-term on-the-job training								
13-1031	Claims Adjusters, Examiners, and Investigators	140	130	-10	-7%	20	20	\$36,938
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0%	0	0	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportatic	270	320	50	19%	60	110	\$49,403
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	30	40	10	33%	10	20	NA
27-2022	Coaches and Scouts	320	410	90	28%	60	150	\$27,651
27-2023	Umpires, Referees, and Other Sports Officials	20	20	0	0%	0	10	NA
27-2042	Musicians and Singers	140	150	10	7%	30	40	NA
27-4011	Audio and Video Equipment Technicians	50	60	10	20%	10	20	NA
27-4021	Photographers	210	240	30	14%	40	70	\$29,442
29-2081	Opticians, Dispensing	100	120	20	20%	20	40	\$21,972
33-2011	Fire Fighters	420	500	80	19%	120	200	\$33,557
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	NA
33-3051	Police and Sheriff's Patrol Officers	930	1100	170	18%	240	410	\$37,346
35-2012	Cooks, Institution and Cafeteria	830	860	30	4%	260	290	\$20,038
35-2014	Cooks, Restaurant	1110	1250	140	13%	340	490	\$19,068
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	530	530	0	0%	150	150	\$19,695
47-2011	Boilermakers	70	60	-10	-14%	30	30	NA
47-2021	Brickmasons and Blockmasons	300	320	20	7%	50	60	\$46,784
47-2022	Stonemasons	70	80	10	14%	10	20	NA
47-2031	Carpenters	3910	3910	0	0%	640	640	\$35,826
47-2044	Tile and Marble Setters	40	40	0	0%	10	10	\$52,486
47-2051	Cement Masons and Concrete Finishers	610	640	30	5%	120	150	\$36,113
47-2111	Electricians	1480	1670	190	13%	290	480	\$42,402
47-2121	Glaziers	150	150	0	0%	30	30	NA
47-2152	Plumbers, Pipefitters, and Steamfitters	1110	1110	0	0%	250	260	\$54,475
47-2161	Plasterers and Stucco Masons	70	70	0	0%	10	10	NA
47-2221	Structural Iron and Steel Workers	390	280	-110	-28%	80	80	NA
47-4021	Elevator Installers and Repairers	50	50	0	0%	10	10	NA
49-3021	Automotive Body and Related Repairers	690	720	30	4%	140	180	\$33,154
49-3051	Motorboat Mechanics	40	40	0	0%	10	10	\$32,757
49-3052	Motorcycle Mechanics	30	30	0	0%	10	10	\$29,457
49-3092	Recreational Vehicle Service Technicians	240	290	50	21%	100	160	\$33,628
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	410	460	50	12%	50	100	\$36,330
49-9031	Home Appliance Repairers	80	80	0	0%	20	20	\$33,816
49-9041	Industrial Machinery Mechanics	510	620	110	22%	100	210	\$37,550
49-9042	Maintenance and Repair Workers, General	3700	4240	540	15%	710	1250	\$32,039
49-9043	Maintenance Workers, Machinery	210	240	30	14%	50	80	\$34,821
49-9044	Millwrights	250	220	-30	-12%	60	60	\$52,194
49-9051	Electrical Power-Line Installers and Repairers	100	80	-20	-20%	30	30	NA
49-9052	Telecommunications Line Installers and Repairers	100	90	-10	-10%	30	30	\$35,025
49-9069	Precision Instrument and Equipment Repairers, All Other	80	100	20	25%	20	40	\$46,788
49-9099	Installation, Maintenance, and Repair Workers, All Other	180	210	30	17%	40	70	\$29,840
51-3011	Bakers	280	330	50	18%	70	110	\$19,107
51-3021	Butchers and Meat Cutters	180	150	-30	-17%	40	40	\$25,312
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1290	1430	140	11%	210	350	\$33,587
51-4012	Numerical Tool and Process Control Programmers	110	110	0	0%	20	20	NA
51-4041	Machinists	2020	2110	90	4%	470	560	\$31,585
51-4111	Tool and Die Makers	820	730	-90	-11%	180	180	\$41,925
51-5021	Job Printers	160	170	10	6%	40	40	NA
51-5022	Prepress Technicians and Workers	290	250	-40	-14%	70	70	\$35,309
51-6092	Fabric and Apparel Patternmakers	20	30	10	50%	10	20	NA
51-6093	Upholsterers	640	620	-20	-3%	160	160	\$25,286
51-7011	Cabinetmakers and Bench Carpenters	870	1080	210	24%	220	430	\$29,793
51-7021	Furniture Finishers	280	340	60	21%	60	110	\$25,528

51-7031	Model Makers, Wood	30	30	0	0%	10	10	\$41,258
51-7032	Patternmakers, Wood	30	40	10	33%	10	10	NA
51-8013	Power Plant Operators	20	20	0	0%	10	10	NA
51-8021	Stationary Engineers and Boiler Operators	60	60	0	0%	10	10	\$34,085
51-8031	Water and Liquid Waste Treatment Plant and System Operators	140	150	10	7%	50	60	\$35,541
51-8091	Chemical Plant and System Operators	40	30	-10	-25%	10	10	NA
51-8099	Plant and System Operators, All Other	40	50	10	25%	10	20	NA
51-9081	Dental Laboratory Technicians	370	520	150	41%	80	230	NA
51-9082	Medical Appliance Technicians	40	50	10	25%	10	20	\$35,142
51-9194	Etchers and Engravers	80	80	0	0%	20	20	NA
53-2021	Air Traffic Controllers	30	50	20	67%	10	30	NA

Moderate-term on-the-job training

13-2082	Tax Preparers	140	160	20	14%	20	50	\$28,715
17-3031	Surveying and Mapping Technicians	60	70	10	17%	20	40	\$30,522
21-1093	Social and Human Service Assistants	420	670	250	60%	70	320	\$24,160
23-2093	Title Examiners, Abstractors, and Searchers	130	100	-30	-23%	10	10	\$32,434
27-1023	Floral Designers	230	200	-30	-13%	30	30	\$19,529
27-1026	Merchandise Displayers and Window Trimmers	50	50	0	0%	10	10	\$26,868
27-4031	Camera Operators, Television, Video, and Motion Picture	70	70	0	0%	20	20	NA
27-4099	Media and Communication Equipment Workers, All Other	20	20	0	0%	0	10	NA
29-2051	Dietetic Technicians	20	20	0	0%	0	10	NA
29-2052	Pharmacy Technicians	500	590	90	18%	70	160	\$23,674
31-9091	Dental Assistants	520	710	190	37%	150	340	\$28,651
31-9092	Medical Assistants	620	860	240	39%	110	360	\$23,490
33-3012	Correctional Officers and Jailers	290	310	20	7%	60	80	\$29,468
37-2021	Pest Control Workers	90	70	-20	-22%	10	10	\$25,716
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	250	190	-60	-24%	50	50	\$33,493
39-9041	Residential Advisors	30	40	10	33%	10	20	\$19,623
41-2022	Parts Salespersons	430	410	-20	-5%	120	120	\$27,992
41-3011	Advertising Sales Agents	260	270	10	4%	50	50	\$36,346
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	610	680	70	11%	160	230	\$53,600
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Prod	3930	4510	580	15%	1030	1620	\$52,924
41-9011	Demonstrators and Product Promoters	160	190	30	19%	40	70	\$29,509
41-9099	Sales and Related Workers, All Other	710	780	70	10%	140	200	\$31,758
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3790	3600	-190	-5%	710	710	\$26,611
43-4011	Brokerage Clerks	40	20	-20	-50%	10	10	\$38,358
43-4051	Customer Service Representatives	3260	3530	270	8%	490	750	\$31,065
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	\$26,726
43-5011	Cargo and Freight Agents	70	60	-10	-14%	20	20	\$38,116
43-5031	Police, Fire, and Ambulance Dispatchers	160	170	10	6%	30	50	\$29,536
43-5032	Dispatchers, Except Police, Fire, and Ambulance	340	330	-10	-3%	70	70	\$34,060
43-6011	Executive Secretaries and Administrative Assistants	2940	3020	80	3%	560	640	\$32,499
43-6014	Secretaries, Except Legal, Medical, and Executive	3770	3480	-290	-8%	720	720	\$24,865
43-9011	Computer Operators	220	170	-50	-23%	50	50	\$28,577
43-9021	Data Entry Keyers	430	370	-60	-14%	100	100	\$23,116
43-9022	Word Processors and Typists	410	230	-180	-44%	90	90	\$22,806
43-9041	Insurance Claims and Policy Processing Clerks	210	180	-30	-14%	30	30	\$26,787
43-9111	Statistical Assistants	20	20	0	0%	0	0	\$36,605
45-2091	Agricultural Equipment Operators	60	70	10	17%	20	30	NA
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	0%	10	20	\$17,499
45-4021	Fallers	20	20	0	0%	0	0	\$25,018
47-2041	Carpet Installers	360	370	10	3%	60	70	NA
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	100	120	20	20%	20	40	\$29,967
47-2043	Floor Sanders and Finishers	40	40	0	0%	10	10	NA
47-2061	Construction Laborers	1030	990	-40	-4%	140	140	\$33,873
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	60	10	20%	10	10	NA
47-2073	Operating Engineers and Other Construction Equipment Operators	720	770	50	7%	190	240	\$48,035
47-2081	Drywall and Ceiling Tile Installers	180	180	0	0%	40	40	NA
47-2082	Tapers	110	110	0	0%	20	30	NA
47-2141	Painters, Construction and Maintenance	640	590	-50	-8%	100	100	\$30,618
47-2142	Paperhangers	290	240	-50	-17%	40	40	NA
47-2151	Pipelayers	30	30	0	0%	10	10	NA
47-2181	Roofers	400	390	-10	-3%	90	90	\$32,076
47-2211	Sheet Metal Workers	590	670	80	14%	140	230	\$41,589
47-4031	Fence Erectors	100	110	10	10%	20	20	NA
47-4041	Hazardous Materials Removal Workers	20	30	10	50%	10	20	NA
47-4051	Highway Maintenance Workers	360	380	20	6%	50	70	\$25,437
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	60	10	20%	10	20	\$29,225
47-5021	Earth Drillers, Except Oil and Gas	40	40	0	0%	10	10	\$40,574
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	50	-10	-17%	10	10	\$22,510

49-9011	Mechanical Door Repairers	20	20	0	0%	10	10	\$22,755
49-9062	Medical Equipment Repairers	60	60	0	0%	20	20	\$33,689
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	80	90	10	13%	20	30	\$32,034
49-9094	Locksmiths and Safe Repairers	50	40	-10	-20%	20	20	NA
49-9095	Manufactured Building and Mobile Home Installers	80	80	0	0%	20	20	NA
51-2041	Structural Metal Fabricators and Fitters	660	740	80	12%	160	230	\$36,891
51-2091	Fiberglass Laminators and Fabricators	1160	1220	60	5%	300	350	\$26,468
51-2092	Team Assemblers	14680	14520	-160	-1%	3800	3800	\$29,072
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	30	20	-10	-33%	10	10	NA
51-2099	Assemblers and Fabricators, All Other	4990	4920	-70	-1%	1290	1290	\$32,883
51-3023	Slaughterers and Meat Packers	240	180	-60	-25%	50	50	NA
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1610	1570	-40	-2%	540	540	\$28,106
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	390	330	-60	-15%	60	60	\$29,353
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	550	520	-30	-5%	130	130	\$30,221
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3280	3600	320	10%	760	1080	\$30,268
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	610	680	70	11%	180	240	NA
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, M	1180	1190	10	1%	230	230	\$32,313
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	520	0	0%	100	100	\$30,724
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4%	40	40	\$36,020
51-4051	Metal-Refining Furnace Operators and Tenders	90	90	0	0%	20	20	\$28,411
51-4052	Pourers and Casters, Metal	120	120	0	0%	30	30	\$31,571
51-4061	Model Makers, Metal and Plastic	70	70	0	0%	20	20	NA
51-4062	Patternmakers, Metal and Plastic	60	60	0	0%	20	20	\$38,418
51-4071	Foundry Mold and Coremakers	420	380	-40	-10%	110	110	\$31,120
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Pla	1850	1840	-10	-1%	460	460	\$25,308
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	680	780	100	15%	190	280	\$30,387
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	160	170	10	6%	40	60	\$38,556
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	180	180	0	0%	60	60	\$27,201
51-4192	Lay-Out Workers, Metal and Plastic	50	60	10	20%	10	20	NA
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	220	220	0	0%	50	50	\$25,967
51-4194	Tool Grinders, Filers, and Sharpeners	190	180	-10	-5%	60	60	\$30,745
51-4199	Metal Workers and Plastic Workers, All Other	430	490	60	14%	100	160	NA
51-5011	Bindery Workers	280	230	-50	-18%	70	70	NA
51-5012	Bookbinders	60	50	-10	-17%	20	20	NA
51-5023	Printing Machine Operators	710	710	0	0%	170	170	\$28,789
51-6011	Laundry and Dry-Cleaning Workers	460	460	0	0%	130	130	\$17,869
51-6031	Sewing Machine Operators	920	1080	160	17%	110	270	\$23,009
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	130	130	0	0%	30	30	\$23,213
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibe	100	110	10	10%	20	30	NA
51-6099	Textile, Apparel, and Furnishings Workers, All Other	110	130	20	18%	30	40	\$31,488
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	610	690	80	13%	170	250	\$21,739
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1050	1140	90	9%	280	370	\$25,532
51-7099	Woodworkers, All Other	70	80	10	14%	20	20	\$25,345
51-9011	Chemical Equipment Operators and Tenders	50	40	-10	-20%	20	20	NA
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Ten	270	180	-90	-33%	90	90	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	130	160	30	23%	30	60	\$27,392
51-9022	Grinding and Polishing Workers, Hand	590	660	70	12%	150	220	\$26,191
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	420	390	-30	-7%	110	110	\$30,237
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	270	300	30	11%	60	90	\$24,956
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	250	240	-10	-4%	70	70	\$29,103
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	140	140	0	0%	30	40	NA
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2400	2660	260	11%	550	810	\$29,155
51-9083	Ophthalmic Laboratory Technicians	40	50	10	25%	10	20	NA
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1100	1360	260	24%	290	550	\$26,610
51-9122	Painters, Transportation Equipment	680	890	210	31%	180	390	\$29,177
51-9191	Cementing and Gluing Machine Operators and Tenders	310	360	50	16%	80	130	\$33,570
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	150	40	36%	30	70	\$25,863
51-9193	Cooling and Freezing Equipment Operators and Tenders	80	70	-10	-13%	20	20	NA
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	260	310	50	19%	60	110	NA
51-9196	Paper Goods Machine Setters, Operators, and Tenders	350	420	70	20%	80	140	\$26,660
51-9199	Production Workers, All Other	1140	1240	100	9%	270	370	\$30,694
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	NA
53-3021	Bus Drivers, Transit and Intercity	80	80	0	0%	20	20	NA
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5030	5350	320	6%	820	1150	\$31,993
53-7021	Crane and Tower Operators	160	170	10	6%	40	40	\$32,273
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	20	\$40,187
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	NA
53-7072	Pump Operators, Except Wellhead Pumpers	40	60	20	50%	10	30	NA
53-7121	Tank Car, Truck, and Ship Loaders	70	60	-10	-14%	20	20	NA

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.
- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.
- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.

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LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 02

All data rounded to nearest 10. Occupations with less than 20 excluded

Code	Occupational Title	PERCENTILE															
		Average		Entry		Experienced		10th		25th		Median (50th)		75th		90th	
		Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly Wage	Annual Wage	Hourly	Annual								
00-0000	Total, All Occupations	\$15.83	\$32,924	\$8.16	\$16,967	\$19.66	\$40,903	\$7.21	\$15,007	\$9.45	\$19,653	\$13.16	\$27,382	\$19.00	\$39,529	\$26.70	\$55,529
11-0000	Management Occupations	\$37.88	\$78,784	\$19.50	\$40,553	\$47.07	\$97,899	\$17.01	\$35,383	\$23.93	\$49,766	\$33.35	\$69,363	\$45.71	\$95,075	\$67.07	\$139,516
11-1000	Top Executives	NA	NA														
11-1011	Chief Executives	\$69.02	\$143,561	\$36.01	\$74,905	\$85.52	\$177,890	\$31.07	\$64,622	\$46.87	\$97,484	\$69.30	\$144,139	\$0.00	\$0.00	\$0.00	\$0.00
11-1021	General and Operations Managers	\$42.83	\$89,083	\$24.27	\$50,481	\$52.11	\$108,384	\$21.50	\$44,729	\$28.73	\$59,748	\$37.89	\$78,813	\$51.78	\$107,698	\$78.00	\$157,523
11-1031	Legislators	\$9.93	\$18,577	\$6.25	\$12,988	\$10.27	\$21,367	\$5.86	\$12,180	\$6.31	\$13,123	\$7.09	\$14,742	\$11.45	\$22,813	\$13.23	\$27,510
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA														
11-2011	Advertising and Promotions Managers	\$29.34	\$61,021	\$17.15	\$33,675	\$35.43	\$73,694	\$15.37	\$31,963	\$20.34	\$42,305	\$24.40	\$50,754	\$29.81	\$62,010	\$56.29	\$117,084
11-2021	Marketing Managers	\$39.41	\$81,963	\$23.91	\$49,734	\$47.15	\$98,078	\$20.66	\$41,733	\$28.70	\$59,698	\$37.77	\$78,870	\$47.20	\$98,179	\$61.69	\$128,317
11-2022	Sales Managers	\$43.67	\$90,834	\$25.24	\$52,492	\$52.89	\$110,005	\$22.56	\$46,924	\$28.64	\$59,566	\$40.86	\$84,500	\$53.30	\$110,859	\$69.50	\$144,553
11-2031	Public Relations Managers	\$26.55	\$55,220	\$16.44	\$31,191	\$31.60	\$65,735	\$15.11	\$31,428	\$17.87	\$37,179	\$22.46	\$46,707	\$27.39	\$56,967	\$44.92	\$93,430
11-3000	Operations Specialties Managers	NA	NA														
11-3011	Administrative Services Managers	\$25.41	\$52,843	\$16.28	\$33,855	\$29.97	\$62,337	\$15.17	\$31,547	\$18.53	\$38,550	\$24.41	\$50,764	\$29.85	\$62,085	\$36.50	\$75,918
11-3021	Computer and Information Systems Managers	\$36.90	\$76,752	\$23.36	\$46,954	\$43.67	\$90,831	\$20.80	\$43,265	\$27.52	\$57,242	\$35.54	\$73,926	\$44.39	\$92,331	\$55.77	\$116,000
11-3031	Financial Managers	\$38.01	\$79,061	\$23.81	\$49,519	\$45.11	\$93,832	\$22.25	\$46,273	\$26.70	\$55,537	\$34.07	\$70,856	\$44.49	\$92,545	\$59.15	\$123,027
11-3040	Human Resources Managers	NA	NA														
11-3051	Industrial Production Managers	\$32.58	\$67,760	\$22.57	\$46,944	\$37.58	\$78,108	\$20.83	\$43,317	\$24.82	\$51,618	\$30.85	\$64,160	\$37.77	\$78,558	\$46.15	\$96,000
11-3061	Purchasing Managers	\$33.08	\$68,809	\$21.28	\$44,270	\$38.98	\$81,078	\$19.49	\$40,533	\$23.38	\$48,621	\$30.57	\$63,580	\$39.87	\$82,929	\$51.95	\$108,049
11-3071	Transportation, Storage, and Distribution Managers	\$29.75	\$61,875	\$18.33	\$38,132	\$36.46	\$73,747	\$16.84	\$35,031	\$20.28	\$42,175	\$26.34	\$54,790	\$37.12	\$77,210	\$47.02	\$97,804
11-9000	Other Management Occupations	NA	NA														
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA														
11-9021	Construction Managers	\$36.53	\$80,148	\$25.25	\$52,519	\$45.17	\$93,963	\$22.49	\$46,775	\$28.41	\$59,088	\$37.01	\$76,973	\$47.51	\$100,690	\$54.75	\$113,874
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$22.21	\$46,201	\$11.27	\$22,655	\$27.68	\$57,690	\$10.30	\$21,695	\$12.27	\$25,530	\$19.05	\$39,626	\$29.59	\$61,546	\$41.59	\$86,507
11-9032	Education Administrators, Elementary and Secondary School	NA	\$73,447	NA	\$59,583	NA	\$80,379	NA	\$57,325	NA	\$65,998	NA	\$75,108	NA	\$84,844	NA	\$91,667
11-9033	Education Administrators, Postsecondary	\$27.86	\$57,955	\$18.53	\$38,542	\$32.53	\$67,662	\$17.57	\$36,538	\$20.27	\$42,162	\$26.32	\$52,672	\$32.77	\$66,156	\$43.21	\$89,884
11-9039	Education Administrators, All Other	NA	NA														
11-9041	Engineering Managers	\$36.98	\$76,909	\$26.70	\$55,534	\$42.11	\$87,597	\$24.90	\$51,792	\$29.09	\$60,510	\$36.82	\$76,992	\$44.02	\$91,567	\$51.74	\$107,625
11-9051	Food Service Managers	\$18.26	\$36,460	\$11.00	\$22,685	\$21.81	\$45,748	\$7.17	\$13,714	\$12.20	\$23,536	\$16.62	\$34,579	\$21.86	\$45,446	\$28.61	\$59,502
11-9061	Funeral Directors	\$23.73	\$49,364	\$13.55	\$28,178	\$28.83	\$59,957	\$10.41	\$21,650	\$17.47	\$36,344	\$21.80	\$45,346	\$27.50	\$57,204	\$43.00	\$89,450
11-9081	Lodging Managers	\$20.45	\$42,537	\$14.84	\$30,863	\$23.26	\$48,374	\$14.05	\$29,224	\$15.83	\$32,923	\$21.42	\$44,553	\$24.92	\$51,829	\$27.02	\$56,209
11-9111	Medical and Health Services Managers	\$31.79	\$66,122	\$21.35	\$44,416	\$37.01	\$76,975	\$19.77	\$41,112	\$23.18	\$48,207	\$28.37	\$59,008	\$35.69	\$74,245	\$48.26	\$102,457
11-9121	Natural Sciences Managers	\$36.15	\$75,195	\$19.20	\$39,939	\$44.63	\$92,823	\$18.33	\$38,126	\$20.11	\$41,824	\$24.43	\$50,812	\$49.30	\$102,553	\$0.00	\$0.00
11-9131	Postmasters and Mail Superintendents	\$25.36	\$52,740	\$19.99	\$41,578	\$28.04	\$58,322	\$18.44	\$38,365	\$22.38	\$46,540	\$25.25	\$52,520	\$36.26	\$71,078	\$33.53	\$69,749
11-9141	Property, Real Estate, and Community Association Managers	\$18.71	\$38,925	\$12.17	\$23,519	\$21.98	\$45,728	\$11.02	\$22,924	\$13.77	\$28,637	\$16.62	\$34,579	\$21.86	\$45,446	\$28.61	\$59,502
11-9151	Social and Community Service Managers	\$18.97	\$39,458	\$12.15	\$25,269	\$22.38	\$46,552	\$11.44	\$23,798	\$13.10	\$27,245	\$18.03	\$37,424	\$23.02	\$47,878	\$27.57	\$57,351
11-9199	Managers, All Other	\$30.83	\$64,136	\$15.41	\$32,046	\$38.55	\$80,181	\$14.04	\$29,200	\$18.11	\$37,674	\$25.32	\$52,666	\$38.93	\$80,974	\$55.10	\$119,619
13-0000	Business and Financial Operations Occupations	\$23.77	\$49,443	\$13.52	\$28,131	\$28.89	\$60,100	\$12.32	\$25,616	\$15.82	\$32,898	\$21.11	\$43,915	\$28.33	\$58,900	\$37.19	\$79,010
13-1000	Business Operations Specialists	NA	NA														
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	NA	NA														
13-1021	Purchasing Agents and Buyers, Farm Products	\$22.01	\$45,781	\$18.17	\$37,785	\$23.93	\$49,770	\$16.99	\$35,338	\$18.97	\$39,463	\$21.68	\$45,103	\$25.31	\$52,636	\$27.86	\$57,958
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$18.02	\$37,479	\$11.04	\$22,963	\$21.51	\$44,737	\$10.20	\$21,217	\$12.09	\$25,155	\$15.68	\$32,606	\$20.70	\$43,061	\$28.74	\$59,788
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$23.48	\$48,834	\$15.66	\$32,267	\$27.39	\$56,962	\$14.50	\$30,161	\$17.43	\$36,251	\$21.46	\$40,009	\$27.87	\$57,975	\$36.63	\$74,115
13-1031	Claims Adjusters, Examiners, and Investigators	\$17.76	\$36,938	\$10.94	\$22,753	\$21.17	\$44,030	\$9.55	\$19,855	\$12.67	\$26,348	\$18.11	\$33,499	\$21.57	\$44,875	\$27.50	\$57,208
13-1032	Insurance Appraisers, Auto Damage	NA	NA														
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and T	\$22.25	\$49,403	\$14.07	\$29,269	\$23.99	\$50,470	\$10.92	\$22,767	\$16.04	\$33,318	\$20.50	\$42,947	\$27.53	\$57,253	\$39.27	\$81,894
13-1051	Cost Estimators	\$23.02	\$47,891	\$14.81	\$30,814	\$27.13	\$56,429	\$13.14	\$27,329	\$17.00	\$35,351	\$22.85	\$41,526	\$27.72	\$57,659	\$33.96	\$70,627
13-1061	Emergency Management Specialists	\$15.47	\$32,882	\$10.48	\$21,789	\$17.97	\$37,378	\$9.49	\$19,744	\$11.63	\$24,183	\$15.41	\$32,059	\$18.48	\$38,433	\$21.31	\$44,628
13-1071	Employment, Recruitment, and Placement Specialists	\$18.11	\$37,677	\$12.58	\$26,171	\$20.88	\$43,430	\$11.91	\$24,773	\$13.53	\$28,143	\$16.14	\$33,563	\$20.77	\$43,191	\$26.91	\$55,981
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$19.94	\$41,485	\$13.12	\$27,281	\$23.36	\$48,587	\$12.16	\$25,297	\$14.04	\$29,203	\$17.14	\$35,648	\$23.19	\$48,239	\$33.74	\$70,173
13-1073	Training and Development Specialists	\$18.53	\$38,598	\$12.54	\$26,880	\$21.52	\$44,769	\$11.87	\$24,690	\$14.06	\$29,235	\$17.60	\$36,614	\$22.30	\$46,389	\$27.46	\$57,121
13-1111	Management Specialists	\$33.46	\$75,622	\$15.62	\$32,668	\$40.97	\$97,140	\$12.82	\$27,526	\$15.62	\$32,668	\$21.35	\$55,988	\$39.19	\$89,119	\$30.00	\$64,200
13-1121	Meeting and Convention Planners	\$14.26	\$30,534	\$6.16	\$12,820	\$18.61	\$38,716	\$5.71	\$11,873	\$6.48	\$13,485	\$13.86	\$30,830	\$19.52	\$40,603	\$25.19	\$52,391
13-1199	Business Operations Specialists, All Other	\$26.61	\$55,345	\$15.59	\$32,426	\$32.12	\$66,804	\$14.11	\$29,342	\$18.20	\$37,853	\$25.32	\$52,663	\$33.95	\$70,620	\$42.27	\$87,919
13-2000	Financial Specialists	NA	NA														
13-2011	Accountants and Auditors	\$27.12	\$56,403	\$17.73	\$36,876	\$31.81	\$66,186	\$16.33	\$33,965	\$19.69	\$40,957	\$24.46	\$50,876	\$31.20	\$64,902	\$43.97	\$91,449
13-2021	Appraisers and Assessors of Real Estate	\$13.35	\$27,775	\$7.94	\$16,307	\$16.11	\$33,598	\$9.28	\$13,067	\$9.37	\$19,486	\$12.16	\$25,329	\$16.16	\$33,619	\$23.31	\$48,467
13-2031	Budget Analysts	NA	NA														
13-2041	Credit Analysts	\$23.64	\$49,177	\$13.71	\$28,517	\$28.61	\$59,506	\$12.67	\$26,357	\$15.45	\$32,129	\$19.64	\$40,854	\$28.62	\$59,532	\$40.94	\$

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 02

Ranked by Total Growth 2000-2010
All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
Total, All Occupations		311,230	336,900	25,670	8%	75,520	106,500	
29-1111	Registered Nurses	4,040	5,240	1,200	30%	850	2,040	1
25-9041	Teacher Assistants	2,720	3,750	1,030	38%	530	1,560	2
25-2021	Elementary School Teachers, Except Special Education	2,960	3,900	940	32%	650	1,590	3
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4,740	5,430	690	15%	990	1,680	4
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,650	2,240	590	36%	470	1,060	5
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,930	4,510	580	15%	1,030	1,620	6
35-3031	Waiters and Waitresses	3,730	4,280	550	15%	1,920	2,470	7
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,280	4,830	550	13%	810	1,360	7
49-9042	Maintenance and Repair Workers, General	3,700	4,240	540	15%	710	1,250	9
43-4171	Receptionists and Information Clerks	2,290	2,800	510	22%	560	1,070	10
51-4121	Welders, Cutters, Solderers, and Brazers	2,300	2,800	500	22%	650	1,150	11
31-1012	Nursing Aides, Orderlies, and Attendants	2,500	2,970	470	19%	330	790	12
11-1021	General and Operations Managers	4,170	4,600	430	10%	790	1,220	13
13-2011	Accountants and Auditors	1,910	2,250	340	18%	360	700	14
35-2021	Food Preparation Workers	1,900	2,220	320	17%	670	990	15
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,280	3,600	320	10%	760	1,080	15
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,030	5,350	320	6%	820	1,150	15
53-3022	Bus Drivers, School	1,230	1,530	300	24%	270	570	18
53-7064	Packers and Packagers, Hand	3,510	3,800	290	8%	660	950	19
25-2022	Middle School Teachers, Except Special and Vocational Education	1,120	1,400	280	25%	250	530	20
43-4051	Customer Service Representatives	3,260	3,530	270	8%	490	750	21
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,400	2,660	260	11%	550	810	22
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,100	1,360	260	24%	290	550	22
21-1093	Social and Human Service Assistants	420	670	250	60%	70	320	24
31-9092	Medical Assistants	620	860	240	39%	110	360	25
29-2071	Medical Records and Health Information Technicians	500	730	230	46%	70	300	26
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,750	1,980	230	13%	340	570	26
51-7011	Cabinetmakers and Bench Carpenters	870	1,080	210	24%	220	430	28
51-9122	Painters, Transportation Equipment	680	890	210	31%	180	390	28
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,060	1,260	200	19%	260	460	30
39-9021	Personal and Home Care Aides	1,110	1,310	200	18%	180	370	30
11-1011	Chief Executives	1,160	1,350	190	16%	220	410	32
31-9091	Dental Assistants	520	710	190	37%	150	340	32
43-5061	Production, Planning, and Expediting Clerks	980	1,170	190	19%	240	430	32
47-2111	Electricians	1,480	1,670	190	13%	290	480	32
17-2112	Industrial Engineers	880	1,060	180	20%	210	390	36
25-1081	Education Teachers, Postsecondary	310	490	180	58%	70	260	36
49-3023	Automotive Service Technicians and Mechanics	1,830	2,010	180	10%	490	660	36
15-1041	Computer Support Specialists	760	930	170	22%	90	260	39
33-3051	Police and Sheriff's Patrol Officers	930	1,100	170	18%	240	410	39
11-9141	Property, Real Estate, and Community Association Managers	570	730	160	28%	110	270	41
43-9061	Office Clerks, General	5,220	5,380	160	3%	1,160	1,320	41
51-6031	Sewing Machine Operators	920	1,080	160	17%	110	270	41
51-9111	Packaging and Filling Machine Operators and Tenders	1,040	1,200	160	15%	210	370	41
29-2021	Dental Hygienists	430	580	150	35%	40	190	45
29-2061	Licensed Practical and Licensed Vocational Nurses	1,250	1,400	150	12%	270	420	45
41-2011	Cashiers	7,030	7,180	150	2%	3,420	3,570	45
51-9081	Dental Laboratory Technicians	370	520	150	41%	80	230	45
11-2022	Sales Managers	580	720	140	24%	110	250	49
25-1011	Business Teachers, Postsecondary	240	380	140	58%	50	200	49
25-1041	Agricultural Sciences Teachers, Postsecondary	250	390	140	56%	60	200	49
25-1123	English Language and Literature Teachers, Postsecondary	240	380	140	58%	50	200	49
31-1011	Home Health Aides	570	710	140	25%	80	220	49
35-2014	Cooks, Restaurant	1,110	1,250	140	13%	340	490	49

35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,250	1,390	140	11%	820	960	49
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	210	140	200%	20	160	49
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,290	1,430	140	11%	210	350	49
11-3051	Industrial Production Managers	910	1,040	130	14%	180	310	58
11-9032	Education Administrators, Elementary and Secondary School	340	470	130	38%	80	210	58
11-9111	Medical and Health Services Managers	470	600	130	28%	90	220	58
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	280	410	130	46%	70	200	58
41-2021	Counter and Rental Clerks	1,300	1,430	130	10%	500	630	58
43-4111	Interviewers, Except Eligibility and Loan	380	510	130	34%	100	230	58
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,370	1,500	130	9%	340	470	58
11-3021	Computer and Information Systems Managers	390	510	120	31%	70	190	65
11-9033	Education Administrators, Postsecondary	260	380	120	46%	70	180	65
11-9041	Engineering Managers	670	790	120	18%	130	250	65
25-2012	Kindergarten Teachers, Except Special Education	290	410	120	41%	40	150	65
53-7051	Industrial Truck and Tractor Operators	1,910	2,030	120	6%	360	480	65
11-3031	Financial Managers	700	810	110	16%	100	220	70
15-1051	Computer Systems Analysts	470	580	110	23%	50	160	70
49-9041	Industrial Machinery Mechanics	510	620	110	22%	100	210	70
15-1071	Network and Computer Systems Administrators	370	470	100	27%	40	140	73
25-1022	Mathematical Science Teachers, Postsecondary	170	270	100	59%	40	140	73
25-1121	Art, Drama, and Music Teachers, Postsecondary	150	250	100	67%	30	130	73
27-3031	Public Relations Specialists	310	410	100	32%	40	150	73
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	640	740	100	16%	200	300	73
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	920	1,020	100	11%	240	340	73
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	680	780	100	15%	190	280	73
21-1012	Educational, Vocational, and School Counselors	330	420	90	27%	80	170	80
21-1021	Child, Family, and School Social Workers	480	570	90	19%	80	170	80
25-1194	Vocational Education Teachers, Postsecondary	160	250	90	56%	40	120	80
27-2022	Coaches and Scouts	320	410	90	28%	60	150	80
29-2052	Pharmacy Technicians	500	590	90	18%	70	160	80
29-2056	Veterinary Technologists and Technicians	160	250	90	56%	20	110	80
39-6011	Baggage Porters and Bellhops	40	130	90	225%	10	100	80
51-4041	Machinists	2,020	2,110	90	4%	470	560	80
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,050	1,140	90	9%	280	370	80
17-2071	Electrical Engineers	430	510	80	19%	80	160	89
25-1032	Engineering Teachers, Postsecondary	150	230	80	53%	30	120	89
25-1042	Biological Science Teachers, Postsecondary	130	210	80	62%	30	110	89
25-3021	Self-Enrichment Education Teachers	230	310	80	35%	30	110	89
29-1051	Pharmacists	500	580	80	16%	100	180	89
29-1126	Respiratory Therapists	180	260	80	44%	60	130	89
33-2011	Fire Fighters	420	500	80	19%	120	200	89
43-4121	Library Assistants, Clerical	290	370	80	28%	120	190	89
43-6011	Executive Secretaries and Administrative Assistants	2,940	3,020	80	3%	560	640	89
43-6013	Medical Secretaries	680	760	80	12%	130	210	89
47-2211	Sheet Metal Workers	590	670	80	14%	140	230	89
51-2041	Structural Metal Fabricators and Fitters	660	740	80	12%	160	230	89
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	610	690	80	13%	170	250	89
53-3033	Truck Drivers, Light or Delivery Services	2,460	2,540	80	3%	230	310	89
13-1073	Training and Development Specialists	330	400	70	21%	50	130	103
13-1111	Management Analysts	450	520	70	16%	60	140	103
23-1011	Lawyers	540	610	70	13%	70	140	103
25-1066	Psychology Teachers, Postsecondary	120	190	70	58%	30	100	103
25-1071	Health Specialties Teachers, Postsecondary	110	180	70	64%	30	100	103
29-1123	Physical Therapists	220	290	70	32%	20	100	103
29-2034	Radiologic Technologists and Technicians	390	460	70	18%	70	150	103
29-2055	Surgical Technologists	230	300	70	30%	30	110	103
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	770	70	10%	240	300	103
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	610	680	70	11%	160	230	103
43-3011	Bill and Account Collectors	490	560	70	14%	90	160	103
49-9098	Helpers--Installation, Maintenance, and Repair Workers	430	500	70	16%	150	210	103
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	610	680	70	11%	180	240	103
51-9022	Grinding and Polishing Workers, Hand	590	660	70	12%	150	220	103
51-9196	Paper Goods Machine Setters, Operators, and Tenders	350	420	70	20%	80	140	103
11-2021	Marketing Managers	270	330	60	22%	50	110	118
15-1031	Computer Software Engineers, Applications	250	310	60	24%	30	80	118
15-1081	Network Systems and Data Communications Analysts	150	210	60	40%	20	70	118
19-3031	Clinical, Counseling, and School Psychologists	230	290	60	26%	50	110	118

25-1072	Nursing Instructors and Teachers, Postsecondary	110	170	60	55%	30	90	118
25-4031	Library Technicians	220	280	60	27%	80	140	118
25-9031	Instructional Coordinators	120	180	60	50%	20	70	118
29-1122	Occupational Therapists	160	220	60	38%	20	80	118
29-1127	Speech-Language Pathologists	150	210	60	40%	40	100	118
31-2021	Physical Therapist Assistants	120	180	60	50%	20	80	118
31-9011	Massage Therapists	160	220	60	38%	30	90	118
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,940	3,000	60	2%	630	690	118
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	340	400	60	18%	70	140	118
51-2091	Fiberglass Laminators and Fabricators	1,160	1,220	60	5%	300	350	118
51-7021	Furniture Finishers	280	340	60	21%	60	110	118
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	450	510	60	13%	110	160	118
53-7063	Machine Feeders and Offbearers	870	930	60	7%	240	290	118
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	270	320	50	19%	60	110	135
15-1032	Computer Software Engineers, Systems Software	150	200	50	33%	20	70	135
15-1061	Database Administrators	180	230	50	28%	20	70	135
17-2031	Biomedical Engineers	70	120	50	71%	10	60	135
17-3013	Mechanical Drafters	450	500	50	11%	130	180	135
17-3023	Electrical and Electronic Engineering Technicians	370	420	50	14%	80	130	135
23-2011	Paralegals and Legal Assistants	430	480	50	12%	40	90	135
25-1052	Chemistry Teachers, Postsecondary	90	140	50	56%	20	70	135
25-1126	Philosophy and Religion Teachers, Postsecondary	60	110	50	83%	10	60	135
25-2042	Special Education Teachers, Middle School	110	160	50	45%	30	80	135
25-2043	Special Education Teachers, Secondary School	120	170	50	42%	30	80	135
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	150	200	50	33%	20	70	135
27-1024	Graphic Designers	270	320	50	19%	40	80	135
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	190	240	50	26%	30	90	135
35-9021	Dishwashers	1,100	1,150	50	5%	370	430	135
47-2073	Operating Engineers and Other Construction Equipment Operators	720	770	50	7%	190	240	135
47-4011	Construction and Building Inspectors	180	230	50	28%	40	90	135
49-3092	Recreational Vehicle Service Technicians	240	290	50	21%	100	160	135
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	410	460	50	12%	50	100	135
51-3011	Bakers	280	330	50	18%	70	110	135
51-9031	Cutters and Trimmers, Hand	310	360	50	16%	60	120	135
51-9191	Cementing and Gluing Machine Operators and Tenders	310	360	50	16%	80	130	135
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	260	310	50	19%	60	110	135
51-9198	Helpers--Production Workers	2,650	2,700	50	2%	740	790	135
11-3011	Administrative Services Managers	280	320	40	14%	60	90	159
11-3040	Human Resources Managers	270	310	40	15%	50	90	159
11-9151	Social and Community Service Managers	180	220	40	22%	30	80	159
13-1072	Compensation, Benefits, and Job Analysis Specialists	150	190	40	27%	20	60	159
13-2052	Personal Financial Advisors	220	260	40	18%	30	60	159
19-3021	Market Research Analysts	210	250	40	19%	60	90	159
21-1015	Rehabilitation Counselors	140	180	40	29%	30	70	159
21-1022	Medical and Public Health Social Workers	170	210	40	24%	30	70	159
21-1023	Mental Health and Substance Abuse Social Workers	130	170	40	31%	20	60	159
25-2032	Vocational Education Teachers, Secondary School	150	190	40	27%	40	80	159
27-1021	Commercial and Industrial Designers	180	220	40	22%	20	60	159
31-9094	Medical Transcriptionists	290	330	40	14%	50	100	159
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,780	1,820	40	2%	420	470	159
35-3041	Food Servers, Nonrestaurant	240	280	40	17%	80	120	159
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	460	500	40	9%	110	150	159
39-3091	Amusement and Recreation Attendants	230	270	40	17%	70	110	159
39-9031	Fitness Trainers and Aerobics Instructors	320	360	40	13%	70	120	159
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,390	1,430	40	3%	240	270	159
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	150	40	36%	30	70	159
11-9011	Farm, Ranch, and Other Agricultural Managers	180	210	30	17%	30	50	178
13-1051	Cost Estimators	490	520	30	6%	110	150	178
13-2021	Appraisers and Assessors of Real Estate	270	300	30	11%	60	90	178
15-1021	Computer Programmers	590	620	30	5%	140	170	178
17-1011	Architects, Except Landscape and Naval	190	220	30	16%	20	50	178
17-2072	Electronics Engineers, Except Computer	170	200	30	18%	30	60	178
17-3024	Electro-Mechanical Technicians	170	200	30	18%	40	60	178
17-3027	Mechanical Engineering Technicians	250	280	30	12%	50	80	178
19-2041	Environmental Scientists and Specialists, Including Health	70	100	30	43%	10	30	178
21-1014	Mental Health Counselors	130	160	30	23%	30	60	178
25-1021	Computer Science Teachers, Postsecondary	40	70	30	75%	10	30	178

25-1054	Physics Teachers, Postsecondary	60	90	30	50%	10	50	178
25-1063	Economics Teachers, Postsecondary	40	70	30	75%	10	30	178
25-1065	Political Science Teachers, Postsecondary	40	70	30	75%	10	30	178
25-1122	Communications Teachers, Postsecondary	60	90	30	50%	10	50	178
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	50	178
25-4021	Librarians	170	200	30	18%	40	70	178
27-3042	Technical Writers	80	110	30	38%	20	50	178
27-4021	Photographers	210	240	30	14%	40	70	178
29-1067	Surgeons	210	240	30	14%	30	60	178
29-1131	Veterinarians	90	120	30	33%	20	50	178
31-2022	Physical Therapist Aides	50	80	30	60%	10	30	178
35-2012	Cooks, Institution and Cafeteria	830	860	30	4%	260	290	178
37-3011	Landscaping and Groundskeeping Workers	1,570	1,600	30	2%	340	380	178
39-3031	Ushers, Lobby Attendants, and Ticket Takers	210	240	30	14%	120	150	178
39-9032	Recreation Workers	240	270	30	13%	50	90	178
41-9011	Demonstrators and Product Promoters	160	190	30	19%	40	70	178
47-2051	Cement Masons and Concrete Finishers	610	640	30	5%	120	150	178
49-3021	Automotive Body and Related Repairers	690	720	30	4%	140	180	178
49-3093	Tire Repairers and Changers	160	190	30	19%	70	90	178
49-9043	Maintenance Workers, Machinery	210	240	30	14%	50	80	178
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	130	160	30	23%	30	60	178
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	270	300	30	11%	60	90	178
53-3041	Taxi Drivers and Chauffeurs	100	130	30	30%	10	30	178
53-7081	Refuse and Recyclable Material Collectors	240	270	30	13%	60	90	178
11-3061	Purchasing Managers	330	350	20	6%	70	100	213
11-3071	Transportation, Storage, and Distribution Managers	140	160	20	14%	30	60	213
13-1071	Employment, Recruitment, and Placement Specialists	310	330	20	6%	50	70	213
13-2031	Budget Analysts	80	100	20	25%	10	30	213
13-2082	Tax Preparers	140	160	20	14%	20	50	213
17-2081	Environmental Engineers	70	90	20	29%	10	30	213
17-3025	Environmental Engineering Technicians	40	60	20	50%	10	30	213
17-3026	Industrial Engineering Technicians	220	240	20	9%	50	70	213
21-1091	Health Educators	80	100	20	25%	10	30	213
21-1092	Probation Officers and Correctional Treatment Specialists	230	250	20	9%	40	60	213
25-1031	Architecture Teachers, Postsecondary	20	40	20	100%	10	20	213
25-1061	Anthropology and Archeology Teachers, Postsecondary	30	50	20	67%	10	20	213
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	213
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	213
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	40	20	100%	10	20	213
25-1112	Law Teachers, Postsecondary	30	50	20	67%	10	30	213
25-1124	Foreign Language and Literature Teachers, Postsecondary	30	50	20	67%	10	30	213
25-1192	Home Economics Teachers, Postsecondary	30	50	20	67%	10	30	213
25-2023	Vocational Education Teachers, Middle School	70	90	20	29%	20	30	213
25-4010	Archivists, Curators, and Museum Technicians	80	100	20	25%	20	40	213
27-3041	Editors	200	220	20	10%	50	70	213
29-1011	Chiropractors	100	120	20	20%	20	40	213
29-1041	Optometrists	110	130	20	18%	30	50	213
29-1062	Family and General Practitioners	130	150	20	15%	20	40	213
29-1071	Physician Assistants	40	60	20	50%	10	20	213
29-2011	Medical and Clinical Laboratory Technologists	290	310	20	7%	80	100	213
29-2031	Cardiovascular Technologists and Technicians	70	90	20	29%	10	40	213
29-2032	Diagnostic Medical Sonographers	80	100	20	25%	20	30	213
29-2041	Emergency Medical Technicians and Paramedics	370	390	20	5%	40	70	213
29-2054	Respiratory Therapy Technicians	60	80	20	33%	10	30	213
29-2081	Opticians, Dispensing	100	120	20	20%	20	40	213
31-2011	Occupational Therapist Assistants	40	60	20	50%	10	30	213
33-3012	Correctional Officers and Jailers	290	310	20	7%	60	80	213
33-9021	Private Detectives and Investigators	190	210	20	11%	40	60	213
41-9031	Sales Engineers	220	240	20	9%	70	90	213
43-9031	Desktop Publishers	70	90	20	29%	20	30	213
47-2021	Brickmasons and Blockmasons	300	320	20	7%	50	60	213
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	100	120	20	20%	20	40	213
47-4051	Highway Maintenance Workers	360	380	20	6%	50	70	213
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	220	240	20	9%	50	70	213
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	140	160	20	14%	30	50	213
51-2031	Engine and Other Machine Assemblers	80	100	20	25%	20	40	213
51-3093	Food Cooking Machine Operators and Tenders	80	100	20	25%	20	50	213

51-9123	Painting, Coating, and Decorating Workers	130	150	20	15%	30	50	213
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	690	710	20	3%	160	190	213
53-2021	Air Traffic Controllers	30	50	20	67%	10	30	213
53-6051	Transportation Inspectors	50	70	20	40%	10	30	213
53-7072	Pump Operators, Except Wellhead Pumpers	40	60	20	50%	10	30	213
11-2011	Advertising and Promotions Managers	70	80	10	14%	10	20	261
11-2031	Public Relations Managers	60	70	10	17%	10	20	261
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	80	10	14%	20	30	261
13-1121	Meeting and Convention Planners	50	60	10	20%	10	20	261
13-2081	Tax Examiners, Collectors, and Revenue Agents	70	80	10	14%	20	30	261
17-2051	Civil Engineers	160	170	10	6%	30	40	261
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	70	10	17%	10	20	261
17-2141	Mechanical Engineers	1,010	1,020	10	1%	280	280	261
17-3031	Surveying and Mapping Technicians	60	70	10	17%	20	40	261
19-4091	Environmental Science and Protection Technicians, Including Health	30	40	10	33%	10	20	261
21-1013	Marriage and Family Therapists	30	40	10	33%	10	20	261
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	20	30	10	50%	0	10	261
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	30	40	10	33%	10	20	261
27-1014	Multi-Media Artists and Animators	90	100	10	11%	20	30	261
27-1025	Interior Designers	120	130	10	8%	20	30	261
27-2012	Producers and Directors	150	160	10	7%	20	40	261
27-2042	Musicians and Singers	140	150	10	7%	30	40	261
27-4011	Audio and Video Equipment Technicians	50	60	10	20%	10	20	261
27-4012	Broadcast Technicians	80	90	10	13%	20	30	261
29-1031	Dietitians and Nutritionists	110	120	10	9%	30	40	261
29-1061	Anesthesiologists	70	80	10	14%	10	20	261
29-1064	Obstetricians and Gynecologists	50	60	10	20%	10	10	261
29-1066	Psychiatrists	40	50	10	25%	10	20	261
29-1121	Audiologists	50	60	10	20%	10	20	261
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	261
29-2053	Psychiatric Technicians	280	290	10	4%	40	50	261
29-9091	Athletic Trainers	30	40	10	33%	10	10	261
31-9093	Medical Equipment Preparers	80	90	10	13%	10	30	261
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	70	10	17%	20	20	261
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	60	261
33-3021	Detectives and Criminal Investigators	110	120	10	9%	30	40	261
33-9091	Crossing Guards	70	80	10	14%	20	30	261
35-1011	Chefs and Head Cooks	310	320	10	3%	90	110	261
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	300	310	10	3%	30	40	261
39-5092	Manicurists and Pedicurists	40	50	10	25%	10	20	261
39-5094	Skin Care Specialists	20	30	10	50%	10	10	261
39-9041	Residential Advisors	30	40	10	33%	10	20	261
41-2031	Retail Salespersons	7,450	7,460	10	0%	2,710	2,710	261
41-3011	Advertising Sales Agents	260	270	10	4%	50	50	261
43-5031	Police, Fire, and Ambulance Dispatchers	160	170	10	6%	30	50	261
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	150	160	10	7%	40	50	261
43-6012	Legal Secretaries	240	250	10	4%	50	60	261
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	261
45-2011	Agricultural Inspectors	20	30	10	50%	10	20	261
45-2091	Agricultural Equipment Operators	60	70	10	17%	20	30	261
47-2022	Stonemasons	70	80	10	14%	10	20	261
47-2041	Carpet Installers	360	370	10	3%	60	70	261
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	60	10	20%	10	10	261
47-4031	Fence Erectors	100	110	10	10%	20	20	261
47-4041	Hazardous Materials Removal Workers	20	30	10	50%	10	20	261
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	60	10	20%	10	20	261
49-3011	Aircraft Mechanics and Service Technicians	90	100	10	11%	20	30	261
49-3041	Farm Equipment Mechanics	40	50	10	25%	10	10	261
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	80	90	10	13%	20	30	261
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,180	1,190	10	1%	230	230	261
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	160	170	10	6%	40	60	261
51-4192	Lay-Out Workers, Metal and Plastic	50	60	10	20%	10	20	261
51-5021	Job Printers	160	170	10	6%	40	40	261
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	100	110	10	10%	20	30	261
51-6092	Fabric and Apparel Patternmakers	20	30	10	50%	10	20	261
51-7032	Patternmakers, Wood	30	40	10	33%	10	10	261
51-8031	Water and Liquid Waste Treatment Plant and System Operators	140	150	10	7%	50	60	261

51-9082	Medical Appliance Technicians	40	50	10	25%	10	20	261
51-9083	Ophthalmic Laboratory Technicians	40	50	10	25%	10	20	261
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	261
53-7011	Conveyor Operators and Tenders	30	40	10	33%	10	20	261
53-7021	Crane and Tower Operators	160	170	10	6%	40	40	261
11-9051	Food Service Managers	620	620	0	0%	100	100	328
11-9061	Funeral Directors	100	100	0	0%	30	30	328
11-9081	Lodging Managers	50	50	0	0%	10	10	328
11-9121	Natural Sciences Managers	30	30	0	0%	10	10	328
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	328
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	40	40	0	0%	10	10	328
13-1021	Purchasing Agents and Buyers, Farm Products	40	40	0	0%	20	20	328
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0%	0	0	328
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	328
13-2041	Credit Analysts	80	80	0	0%	10	20	328
13-2051	Financial Analysts	60	60	0	0%	10	10	328
13-2053	Insurance Underwriters	30	30	0	0%	10	10	328
13-2071	Loan Counselors	30	30	0	0%	0	0	328
15-2031	Operations Research Analysts	20	20	0	0%	0	10	328
17-1012	Landscape Architects	20	20	0	0%	0	0	328
17-1022	Surveyors	60	60	0	0%	20	20	328
17-2131	Materials Engineers	60	60	0	0%	20	20	328
17-3011	Architectural and Civil Drafters	130	130	0	0%	40	40	328
17-3012	Electrical and Electronics Drafters	80	80	0	0%	20	20	328
17-3021	Aerospace Engineering and Operations Technicians	20	20	0	0%	0	0	328
17-3022	Civil Engineering Technicians	160	160	0	0%	30	40	328
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	10	328
19-1032	Foresters	20	20	0	0%	10	10	328
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	328
19-3051	Urban and Regional Planners	30	30	0	0%	10	10	328
19-4031	Chemical Technicians	110	110	0	0%	30	30	328
21-1011	Substance Abuse and Behavioral Disorder Counselors	50	50	0	0%	10	20	328
21-2011	Clergy	50	50	0	0%	10	10	328
23-1023	Judges, Magistrate Judges, and Magistrates	70	70	0	0%	10	10	328
23-2091	Court Reporters	60	60	0	0%	10	10	328
23-2092	Law Clerks	30	30	0	0%	0	0	328
27-1011	Art Directors	20	20	0	0%	0	10	328
27-1026	Merchandise Displayers and Window Trimmers	50	50	0	0%	10	10	328
27-2023	Umpires, Referees, and Other Sports Officials	20	20	0	0%	0	10	328
27-2041	Music Directors and Composers	20	20	0	0%	0	10	328
27-3020	News Analysts, Reporters and Correspondents	190	190	0	0%	50	50	328
27-3043	Writers and Authors	90	90	0	0%	20	20	328
27-4031	Camera Operators, Television, Video, and Motion Picture	70	70	0	0%	20	20	328
27-4032	Film and Video Editors	30	30	0	0%	10	10	328
29-1063	Internists, General	30	30	0	0%	0	10	328
29-1081	Podiatrists	30	30	0	0%	10	10	328
29-1124	Radiation Therapists	20	20	0	0%	0	10	328
29-1125	Recreational Therapists	50	50	0	0%	10	10	328
29-2012	Medical and Clinical Laboratory Technicians	380	380	0	0%	100	110	328
29-2051	Dietetic Technicians	20	20	0	0%	0	10	328
29-9010	Occupational Health and Safety Specialists and Technicians	60	60	0	0%	10	20	328
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	30	0	0%	10	20	328
33-2021	Fire Inspectors and Investigators	70	70	0	0%	20	20	328
33-3011	Bailiffs	30	30	0	0%	10	10	328
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	328
33-9032	Security Guards	1,280	1,280	0	0%	280	280	328
35-2015	Cooks, Short Order	920	920	0	0%	290	290	328
37-3013	Tree Trimmers and Pruners	40	40	0	0%	10	10	328
39-1021	First-Line Supervisors/Managers of Personal Service Workers	390	390	0	0%	100	100	328
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	328
39-4011	Embalmers	20	20	0	0%	10	10	328
39-4021	Funeral Attendants	50	50	0	0%	10	20	328
39-5011	Barbers	40	40	0	0%	10	10	328
41-9021	Real Estate Brokers	130	130	0	0%	30	30	328
43-3021	Billing and Posting Clerks and Machine Operators	1,200	1,200	0	0%	200	200	328
43-3051	Payroll and Timekeeping Clerks	530	530	0	0%	140	140	328
43-4021	Correspondence Clerks	30	30	0	0%	10	10	328

43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	328
43-4081	Hotel, Motel, and Resort Desk Clerks	340	340	0	0%	150	150	328
43-5071	Shipping, Receiving, and Traffic Clerks	2,740	2,740	0	0%	560	570	328
43-9111	Statistical Assistants	20	20	0	0%	0	0	328
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	328
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	530	530	0	0%	150	150	328
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	0%	10	20	328
45-4021	Fallers	20	20	0	0%	0	0	328
47-2031	Carpenters	3,910	3,910	0	0%	640	640	328
47-2043	Floor Sanders and Finishers	40	40	0	0%	10	10	328
47-2044	Tile and Marble Setters	40	40	0	0%	10	10	328
47-2081	Drywall and Ceiling Tile Installers	180	180	0	0%	40	40	328
47-2082	Tapers	110	110	0	0%	20	30	328
47-2121	Glaziers	150	150	0	0%	30	30	328
47-2130	Insulation Workers	70	70	0	0%	20	20	328
47-2151	Pipelayers	30	30	0	0%	10	10	328
47-2152	Plumbers, Pipefitters, and Steamfitters	1,110	1,110	0	0%	250	260	328
47-2161	Plasterers and Stucco Masons	70	70	0	0%	10	10	328
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	30	30	0	0%	10	10	328
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	130	130	0	0%	50	50	328
47-4021	Elevator Installers and Repairers	50	50	0	0%	10	10	328
47-5021	Earth Drillers, Except Oil and Gas	40	40	0	0%	10	10	328
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	328
49-2092	Electric Motor, Power Tool, and Related Repairers	100	100	0	0%	30	30	328
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	130	130	0	0%	30	30	328
49-3051	Motorboat Mechanics	40	40	0	0%	10	10	328
49-3052	Motorcycle Mechanics	30	30	0	0%	10	10	328
49-9011	Mechanical Door Repairers	20	20	0	0%	10	10	328
49-9031	Home Appliance Repairers	80	80	0	0%	20	20	328
49-9062	Medical Equipment Repairers	60	60	0	0%	20	20	328
49-9095	Manufactured Building and Mobile Home Installers	80	80	0	0%	20	20	328
51-2021	Coil Winders, Tapers, and Finishers	240	240	0	0%	60	60	328
51-3092	Food Batchmakers	190	190	0	0%	50	50	328
51-4012	Numerical Tool and Process Control Programmers	110	110	0	0%	20	20	328
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	520	0	0%	100	100	328
51-4051	Metal-Refining Furnace Operators and Tenders	90	90	0	0%	20	20	328
51-4052	Pourers and Casters, Metal	120	120	0	0%	30	30	328
51-4061	Model Makers, Metal and Plastic	70	70	0	0%	20	20	328
51-4062	Patternmakers, Metal and Plastic	60	60	0	0%	20	20	328
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	180	180	0	0%	60	60	328
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	220	220	0	0%	50	50	328
51-5023	Printing Machine Operators	710	710	0	0%	170	170	328
51-6011	Laundry and Dry-Cleaning Workers	460	460	0	0%	130	130	328
51-6051	Sewers, Hand	20	20	0	0%	0	0	328
51-6052	Tailors, Dressmakers, and Custom Sewers	50	50	0	0%	10	10	328
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	130	130	0	0%	30	30	328
51-7031	Model Makers, Wood	30	30	0	0%	10	10	328
51-8013	Power Plant Operators	20	20	0	0%	10	10	328
51-8021	Stationary Engineers and Boiler Operators	60	60	0	0%	10	10	328
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	140	140	0	0%	30	40	328
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	10	328
51-9194	Etchers and Engravers	80	80	0	0%	20	20	328
53-2011	Airline Pilots, Copilots, and Flight Engineers	20	20	0	0%	10	10	328
53-2012	Commercial Pilots	40	40	0	0%	10	20	328
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	328
53-3021	Bus Drivers, Transit and Intercity	80	80	0	0%	20	20	328
53-6031	Service Station Attendants	110	110	0	0%	50	50	328
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	20	328
53-7061	Cleaners of Vehicles and Equipment	570	570	0	0%	200	200	328
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	328
11-1031	Legislators	200	190	-10	-5%	30	30	450
13-1031	Claims Adjusters, Examiners, and Investigators	140	130	-10	-7%	20	20	450
13-2061	Financial Examiners	20	10	-10	-50%	0	0	450
17-2041	Chemical Engineers	60	50	-10	-17%	20	20	450
19-1021	Biochemists and Biophysicists	30	20	-10	-33%	10	10	450
19-4021	Biological Technicians	110	100	-10	-9%	20	20	450
29-1020	Dentists	320	310	-10	-3%	50	50	450

29-2091	Orthotists and Prosthetists	50	40	-10	-20%	10	10	450
31-9095	Pharmacy Aides	160	150	-10	-6%	30	30	450
37-2012	Maids and Housekeeping Cleaners	1,770	1,760	-10	-1%	370	370	450
39-2021	Nonfarm Animal Caretakers	200	190	-10	-5%	50	50	450
39-9011	Child Care Workers	1,430	1,420	-10	-1%	390	390	450
43-2021	Telephone Operators	20	10	-10	-50%	10	10	450
43-3061	Procurement Clerks	120	110	-10	-8%	30	30	450
43-4041	Credit Authorizers, Checkers, and Clerks	50	40	-10	-20%	10	10	450
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	450
43-5011	Cargo and Freight Agents	70	60	-10	-14%	20	20	450
43-5032	Dispatchers, Except Police, Fire, and Ambulance	340	330	-10	-3%	70	70	450
43-5051	Postal Service Clerks	150	140	-10	-7%	40	40	450
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	90	80	-10	-11%	30	30	450
43-9071	Office Machine Operators, Except Computer	60	50	-10	-17%	10	10	450
43-9081	Proofreaders and Copy Markers	50	40	-10	-20%	10	10	450
47-2011	Boilermakers	70	60	-10	-14%	30	30	450
47-2181	Roofers	400	390	-10	-3%	90	90	450
47-3013	Helpers--Electricians	120	110	-10	-8%	50	50	450
49-2098	Security and Fire Alarm Systems Installers	20	10	-10	-50%	0	0	450
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	50	-10	-17%	10	10	450
49-9052	Telecommunications Line Installers and Repairers	100	90	-10	-10%	30	30	450
49-9094	Locksmiths and Safe Repairers	50	40	-10	-20%	20	20	450
49-9096	Riggers	20	10	-10	-50%	0	0	450
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	30	20	-10	-33%	10	10	450
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4%	40	40	450
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,850	1,840	-10	-1%	460	460	450
51-4194	Tool Grinders, Filers, and Sharpeners	190	180	-10	-5%	60	60	450
51-5012	Bookbinders	60	50	-10	-17%	20	20	450
51-8091	Chemical Plant and System Operators	40	30	-10	-25%	10	10	450
51-9011	Chemical Equipment Operators and Tenders	50	40	-10	-20%	20	20	450
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	250	240	-10	-4%	70	70	450
51-9193	Cooling and Freezing Equipment Operators and Tenders	80	70	-10	-13%	20	20	450
53-7121	Tank Car, Truck, and Ship Loaders	70	60	-10	-14%	20	20	450
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	280	-20	-7%	80	80	490
19-2031	Chemists	150	130	-20	-13%	50	50	490
25-2011	Preschool Teachers, Except Special Education	530	510	-20	-4%	60	60	490
37-2021	Pest Control Workers	90	70	-20	-22%	10	10	490
41-2022	Parts Salespersons	430	410	-20	-5%	120	120	490
41-9041	Telemarketers	100	80	-20	-20%	20	20	490
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	80	60	-20	-25%	20	20	490
43-4011	Brokerage Clerks	40	20	-20	-50%	10	10	490
43-4141	New Accounts Clerks	130	110	-20	-15%	30	30	490
43-5041	Meter Readers, Utilities	70	50	-20	-29%	20	20	490
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	90	70	-20	-22%	40	40	490
49-9051	Electrical Power-Line Installers and Repairers	100	80	-20	-20%	30	30	490
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	120	100	-20	-17%	30	30	490
51-6093	Upholsterers	640	620	-20	-3%	160	160	490
23-2093	Title Examiners, Abstractors, and Searchers	130	100	-30	-23%	10	10	504
27-1023	Floral Designers	230	200	-30	-13%	30	30	504
27-3010	Announcers	130	100	-30	-23%	30	30	504
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,290	1,260	-30	-2%	240	240	504
43-2011	Switchboard Operators, Including Answering Service	480	450	-30	-6%	120	120	504
43-9041	Insurance Claims and Policy Processing Clerks	210	180	-30	-14%	30	30	504
47-3012	Helpers--Carpenters	210	180	-30	-14%	90	90	504
49-9044	Millwrights	250	220	-30	-12%	60	60	504
51-3021	Butchers and Meat Cutters	180	150	-30	-17%	40	40	504
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	550	520	-30	-5%	130	130	504
51-6021	Pressers, Textile, Garment, and Related Materials	200	170	-30	-15%	30	30	504
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	420	390	-30	-7%	110	110	504
53-6021	Parking Lot Attendants	80	50	-30	-38%	30	30	504
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,030	3,990	-40	-1%	1,750	1,750	517
41-3041	Travel Agents	160	120	-40	-25%	40	40	517
41-9022	Real Estate Sales Agents	790	750	-40	-5%	160	160	517
43-4071	File Clerks	330	290	-40	-12%	100	100	517
47-2061	Construction Laborers	1,030	990	-40	-4%	140	140	517
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,610	1,570	-40	-2%	540	540	517
51-4071	Foundry Mold and Coremakers	420	380	-40	-10%	110	110	517

51-5022	Prepress Technicians and Workers	290	250	-40	-14%	70	70	517
13-2072	Loan Officers	440	390	-50	-11%	70	70	525
35-3011	Bartenders	1,240	1,190	-50	-4%	490	490	525
41-3031	Securities, Commodities, and Financial Services Sales Agents	310	260	-50	-16%	40	40	525
43-5021	Couriers and Messengers	230	180	-50	-22%	50	50	525
43-5052	Postal Service Mail Carriers	700	650	-50	-7%	220	220	525
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	320	270	-50	-16%	80	80	525
43-9011	Computer Operators	220	170	-50	-23%	50	50	525
47-2141	Painters, Construction and Maintenance	640	590	-50	-8%	100	100	525
47-2142	Paperhangers	290	240	-50	-17%	40	40	525
49-2011	Computer, Automated Teller, and Office Machine Repairers	270	220	-50	-19%	30	30	525
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	450	400	-50	-11%	90	90	525
51-5011	Bindery Workers	280	230	-50	-18%	70	70	525
11-9021	Construction Managers	770	710	-60	-8%	140	140	537
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	250	190	-60	-24%	50	50	537
43-9021	Data Entry Keyers	430	370	-60	-14%	100	100	537
51-3023	Slaughterers and Meat Packers	240	180	-60	-25%	50	50	537
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	390	330	-60	-15%	60	60	537
43-4131	Loan Interviewers and Clerks	240	160	-80	-33%	30	30	542
43-4151	Order Clerks	750	660	-90	-12%	170	170	543
51-4111	Tool and Die Makers	820	730	-90	-11%	180	180	543
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	270	180	-90	-33%	90	90	543
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,340	3,240	-100	-3%	600	600	546
41-3021	Insurance Sales Agents	680	580	-100	-15%	160	160	546
47-2221	Structural Iron and Steel Workers	390	280	-110	-28%	80	80	548
51-2023	Electromechanical Equipment Assemblers	370	260	-110	-30%	90	90	548
43-3071	Tellers	1,210	1,090	-120	-10%	600	600	550
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,510	5,380	-130	-2%	1,800	1,800	551
51-2022	Electrical and Electronic Equipment Assemblers	660	520	-140	-21%	160	160	552
51-2092	Team Assemblers	14,680	14,520	-160	-1%	3,800	3,800	553
43-9022	Word Processors and Typists	410	230	-180	-44%	90	90	554
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,790	3,600	-190	-5%	710	710	555
35-2011	Cooks, Fast Food	1,620	1,410	-210	-13%	500	500	556
53-3031	Driver/Sales Workers	1,460	1,230	-230	-16%	240	240	557
43-6014	Secretaries, Except Legal, Medical, and Executive	3,770	3,480	-290	-8%	720	720	558
43-5081	Stock Clerks and Order Fillers	3,960	3,510	-450	-11%	1,460	1,460	559

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 02

Ranked by Growth Rate (Percent Change 2000-2010)
All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
Total, All Occupations		311,230	336,900	25,670	8%	75,520	106,500	
39-6011	Baggage Porters and Bellhops	40	130	90	225%	10	100	1
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	210	140	200%	20	160	2
25-1031	Architecture Teachers, Postsecondary	20	40	20	100%	10	20	3
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	40	20	100%	10	20	3
25-1126	Philosophy and Religion Teachers, Postsecondary	60	110	50	83%	10	60	5
25-1021	Computer Science Teachers, Postsecondary	40	70	30	75%	10	30	6
25-1063	Economics Teachers, Postsecondary	40	70	30	75%	10	30	6
25-1065	Political Science Teachers, Postsecondary	40	70	30	75%	10	30	6
17-2031	Biomedical Engineers	70	120	50	71%	10	60	9
25-1061	Anthropology and Archeology Teachers, Postsecondary	30	50	20	67%	10	20	10
25-1112	Law Teachers, Postsecondary	30	50	20	67%	10	30	10
25-1121	Art, Drama, and Music Teachers, Postsecondary	150	250	100	67%	30	130	10
25-1124	Foreign Language and Literature Teachers, Postsecondary	30	50	20	67%	10	30	10
25-1192	Home Economics Teachers, Postsecondary	30	50	20	67%	10	30	10
53-2021	Air Traffic Controllers	30	50	20	67%	10	30	10
25-1071	Health Specialties Teachers, Postsecondary	110	180	70	64%	30	100	16
25-1042	Biological Science Teachers, Postsecondary	130	210	80	62%	30	110	17
31-2022	Physical Therapist Aides	50	80	30	60%	10	30	18
21-1093	Social and Human Service Assistants	420	670	250	60%	70	320	19
25-1022	Mathematical Science Teachers, Postsecondary	170	270	100	59%	40	140	20
25-1011	Business Teachers, Postsecondary	240	380	140	58%	50	200	21
25-1066	Psychology Teachers, Postsecondary	120	190	70	58%	30	100	21
25-1123	English Language and Literature Teachers, Postsecondary	240	380	140	58%	50	200	21
25-1081	Education Teachers, Postsecondary	310	490	180	58%	70	260	24
25-1194	Vocational Education Teachers, Postsecondary	160	250	90	56%	40	120	25
29-2056	Veterinary Technologists and Technicians	160	250	90	56%	20	110	25
25-1041	Agricultural Sciences Teachers, Postsecondary	250	390	140	56%	60	200	27
25-1052	Chemistry Teachers, Postsecondary	90	140	50	56%	20	70	28
25-1072	Nursing Instructors and Teachers, Postsecondary	110	170	60	55%	30	90	29
25-1032	Engineering Teachers, Postsecondary	150	230	80	53%	30	120	30
17-3025	Environmental Engineering Technicians	40	60	20	50%	10	30	31
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	20	30	10	50%	0	10	31
25-1054	Physics Teachers, Postsecondary	60	90	30	50%	10	50	31
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	31
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	31
25-1122	Communications Teachers, Postsecondary	60	90	30	50%	10	50	31
25-9031	Instructional Coordinators	120	180	60	50%	20	70	31
29-1071	Physician Assistants	40	60	20	50%	10	20	31
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	31
31-2011	Occupational Therapist Assistants	40	60	20	50%	10	30	31
31-2021	Physical Therapist Assistants	120	180	60	50%	20	80	31
39-5094	Skin Care Specialists	20	30	10	50%	10	10	31
45-2011	Agricultural Inspectors	20	30	10	50%	10	20	31
47-4041	Hazardous Materials Removal Workers	20	30	10	50%	10	20	31
51-6092	Fabric and Apparel Patternmakers	20	30	10	50%	10	20	31
53-7072	Pump Operators, Except Wellhead Pumpers	40	60	20	50%	10	30	31
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	280	410	130	46%	70	200	47
11-9033	Education Administrators, Postsecondary	260	380	120	46%	70	180	48
29-2071	Medical Records and Health Information Technicians	500	730	230	46%	70	300	49
25-2042	Special Education Teachers, Middle School	110	160	50	45%	30	80	50
29-1126	Respiratory Therapists	180	260	80	44%	60	130	51
19-2041	Environmental Scientists and Specialists, Including Health	70	100	30	43%	10	30	52
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	50	52
25-2043	Special Education Teachers, Secondary School	120	170	50	42%	30	80	54

25-2012	Kindergarten Teachers, Except Special Education	290	410	120	41%	40	150	55
51-9081	Dental Laboratory Technicians	370	520	150	41%	80	230	56
15-1081	Network Systems and Data Communications Analysts	150	210	60	40%	20	70	57
29-1127	Speech-Language Pathologists	150	210	60	40%	40	100	57
53-6051	Transportation Inspectors	50	70	20	40%	10	30	57
31-9092	Medical Assistants	620	860	240	39%	110	360	60
11-9032	Education Administrators, Elementary and Secondary School	340	470	130	38%	80	210	61
25-9041	Teacher Assistants	2,720	3,750	1,030	38%	530	1,560	62
27-3042	Technical Writers	80	110	30	38%	20	50	63
29-1122	Occupational Therapists	160	220	60	38%	20	80	63
31-9011	Massage Therapists	160	220	60	38%	30	90	63
31-9091	Dental Assistants	520	710	190	37%	150	340	66
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	150	40	36%	30	70	67
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,650	2,240	590	36%	470	1,060	68
29-2021	Dental Hygienists	430	580	150	35%	40	190	69
25-3021	Self-Enrichment Education Teachers	230	310	80	35%	30	110	70
43-4111	Interviewers, Except Eligibility and Loan	380	510	130	34%	100	230	71
15-1032	Computer Software Engineers, Systems Software	150	200	50	33%	20	70	72
19-4091	Environmental Science and Protection Technicians, Including Health	30	40	10	33%	10	20	72
21-1013	Marriage and Family Therapists	30	40	10	33%	10	20	72
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	150	200	50	33%	20	70	72
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	30	40	10	33%	10	20	72
29-1131	Veterinarians	90	120	30	33%	20	50	72
29-2054	Respiratory Therapy Technicians	60	80	20	33%	10	30	72
29-9091	Athletic Trainers	30	40	10	33%	10	10	72
39-9041	Residential Advisors	30	40	10	33%	10	20	72
51-7032	Patternmakers, Wood	30	40	10	33%	10	10	72
53-7011	Conveyor Operators and Tenders	30	40	10	33%	10	20	72
27-3031	Public Relations Specialists	310	410	100	32%	40	150	83
29-1123	Physical Therapists	220	290	70	32%	20	100	84
25-2021	Elementary School Teachers, Except Special Education	2,960	3,900	940	32%	650	1,590	85
51-9122	Painters, Transportation Equipment	680	890	210	31%	180	390	86
11-3021	Computer and Information Systems Managers	390	510	120	31%	70	190	87
21-1023	Mental Health and Substance Abuse Social Workers	130	170	40	31%	20	60	87
29-2055	Surgical Technologists	230	300	70	30%	30	110	89
53-3041	Taxi Drivers and Chauffeurs	100	130	30	30%	10	30	90
29-1111	Registered Nurses	4,040	5,240	1,200	30%	850	2,040	91
17-2081	Environmental Engineers	70	90	20	29%	10	30	92
21-1015	Rehabilitation Counselors	140	180	40	29%	30	70	92
25-2023	Vocational Education Teachers, Middle School	70	90	20	29%	20	30	92
29-2031	Cardiovascular Technologists and Technicians	70	90	20	29%	10	40	92
43-9031	Desktop Publishers	70	90	20	29%	20	30	92
27-2022	Coaches and Scouts	320	410	90	28%	60	150	97
11-9141	Property, Real Estate, and Community Association Managers	570	730	160	28%	110	270	98
15-1061	Database Administrators	180	230	50	28%	20	70	99
47-4011	Construction and Building Inspectors	180	230	50	28%	40	90	99
11-9111	Medical and Health Services Managers	470	600	130	28%	90	220	101
43-4121	Library Assistants, Clerical	290	370	80	28%	120	190	102
21-1012	Educational, Vocational, and School Counselors	330	420	90	27%	80	170	103
25-4031	Library Technicians	220	280	60	27%	80	140	103
15-1071	Network and Computer Systems Administrators	370	470	100	27%	40	140	105
13-1072	Compensation, Benefits, and Job Analysis Specialists	150	190	40	27%	20	60	106
25-2032	Vocational Education Teachers, Secondary School	150	190	40	27%	40	80	106
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	190	240	50	26%	30	90	108
19-3031	Clinical, Counseling, and School Psychologists	230	290	60	26%	50	110	109
13-2031	Budget Analysts	80	100	20	25%	10	30	110
21-1091	Health Educators	80	100	20	25%	10	30	110
25-2022	Middle School Teachers, Except Special and Vocational Education	1,120	1,400	280	25%	250	530	110
25-4010	Archivists, Curators, and Museum Technicians	80	100	20	25%	20	40	110
29-1066	Psychiatrists	40	50	10	25%	10	20	110
29-2032	Diagnostic Medical Sonographers	80	100	20	25%	20	30	110
39-5092	Manicurists and Pedicurists	40	50	10	25%	10	20	110
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	110
49-3041	Farm Equipment Mechanics	40	50	10	25%	10	10	110
51-2031	Engine and Other Machine Assemblers	80	100	20	25%	20	40	110
51-3093	Food Cooking Machine Operators and Tenders	80	100	20	25%	20	50	110
51-9082	Medical Appliance Technicians	40	50	10	25%	10	20	110

51-9083	Ophthalmic Laboratory Technicians	40	50	10	25%	10	20	110
31-1011	Home Health Aides	570	710	140	25%	80	220	123
53-3022	Bus Drivers, School	1,230	1,530	300	24%	270	570	124
11-2022	Sales Managers	580	720	140	24%	110	250	125
51-7011	Cabinetmakers and Bench Carpenters	870	1,080	210	24%	220	430	125
15-1031	Computer Software Engineers, Applications	250	310	60	24%	30	80	127
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,100	1,360	260	24%	290	550	128
21-1022	Medical and Public Health Social Workers	170	210	40	24%	30	70	129
15-1051	Computer Systems Analysts	470	580	110	23%	50	160	130
21-1014	Mental Health Counselors	130	160	30	23%	30	60	131
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	130	160	30	23%	30	60	131
15-1041	Computer Support Specialists	760	930	170	22%	90	260	133
43-4171	Receptionists and Information Clerks	2,290	2,800	510	22%	560	1,070	134
11-2021	Marketing Managers	270	330	60	22%	50	110	135
11-9151	Social and Community Service Managers	180	220	40	22%	30	80	135
27-1021	Commercial and Industrial Designers	180	220	40	22%	20	60	135
51-4121	Welders, Cutters, Solderers, and Brazers	2,300	2,800	500	22%	650	1,150	138
49-9041	Industrial Machinery Mechanics	510	620	110	22%	100	210	139
51-7021	Furniture Finishers	280	340	60	21%	60	110	140
13-1073	Training and Development Specialists	330	400	70	21%	50	130	141
49-3092	Recreational Vehicle Service Technicians	240	290	50	21%	100	160	142
17-2112	Industrial Engineers	880	1,060	180	20%	210	390	143
13-1121	Meeting and Convention Planners	50	60	10	20%	10	20	144
27-4011	Audio and Video Equipment Technicians	50	60	10	20%	10	20	144
29-1011	Chiropractors	100	120	20	20%	20	40	144
29-1064	Obstetricians and Gynecologists	50	60	10	20%	10	10	144
29-1121	Audiologists	50	60	10	20%	10	20	144
29-2081	Opticians, Dispensing	100	120	20	20%	20	40	144
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	100	120	20	20%	20	40	144
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	60	10	20%	10	10	144
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	60	10	20%	10	20	144
51-4192	Lay-Out Workers, Metal and Plastic	50	60	10	20%	10	20	144
51-9196	Paper Goods Machine Setters, Operators, and Tenders	350	420	70	20%	80	140	144
43-5061	Production, Planning, and Expediting Clerks	980	1,170	190	19%	240	430	155
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	260	310	50	19%	60	110	156
19-3021	Market Research Analysts	210	250	40	19%	60	90	157
33-2011	Fire Fighters	420	500	80	19%	120	200	157
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,060	1,260	200	19%	260	460	159
31-1012	Nursing Aides, Orderlies, and Attendants	2,500	2,970	470	19%	330	790	160
21-1021	Child, Family, and School Social Workers	480	570	90	19%	80	170	161
41-9011	Demonstrators and Product Promoters	160	190	30	19%	40	70	161
49-3093	Tire Repairers and Changers	160	190	30	19%	70	90	161
17-2071	Electrical Engineers	430	510	80	19%	80	160	164
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	270	320	50	19%	60	110	165
27-1024	Graphic Designers	270	320	50	19%	40	80	165
33-3051	Police and Sheriff's Patrol Officers	930	1,100	170	18%	240	410	167
13-2052	Personal Financial Advisors	220	260	40	18%	30	60	168
29-1041	Optometrists	110	130	20	18%	30	50	168
39-9021	Personal and Home Care Aides	1,110	1,310	200	18%	180	370	170
29-2052	Pharmacy Technicians	500	590	90	18%	70	160	171
29-2034	Radiologic Technologists and Technicians	390	460	70	18%	70	150	172
11-9041	Engineering Managers	670	790	120	18%	130	250	173
51-3011	Bakers	280	330	50	18%	70	110	174
13-2011	Accountants and Auditors	1,910	2,250	340	18%	360	700	175
17-2072	Electronics Engineers, Except Computer	170	200	30	18%	30	60	176
17-3024	Electro-Mechanical Technicians	170	200	30	18%	40	60	176
25-4021	Librarians	170	200	30	18%	40	70	176
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	340	400	60	18%	70	140	176
39-3091	Amusement and Recreation Attendants	230	270	40	17%	70	110	180
51-6031	Sewing Machine Operators	920	1,080	160	17%	110	270	180
35-2021	Food Preparation Workers	1,900	2,220	320	17%	670	990	182
11-2031	Public Relations Managers	60	70	10	17%	10	20	183
11-9011	Farm, Ranch, and Other Agricultural Managers	180	210	30	17%	30	50	183
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	70	10	17%	10	20	183
17-3031	Surveying and Mapping Technicians	60	70	10	17%	20	40	183
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	70	10	17%	20	20	183
35-3041	Food Servers, Nonrestaurant	240	280	40	17%	80	120	183

45-2091	Agricultural Equipment Operators	60	70	10	17%	20	30	183
11-1011	Chief Executives	1,160	1,350	190	16%	220	410	190
49-9098	Helpers--Installation, Maintenance, and Repair Workers	430	500	70	16%	150	210	191
51-9031	Cutters and Trimmers, Hand	310	360	50	16%	60	120	192
51-9191	Cementing and Gluing Machine Operators and Tenders	310	360	50	16%	80	130	192
29-1051	Pharmacists	500	580	80	16%	100	180	194
17-1011	Architects, Except Landscape and Naval	190	220	30	16%	20	50	195
11-3031	Financial Managers	700	810	110	16%	100	220	196
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	640	740	100	16%	200	300	197
13-1111	Management Analysts	450	520	70	16%	60	140	198
29-1062	Family and General Practitioners	130	150	20	15%	20	40	199
51-9111	Packaging and Filling Machine Operators and Tenders	1,040	1,200	160	15%	210	370	199
51-9123	Painting, Coating, and Decorating Workers	130	150	20	15%	30	50	199
11-3040	Human Resources Managers	270	310	40	15%	50	90	202
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,930	4,510	580	15%	1,030	1,620	203
35-3031	Waiters and Waitresses	3,730	4,280	550	15%	1,920	2,470	204
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	680	780	100	15%	190	280	205
49-9042	Maintenance and Repair Workers, General	3,700	4,240	540	15%	710	1,250	206
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4,740	5,430	690	15%	990	1,680	207
11-2011	Advertising and Promotions Managers	70	80	10	14%	10	20	208
11-3011	Administrative Services Managers	280	320	40	14%	60	90	208
11-3051	Industrial Production Managers	910	1,040	130	14%	180	310	208
11-3071	Transportation, Storage, and Distribution Managers	140	160	20	14%	30	60	208
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	80	10	14%	20	30	208
13-2081	Tax Examiners, Collectors, and Revenue Agents	70	80	10	14%	20	30	208
13-2082	Tax Preparers	140	160	20	14%	20	50	208
27-4021	Photographers	210	240	30	14%	40	70	208
29-1061	Anesthesiologists	70	80	10	14%	10	20	208
29-1067	Surgeons	210	240	30	14%	30	60	208
33-9091	Crossing Guards	70	80	10	14%	20	30	208
39-3031	Ushers, Lobby Attendants, and Ticket Takers	210	240	30	14%	120	150	208
43-3011	Bill and Account Collectors	490	560	70	14%	90	160	208
47-2022	Stonemasons	70	80	10	14%	10	20	208
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	140	160	20	14%	30	50	208
49-9043	Maintenance Workers, Machinery	210	240	30	14%	50	80	208
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	208
31-9094	Medical Transcriptionists	290	330	40	14%	50	100	225
47-2211	Sheet Metal Workers	590	670	80	14%	140	230	226
17-3023	Electrical and Electronic Engineering Technicians	370	420	50	14%	80	130	227
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	450	510	60	13%	110	160	228
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,750	1,980	230	13%	340	570	229
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	610	690	80	13%	170	250	230
23-1011	Lawyers	540	610	70	13%	70	140	231
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,280	4,830	550	13%	810	1,360	232
47-2111	Electricians	1,480	1,670	190	13%	290	480	233
35-2014	Cooks, Restaurant	1,110	1,250	140	13%	340	490	234
27-4012	Broadcast Technicians	80	90	10	13%	20	30	235
31-9093	Medical Equipment Preparers	80	90	10	13%	10	30	235
39-9031	Fitness Trainers and Aerobics Instructors	320	360	40	13%	70	120	235
39-9032	Recreation Workers	240	270	30	13%	50	90	235
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	80	90	10	13%	20	30	235
53-7081	Refuse and Recyclable Material Collectors	240	270	30	13%	60	90	235
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	410	460	50	12%	50	100	241
51-2041	Structural Metal Fabricators and Fitters	660	740	80	12%	160	230	242
17-3027	Mechanical Engineering Technicians	250	280	30	12%	50	80	243
29-2061	Licensed Practical and Licensed Vocational Nurses	1,250	1,400	150	12%	270	420	243
51-9022	Grinding and Polishing Workers, Hand	590	660	70	12%	150	220	245
43-6013	Medical Secretaries	680	760	80	12%	130	210	246
23-2011	Paralegals and Legal Assistants	430	480	50	12%	40	90	247
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	610	680	70	11%	160	230	248
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	610	680	70	11%	180	240	248
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,250	1,390	140	11%	820	960	250
13-2021	Appraisers and Assessors of Real Estate	270	300	30	11%	60	90	251
17-3013	Mechanical Drafters	450	500	50	11%	130	180	251
27-1014	Multi-Media Artists and Animators	90	100	10	11%	20	30	251
49-3011	Aircraft Mechanics and Service Technicians	90	100	10	11%	20	30	251
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	270	300	30	11%	60	90	251

49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	920	1,020	100	11%	240	340	256
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,290	1,430	140	11%	210	350	257
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,400	2,660	260	11%	550	810	258
33-9021	Private Detectives and Investigators	190	210	20	11%	40	60	259
11-1021	General and Operations Managers	4,170	4,600	430	10%	790	1,220	260
27-3041	Editors	200	220	20	10%	50	70	261
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	770	70	10%	240	300	261
41-2021	Counter and Rental Clerks	1,300	1,430	130	10%	500	630	261
47-4031	Fence Erectors	100	110	10	10%	20	20	261
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	100	110	10	10%	20	30	261
49-3023	Automotive Service Technicians and Mechanics	1,830	2,010	180	10%	490	660	266
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,280	3,600	320	10%	760	1,080	267
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,370	1,500	130	9%	340	470	268
17-3026	Industrial Engineering Technicians	220	240	20	9%	50	70	269
29-1031	Dietitians and Nutritionists	110	120	10	9%	30	40	269
33-3021	Detectives and Criminal Investigators	110	120	10	9%	30	40	269
41-9031	Sales Engineers	220	240	20	9%	70	90	269
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	220	240	20	9%	50	70	269
21-1092	Probation Officers and Correctional Treatment Specialists	230	250	20	9%	40	60	274
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	460	500	40	9%	110	150	274
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,050	1,140	90	9%	280	370	276
27-1025	Interior Designers	120	130	10	8%	20	30	277
43-4051	Customer Service Representatives	3,260	3,530	270	8%	490	750	278
53-7064	Packers and Packagers, Hand	3,510	3,800	290	8%	660	950	279
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	60	280
27-2042	Musicians and Singers	140	150	10	7%	30	40	281
51-8031	Water and Liquid Waste Treatment Plant and System Operators	140	150	10	7%	50	60	281
47-2073	Operating Engineers and Other Construction Equipment Operators	720	770	50	7%	190	240	283
29-2011	Medical and Clinical Laboratory Technologists	290	310	20	7%	80	100	284
33-3012	Correctional Officers and Jailers	290	310	20	7%	60	80	284
53-7063	Machine Feeders and Offbearers	870	930	60	7%	240	290	284
27-2012	Producers and Directors	150	160	10	7%	20	40	287
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	150	160	10	7%	40	50	287
47-2021	Brickmasons and Blockmasons	300	320	20	7%	50	60	287
13-1071	Employment, Recruitment, and Placement Specialists	310	330	20	6%	50	70	290
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,030	5,350	320	6%	820	1,150	291
53-7051	Industrial Truck and Tractor Operators	1,910	2,030	120	6%	360	480	292
17-2051	Civil Engineers	160	170	10	6%	30	40	293
43-5031	Police, Fire, and Ambulance Dispatchers	160	170	10	6%	30	50	293
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	160	170	10	6%	40	60	293
51-5021	Job Printers	160	170	10	6%	40	40	293
53-7021	Crane and Tower Operators	160	170	10	6%	40	40	293
13-1051	Cost Estimators	490	520	30	6%	110	150	298
11-3061	Purchasing Managers	330	350	20	6%	70	100	299
47-4051	Highway Maintenance Workers	360	380	20	6%	50	70	300
29-2041	Emergency Medical Technicians and Paramedics	370	390	20	5%	40	70	301
51-2091	Fiberglass Laminators and Fabricators	1,160	1,220	60	5%	300	350	302
15-1021	Computer Programmers	590	620	30	5%	140	170	303
47-2051	Cement Masons and Concrete Finishers	610	640	30	5%	120	150	304
35-9021	Dishwashers	1,100	1,150	50	5%	370	430	305
51-4041	Machinists	2,020	2,110	90	4%	470	560	306
49-3021	Automotive Body and Related Repairers	690	720	30	4%	140	180	307
43-6012	Legal Secretaries	240	250	10	4%	50	60	308
41-3011	Advertising Sales Agents	260	270	10	4%	50	50	309
35-2012	Cooks, Institution and Cafeteria	830	860	30	4%	260	290	310
29-2053	Psychiatric Technicians	280	290	10	4%	40	50	311
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	300	310	10	3%	30	40	312
53-3033	Truck Drivers, Light or Delivery Services	2,460	2,540	80	3%	230	310	313
35-1011	Chefs and Head Cooks	310	320	10	3%	90	110	314
43-9061	Office Clerks, General	5,220	5,380	160	3%	1,160	1,320	315
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	690	710	20	3%	160	190	316
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,390	1,430	40	3%	240	270	317
47-2041	Carpet Installers	360	370	10	3%	60	70	318
43-6011	Executive Secretaries and Administrative Assistants	2,940	3,020	80	3%	560	640	319
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,780	1,820	40	2%	420	470	320
41-2011	Cashiers	7,030	7,180	150	2%	3,420	3,570	321
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,940	3,000	60	2%	630	690	322

37-3011	Landscaping and Groundskeeping Workers	1,570	1,600	30	2%	340	380	323
51-9198	Helpers--Production Workers	2,650	2,700	50	2%	740	790	324
17-2141	Mechanical Engineers	1,010	1,020	10	1%	280	280	325
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,180	1,190	10	1%	230	230	326
41-2031	Retail Salespersons	7,450	7,460	10	0%	2,710	2,710	327
11-9051	Food Service Managers	620	620	0	0%	100	100	328
11-9061	Funeral Directors	100	100	0	0%	30	30	328
11-9081	Lodging Managers	50	50	0	0%	10	10	328
11-9121	Natural Sciences Managers	30	30	0	0%	10	10	328
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	328
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	40	40	0	0%	10	10	328
13-1021	Purchasing Agents and Buyers, Farm Products	40	40	0	0%	20	20	328
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0%	0	0	328
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	328
13-2041	Credit Analysts	80	80	0	0%	10	20	328
13-2051	Financial Analysts	60	60	0	0%	10	10	328
13-2053	Insurance Underwriters	30	30	0	0%	10	10	328
13-2071	Loan Counselors	30	30	0	0%	0	0	328
15-2031	Operations Research Analysts	20	20	0	0%	0	10	328
17-1012	Landscape Architects	20	20	0	0%	0	0	328
17-1022	Surveyors	60	60	0	0%	20	20	328
17-2131	Materials Engineers	60	60	0	0%	20	20	328
17-3011	Architectural and Civil Drafters	130	130	0	0%	40	40	328
17-3012	Electrical and Electronics Drafters	80	80	0	0%	20	20	328
17-3021	Aerospace Engineering and Operations Technicians	20	20	0	0%	0	0	328
17-3022	Civil Engineering Technicians	160	160	0	0%	30	40	328
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	10	328
19-1032	Foresters	20	20	0	0%	10	10	328
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	328
19-3051	Urban and Regional Planners	30	30	0	0%	10	10	328
19-4031	Chemical Technicians	110	110	0	0%	30	30	328
21-1011	Substance Abuse and Behavioral Disorder Counselors	50	50	0	0%	10	20	328
21-2011	Clergy	50	50	0	0%	10	10	328
23-1023	Judges, Magistrate Judges, and Magistrates	70	70	0	0%	10	10	328
23-2091	Court Reporters	60	60	0	0%	10	10	328
23-2092	Law Clerks	30	30	0	0%	0	0	328
27-1011	Art Directors	20	20	0	0%	0	10	328
27-1026	Merchandise Displayers and Window Trimmers	50	50	0	0%	10	10	328
27-2023	Umpires, Referees, and Other Sports Officials	20	20	0	0%	0	10	328
27-2041	Music Directors and Composers	20	20	0	0%	0	10	328
27-3020	News Analysts, Reporters and Correspondents	190	190	0	0%	50	50	328
27-3043	Writers and Authors	90	90	0	0%	20	20	328
27-4031	Camera Operators, Television, Video, and Motion Picture	70	70	0	0%	20	20	328
27-4032	Film and Video Editors	30	30	0	0%	10	10	328
29-1063	Internists, General	30	30	0	0%	0	10	328
29-1081	Podiatrists	30	30	0	0%	10	10	328
29-1124	Radiation Therapists	20	20	0	0%	0	10	328
29-1125	Recreational Therapists	50	50	0	0%	10	10	328
29-2012	Medical and Clinical Laboratory Technicians	380	380	0	0%	100	110	328
29-2051	Dietetic Technicians	20	20	0	0%	0	10	328
29-9010	Occupational Health and Safety Specialists and Technicians	60	60	0	0%	10	20	328
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	30	0	0%	10	20	328
33-2021	Fire Inspectors and Investigators	70	70	0	0%	20	20	328
33-3011	Bailiffs	30	30	0	0%	10	10	328
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	328
33-9032	Security Guards	1,280	1,280	0	0%	280	280	328
35-2015	Cooks, Short Order	920	920	0	0%	290	290	328
37-3013	Tree Trimmers and Pruners	40	40	0	0%	10	10	328
39-1021	First-Line Supervisors/Managers of Personal Service Workers	390	390	0	0%	100	100	328
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	328
39-4011	Embalmers	20	20	0	0%	10	10	328
39-4021	Funeral Attendants	50	50	0	0%	10	20	328
39-5011	Barbers	40	40	0	0%	10	10	328
41-9021	Real Estate Brokers	130	130	0	0%	30	30	328
43-3021	Billing and Posting Clerks and Machine Operators	1,200	1,200	0	0%	200	200	328
43-3051	Payroll and Timekeeping Clerks	530	530	0	0%	140	140	328
43-4021	Correspondence Clerks	30	30	0	0%	10	10	328

43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	328
43-4081	Hotel, Motel, and Resort Desk Clerks	340	340	0	0%	150	150	328
43-5071	Shipping, Receiving, and Traffic Clerks	2,740	2,740	0	0%	560	570	328
43-9111	Statistical Assistants	20	20	0	0%	0	0	328
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	328
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	530	530	0	0%	150	150	328
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	0%	10	20	328
45-4021	Fallers	20	20	0	0%	0	0	328
47-2031	Carpenters	3,910	3,910	0	0%	640	640	328
47-2043	Floor Sanders and Finishers	40	40	0	0%	10	10	328
47-2044	Tile and Marble Setters	40	40	0	0%	10	10	328
47-2081	Drywall and Ceiling Tile Installers	180	180	0	0%	40	40	328
47-2082	Tapers	110	110	0	0%	20	30	328
47-2121	Glaziers	150	150	0	0%	30	30	328
47-2130	Insulation Workers	70	70	0	0%	20	20	328
47-2151	Pipelayers	30	30	0	0%	10	10	328
47-2152	Plumbers, Pipefitters, and Steamfitters	1,110	1,110	0	0%	250	260	328
47-2161	Plasterers and Stucco Masons	70	70	0	0%	10	10	328
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	30	30	0	0%	10	10	328
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	130	130	0	0%	50	50	328
47-4021	Elevator Installers and Repairers	50	50	0	0%	10	10	328
47-5021	Earth Drillers, Except Oil and Gas	40	40	0	0%	10	10	328
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	328
49-2092	Electric Motor, Power Tool, and Related Repairers	100	100	0	0%	30	30	328
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	130	130	0	0%	30	30	328
49-3051	Motorboat Mechanics	40	40	0	0%	10	10	328
49-3052	Motorcycle Mechanics	30	30	0	0%	10	10	328
49-9011	Mechanical Door Repairers	20	20	0	0%	10	10	328
49-9031	Home Appliance Repairers	80	80	0	0%	20	20	328
49-9062	Medical Equipment Repairers	60	60	0	0%	20	20	328
49-9095	Manufactured Building and Mobile Home Installers	80	80	0	0%	20	20	328
51-2021	Coil Winders, Tapers, and Finishers	240	240	0	0%	60	60	328
51-3092	Food Batchmakers	190	190	0	0%	50	50	328
51-4012	Numerical Tool and Process Control Programmers	110	110	0	0%	20	20	328
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	520	0	0%	100	100	328
51-4051	Metal-Refining Furnace Operators and Tenders	90	90	0	0%	20	20	328
51-4052	Pourers and Casters, Metal	120	120	0	0%	30	30	328
51-4061	Model Makers, Metal and Plastic	70	70	0	0%	20	20	328
51-4062	Pattermakers, Metal and Plastic	60	60	0	0%	20	20	328
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	180	180	0	0%	60	60	328
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	220	220	0	0%	50	50	328
51-5023	Printing Machine Operators	710	710	0	0%	170	170	328
51-6011	Laundry and Dry-Cleaning Workers	460	460	0	0%	130	130	328
51-6051	Sewers, Hand	20	20	0	0%	0	0	328
51-6052	Tailors, Dressmakers, and Custom Sewers	50	50	0	0%	10	10	328
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	130	130	0	0%	30	30	328
51-7031	Model Makers, Wood	30	30	0	0%	10	10	328
51-8013	Power Plant Operators	20	20	0	0%	10	10	328
51-8021	Stationary Engineers and Boiler Operators	60	60	0	0%	10	10	328
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	140	140	0	0%	30	40	328
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	10	328
51-9194	Etchers and Engravers	80	80	0	0%	20	20	328
53-2011	Airline Pilots, Copilots, and Flight Engineers	20	20	0	0%	10	10	328
53-2012	Commercial Pilots	40	40	0	0%	10	20	328
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	328
53-3021	Bus Drivers, Transit and Intercity	80	80	0	0%	20	20	328
53-6031	Service Station Attendants	110	110	0	0%	50	50	328
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	20	328
53-7061	Cleaners of Vehicles and Equipment	570	570	0	0%	200	200	328
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	328
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,850	1,840	-10	-1%	460	460	450
37-2012	Maids and Housekeeping Cleaners	1,770	1,760	-10	-1%	370	370	451
39-9011	Child Care Workers	1,430	1,420	-10	-1%	390	390	452
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,030	3,990	-40	-1%	1,750	1,750	453
51-2092	Team Assemblers	14,680	14,520	-160	-1%	3,800	3,800	454
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,290	1,260	-30	-2%	240	240	455
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,510	5,380	-130	-2%	1,800	1,800	456

51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,610	1,570	-40	-2%	540	540	457
47-2181	Roofers	400	390	-10	-3%	90	90	458
43-5032	Dispatchers, Except Police, Fire, and Ambulance	340	330	-10	-3%	70	70	459
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,340	3,240	-100	-3%	600	600	460
29-1020	Dentists	320	310	-10	-3%	50	50	461
51-6093	Upholsterers	640	620	-20	-3%	160	160	461
25-2011	Preschool Teachers, Except Special Education	530	510	-20	-4%	60	60	463
47-2061	Construction Laborers	1,030	990	-40	-4%	140	140	464
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	250	240	-10	-4%	70	70	465
35-3011	Barenders	1,240	1,190	-50	-4%	490	490	466
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4%	40	40	467
41-2022	Parts Salespersons	430	410	-20	-5%	120	120	468
11-1031	Legislators	200	190	-10	-5%	30	30	469
39-2021	Nonfarm Animal Caretakers	200	190	-10	-5%	50	50	469
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,790	3,600	-190	-5%	710	710	471
41-9022	Real Estate Sales Agents	790	750	-40	-5%	160	160	472
51-4194	Tool Grinders, Filers, and Sharpeners	190	180	-10	-5%	60	60	473
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	550	520	-30	-5%	130	130	474
31-9095	Pharmacy Aides	160	150	-10	-6%	30	30	475
43-2011	Switchboard Operators, Including Answering Service	480	450	-30	-6%	120	120	475
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	280	-20	-7%	80	80	477
43-5051	Postal Service Clerks	150	140	-10	-7%	40	40	477
13-1031	Claims Adjusters, Examiners, and Investigators	140	130	-10	-7%	20	20	479
43-5052	Postal Service Mail Carriers	700	650	-50	-7%	220	220	479
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	420	390	-30	-7%	110	110	479
43-6014	Secretaries, Except Legal, Medical, and Executive	3,770	3,480	-290	-8%	720	720	482
11-9021	Construction Managers	770	710	-60	-8%	140	140	483
47-2141	Painters, Construction and Maintenance	640	590	-50	-8%	100	100	484
43-3061	Procurement Clerks	120	110	-10	-8%	30	30	485
47-3013	Helpers--Electricians	120	110	-10	-8%	50	50	485
19-4021	Biological Technicians	110	100	-10	-9%	20	20	487
51-4071	Foundry Mold and Coremakers	420	380	-40	-10%	110	110	488
43-3071	Tellers	1,210	1,090	-120	-10%	600	600	489
49-9052	Telecommunications Line Installers and Repairers	100	90	-10	-10%	30	30	490
51-4111	Tool and Die Makers	820	730	-90	-11%	180	180	491
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	90	80	-10	-11%	30	30	492
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	450	400	-50	-11%	90	90	492
13-2072	Loan Officers	440	390	-50	-11%	70	70	494
43-5081	Stock Clerks and Order Fillers	3,960	3,510	-450	-11%	1,460	1,460	494
43-4151	Order Clerks	750	660	-90	-12%	170	170	496
49-9044	Millwrights	250	220	-30	-12%	60	60	496
43-4071	File Clerks	330	290	-40	-12%	100	100	498
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	499
51-9193	Cooling and Freezing Equipment Operators and Tenders	80	70	-10	-13%	20	20	499
35-2011	Cooks, Fast Food	1,620	1,410	-210	-13%	500	500	501
27-1023	Floral Designers	230	200	-30	-13%	30	30	502
19-2031	Chemists	150	130	-20	-13%	50	50	503
51-5022	Prepress Technicians and Workers	290	250	-40	-14%	70	70	504
43-9021	Data Entry Keyers	430	370	-60	-14%	100	100	505
43-5011	Cargo and Freight Agents	70	60	-10	-14%	20	20	506
43-9041	Insurance Claims and Policy Processing Clerks	210	180	-30	-14%	30	30	506
47-2011	Boilermakers	70	60	-10	-14%	30	30	506
47-3012	Helpers--Carpenters	210	180	-30	-14%	90	90	506
53-7121	Tank Car, Truck, and Ship Loaders	70	60	-10	-14%	20	20	506
41-3021	Insurance Sales Agents	680	580	-100	-15%	160	160	511
51-6021	Pressers, Textile, Garment, and Related Materials	200	170	-30	-15%	30	30	512
43-4141	New Accounts Clerks	130	110	-20	-15%	30	30	513
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	390	330	-60	-15%	60	60	513
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	320	270	-50	-16%	80	80	515
53-3031	Driver/Sales Workers	1,460	1,230	-230	-16%	240	240	516
41-3031	Securities, Commodities, and Financial Services Sales Agents	310	260	-50	-16%	40	40	517
17-2041	Chemical Engineers	60	50	-10	-17%	20	20	518
43-9071	Office Machine Operators, Except Computer	60	50	-10	-17%	10	10	518
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	50	-10	-17%	10	10	518
51-3021	Butchers and Meat Cutters	180	150	-30	-17%	40	40	518
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	120	100	-20	-17%	30	30	518
51-5012	Bookbinders	60	50	-10	-17%	20	20	518

47-2142	Paperhangers	290	240	-50	-17%	40	40	524
51-5011	Bindery Workers	280	230	-50	-18%	70	70	525
49-2011	Computer, Automated Teller, and Office Machine Repairers	270	220	-50	-19%	30	30	526
29-2091	Orthotists and Prosthetists	50	40	-10	-20%	10	10	527
41-9041	Telemarketers	100	80	-20	-20%	20	20	527
43-4041	Credit Authorizers, Checkers, and Clerks	50	40	-10	-20%	10	10	527
43-9081	Proofreaders and Copy Markers	50	40	-10	-20%	10	10	527
49-9051	Electrical Power-Line Installers and Repairers	100	80	-20	-20%	30	30	527
49-9094	Locksmiths and Safe Repairers	50	40	-10	-20%	20	20	527
51-9011	Chemical Equipment Operators and Tenders	50	40	-10	-20%	20	20	527
51-2022	Electrical and Electronic Equipment Assemblers	660	520	-140	-21%	160	160	534
43-5021	Couriers and Messengers	230	180	-50	-22%	50	50	535
37-2021	Pest Control Workers	90	70	-20	-22%	10	10	536
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	90	70	-20	-22%	40	40	536
43-9011	Computer Operators	220	170	-50	-23%	50	50	538
23-2093	Title Examiners, Abstractors, and Searchers	130	100	-30	-23%	10	10	539
27-3010	Announcers	130	100	-30	-23%	30	30	539
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	250	190	-60	-24%	50	50	541
41-3041	Travel Agents	160	120	-40	-25%	40	40	542
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	80	60	-20	-25%	20	20	542
51-3023	Slaughterers and Meat Packers	240	180	-60	-25%	50	50	542
51-8091	Chemical Plant and System Operators	40	30	-10	-25%	10	10	542
47-2221	Structural Iron and Steel Workers	390	280	-110	-28%	80	80	546
43-5041	Meter Readers, Utilities	70	50	-20	-29%	20	20	547
51-2023	Electromechanical Equipment Assemblers	370	260	-110	-30%	90	90	548
19-1021	Biochemists and Biophysicists	30	20	-10	-33%	10	10	549
43-4131	Loan Interviewers and Clerks	240	160	-80	-33%	30	30	549
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	30	20	-10	-33%	10	10	549
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	270	180	-90	-33%	90	90	549
53-6021	Parking Lot Attendants	80	50	-30	-38%	30	30	553
43-9022	Word Processors and Typists	410	230	-180	-44%	90	90	554
13-2061	Financial Examiners	20	10	-10	-50%	0	0	555
43-2021	Telephone Operators	20	10	-10	-50%	10	10	555
43-4011	Brokerage Clerks	40	20	-20	-50%	10	10	555
49-2098	Security and Fire Alarm Systems Installers	20	10	-10	-50%	0	0	555
49-9096	Riggers	20	10	-10	-50%	0	0	555

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 02

Ranked by Total Openings 2002-2012
All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	2002 Employment	2012 Projection	Total Growth	Percent Change	Replacements ¹	Total Openings	Rank
Total, All Occupations		311,230	336,900	25,670	8%	75,520	106,500	
51-2092	Team Assemblers	14,680	14,520	-160	-1%	3,800	3,800	1
41-2011	Cashiers	7,030	7,180	150	2%	3,420	3,570	2
41-2031	Retail Salespersons	7,450	7,460	10	0%	2,710	2,710	3
35-3031	Waiters and Waitresses	3,730	4,280	550	15%	1,920	2,470	4
29-1111	Registered Nurses	4,040	5,240	1,200	30%	850	2,040	5
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	5,510	5,380	-130	-2%	1,800	1,800	6
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	4,030	3,990	-40	-1%	1,750	1,750	7
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	4,740	5,430	690	15%	990	1,680	8
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,930	4,510	580	15%	1,030	1,620	9
25-2021	Elementary School Teachers, Except Special Education	2,960	3,900	940	32%	650	1,590	10
25-9041	Teacher Assistants	2,720	3,750	1,030	38%	530	1,560	11
43-5081	Stock Clerks and Order Fillers	3,960	3,510	-450	-11%	1,460	1,460	12
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,280	4,830	550	13%	810	1,360	13
43-9061	Office Clerks, General	5,220	5,380	160	3%	1,160	1,320	14
49-9042	Maintenance and Repair Workers, General	3,700	4,240	540	15%	710	1,250	15
11-1021	General and Operations Managers	4,170	4,600	430	10%	790	1,220	16
51-4121	Welders, Cutters, Solderers, and Brazers	2,300	2,800	500	22%	650	1,150	17
53-3032	Truck Drivers, Heavy and Tractor-Trailer	5,030	5,350	320	6%	820	1,150	17
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3,280	3,600	320	10%	760	1,080	19
43-4171	Receptionists and Information Clerks	2,290	2,800	510	22%	560	1,070	20
25-2031	Secondary School Teachers, Except Special and Vocational Education	1,650	2,240	590	36%	470	1,060	21
35-2021	Food Preparation Workers	1,900	2,220	320	17%	670	990	22
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,250	1,390	140	11%	820	960	23
53-7064	Packers and Packagers, Hand	3,510	3,800	290	8%	660	950	24
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,400	2,660	260	11%	550	810	25
31-1012	Nursing Aides, Orderlies, and Attendants	2,500	2,970	470	19%	330	790	26
51-9198	Helpers--Production Workers	2,650	2,700	50	2%	740	790	26
43-4051	Customer Service Representatives	3,260	3,530	270	8%	490	750	28
43-6014	Secretaries, Except Legal, Medical, and Executive	3,770	3,480	-290	-8%	720	720	29
43-3031	Bookkeeping, Accounting, and Auditing Clerks	3,790	3,600	-190	-5%	710	710	30
13-2011	Accountants and Auditors	1,910	2,250	340	18%	360	700	31
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	2,940	3,000	60	2%	630	690	32
49-3023	Automotive Service Technicians and Mechanics	1,830	2,010	180	10%	490	660	33
43-6011	Executive Secretaries and Administrative Assistants	2,940	3,020	80	3%	560	640	34
47-2031	Carpenters	3,910	3,910	0	0%	640	640	34
41-2021	Counter and Rental Clerks	1,300	1,430	130	10%	500	630	36
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	3,340	3,240	-100	-3%	600	600	37
43-3071	Tellers	1,210	1,090	-120	-10%	600	600	37
39-5012	Hairdressers, Hairstylists, and Cosmetologists	1,750	1,980	230	13%	340	570	39
43-5071	Shipping, Receiving, and Traffic Clerks	2,740	2,740	0	0%	560	570	39
53-3022	Bus Drivers, School	1,230	1,530	300	24%	270	570	39
51-4041	Machinists	2,020	2,110	90	4%	470	560	42
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,100	1,360	260	24%	290	550	43
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1,610	1,570	-40	-2%	540	540	44
25-2022	Middle School Teachers, Except Special and Vocational Education	1,120	1,400	280	25%	250	530	45
35-2011	Cooks, Fast Food	1,620	1,410	-210	-13%	500	500	46
35-2014	Cooks, Restaurant	1,110	1,250	140	13%	340	490	47
35-3011	Bartenders	1,240	1,190	-50	-4%	490	490	47
47-2111	Electricians	1,480	1,670	190	13%	290	480	49
53-7051	Industrial Truck and Tractor Operators	1,910	2,030	120	6%	360	480	49
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	1,780	1,820	40	2%	420	470	51
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	1,370	1,500	130	9%	340	470	51
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,060	1,260	200	19%	260	460	53
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,850	1,840	-10	-1%	460	460	53

35-9021	Dishwashers	1,100	1,150	50	5%	370	430	55
43-5061	Production, Planning, and Expediting Clerks	980	1,170	190	19%	240	430	55
51-7011	Cabinetmakers and Bench Carpenters	870	1,080	210	24%	220	430	55
29-2061	Licensed Practical and Licensed Vocational Nurses	1,250	1,400	150	12%	270	420	58
11-1011	Chief Executives	1,160	1,350	190	16%	220	410	59
33-3051	Police and Sheriff's Patrol Officers	930	1,100	170	18%	240	410	59
17-2112	Industrial Engineers	880	1,060	180	20%	210	390	61
39-9011	Child Care Workers	1,430	1,420	-10	-1%	390	390	61
51-9122	Painters, Transportation Equipment	680	890	210	31%	180	390	61
37-3011	Landscaping and Groundskeeping Workers	1,570	1,600	30	2%	340	380	64
37-2012	Maids and Housekeeping Cleaners	1,770	1,760	-10	-1%	370	370	65
39-9021	Personal and Home Care Aides	1,110	1,310	200	18%	180	370	65
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,050	1,140	90	9%	280	370	65
51-9111	Packaging and Filling Machine Operators and Tenders	1,040	1,200	160	15%	210	370	65
31-9092	Medical Assistants	620	860	240	39%	110	360	69
51-2091	Fiberglass Laminators and Fabricators	1,160	1,220	60	5%	300	350	70
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	1,290	1,430	140	11%	210	350	70
31-9091	Dental Assistants	520	710	190	37%	150	340	72
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	920	1,020	100	11%	240	340	72
21-1093	Social and Human Service Assistants	420	670	250	60%	70	320	74
11-3051	Industrial Production Managers	910	1,040	130	14%	180	310	75
53-3033	Truck Drivers, Light or Delivery Services	2,460	2,540	80	3%	230	310	75
29-2071	Medical Records and Health Information Technicians	500	730	230	46%	70	300	77
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	700	770	70	10%	240	300	77
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	640	740	100	16%	200	300	77
35-2012	Cooks, Institution and Cafeteria	830	860	30	4%	260	290	80
35-2015	Cooks, Short Order	920	920	0	0%	290	290	80
53-7063	Machine Feeders and Offbearers	870	930	60	7%	240	290	80
17-2141	Mechanical Engineers	1,010	1,020	10	1%	280	280	83
33-9032	Security Guards	1,280	1,280	0	0%	280	280	83
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	680	780	100	15%	190	280	83
11-9141	Property, Real Estate, and Community Association Managers	570	730	160	28%	110	270	86
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	1,390	1,430	40	3%	240	270	86
51-6031	Sewing Machine Operators	920	1,080	160	17%	110	270	86
15-1041	Computer Support Specialists	760	930	170	22%	90	260	89
25-1081	Education Teachers, Postsecondary	310	490	180	58%	70	260	89
47-2152	Plumbers, Pipefitters, and Steamfitters	1,110	1,110	0	0%	250	260	89
11-2022	Sales Managers	580	720	140	24%	110	250	92
11-9041	Engineering Managers	670	790	120	18%	130	250	92
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	610	690	80	13%	170	250	92
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	1,290	1,260	-30	-2%	240	240	95
47-2073	Operating Engineers and Other Construction Equipment Operators	720	770	50	7%	190	240	95
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	610	680	70	11%	180	240	95
53-3031	Driver/Sales Workers	1,460	1,230	-230	-16%	240	240	95
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	610	680	70	11%	160	230	99
43-4111	Interviewers, Except Eligibility and Loan	380	510	130	34%	100	230	99
47-2211	Sheet Metal Workers	590	670	80	14%	140	230	99
51-2041	Structural Metal Fabricators and Fitters	660	740	80	12%	160	230	99
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,180	1,190	10	1%	230	230	99
51-9081	Dental Laboratory Technicians	370	520	150	41%	80	230	99
11-3031	Financial Managers	700	810	110	16%	100	220	105
11-9111	Medical and Health Services Managers	470	600	130	28%	90	220	105
31-1011	Home Health Aides	570	710	140	25%	80	220	105
43-5052	Postal Service Mail Carriers	700	650	-50	-7%	220	220	105
51-9022	Grinding and Polishing Workers, Hand	590	660	70	12%	150	220	105
11-9032	Education Administrators, Elementary and Secondary School	340	470	130	38%	80	210	110
43-6013	Medical Secretaries	680	760	80	12%	130	210	110
49-9041	Industrial Machinery Mechanics	510	620	110	22%	100	210	110
49-9098	Helpers--Installation, Maintenance, and Repair Workers	430	500	70	16%	150	210	110
25-1011	Business Teachers, Postsecondary	240	380	140	58%	50	200	114
25-1041	Agricultural Sciences Teachers, Postsecondary	250	390	140	56%	60	200	114
25-1123	English Language and Literature Teachers, Postsecondary	240	380	140	58%	50	200	114
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	280	410	130	46%	70	200	114
33-2011	Fire Fighters	420	500	80	19%	120	200	114
43-3021	Billing and Posting Clerks and Machine Operators	1,200	1,200	0	0%	200	200	114
53-7061	Cleaners of Vehicles and Equipment	570	570	0	0%	200	200	114
11-3021	Computer and Information Systems Managers	390	510	120	31%	70	190	121

29-2021	Dental Hygienists	430	580	150	35%	40	190	121
43-4121	Library Assistants, Clerical	290	370	80	28%	120	190	121
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	690	710	20	3%	160	190	121
11-9033	Education Administrators, Postsecondary	260	380	120	46%	70	180	125
17-3013	Mechanical Drafters	450	500	50	11%	130	180	125
29-1051	Pharmacists	500	580	80	16%	100	180	125
49-3021	Automotive Body and Related Repairers	690	720	30	4%	140	180	125
51-4111	Tool and Die Makers	820	730	-90	-11%	180	180	125
15-1021	Computer Programmers	590	620	30	5%	140	170	130
21-1012	Educational, Vocational, and School Counselors	330	420	90	27%	80	170	130
21-1021	Child, Family, and School Social Workers	480	570	90	19%	80	170	130
43-4151	Order Clerks	750	660	-90	-12%	170	170	130
51-5023	Printing Machine Operators	710	710	0	0%	170	170	130
15-1051	Computer Systems Analysts	470	580	110	23%	50	160	135
17-2071	Electrical Engineers	430	510	80	19%	80	160	135
29-2052	Pharmacy Technicians	500	590	90	18%	70	160	135
41-3021	Insurance Sales Agents	680	580	-100	-15%	160	160	135
41-9022	Real Estate Sales Agents	790	750	-40	-5%	160	160	135
43-3011	Bill and Account Collectors	490	560	70	14%	90	160	135
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	70	210	140	200%	20	160	135
49-3092	Recreational Vehicle Service Technicians	240	290	50	21%	100	160	135
51-2022	Electrical and Electronic Equipment Assemblers	660	520	-140	-21%	160	160	135
51-6093	Upholsterers	640	620	-20	-3%	160	160	135
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	450	510	60	13%	110	160	135
13-1051	Cost Estimators	490	520	30	6%	110	150	146
25-2012	Kindergarten Teachers, Except Special Education	290	410	120	41%	40	150	146
27-2022	Coaches and Scouts	320	410	90	28%	60	150	146
27-3031	Public Relations Specialists	310	410	100	32%	40	150	146
29-2034	Radiologic Technologists and Technicians	390	460	70	18%	70	150	146
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	460	500	40	9%	110	150	146
39-3031	Ushers, Lobby Attendants, and Ticket Takers	210	240	30	14%	120	150	146
43-4081	Hotel, Motel, and Resort Desk Clerks	340	340	0	0%	150	150	146
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	530	530	0	0%	150	150	146
47-2051	Cement Masons and Concrete Finishers	610	640	30	5%	120	150	146
11-9021	Construction Managers	770	710	-60	-8%	140	140	156
13-1111	Management Analysts	450	520	70	16%	60	140	156
15-1071	Network and Computer Systems Administrators	370	470	100	27%	40	140	156
23-1011	Lawyers	540	610	70	13%	70	140	156
25-1022	Mathematical Science Teachers, Postsecondary	170	270	100	59%	40	140	156
25-4031	Library Technicians	220	280	60	27%	80	140	156
43-3051	Payroll and Timekeeping Clerks	530	530	0	0%	140	140	156
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	340	400	60	18%	70	140	156
47-2061	Construction Laborers	1,030	990	-40	-4%	140	140	156
51-9196	Paper Goods Machine Setters, Operators, and Tenders	350	420	70	20%	80	140	156
13-1073	Training and Development Specialists	330	400	70	21%	50	130	166
17-3023	Electrical and Electronic Engineering Technicians	370	420	50	14%	80	130	166
25-1121	Art, Drama, and Music Teachers, Postsecondary	150	250	100	67%	30	130	166
29-1126	Respiratory Therapists	180	260	80	44%	60	130	166
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	550	520	-30	-5%	130	130	166
51-6011	Laundry and Dry-Cleaning Workers	460	460	0	0%	130	130	166
51-9191	Cementing and Gluing Machine Operators and Tenders	310	360	50	16%	80	130	166
25-1032	Engineering Teachers, Postsecondary	150	230	80	53%	30	120	173
25-1194	Vocational Education Teachers, Postsecondary	160	250	90	56%	40	120	173
35-3041	Food Servers, Nonrestaurant	240	280	40	17%	80	120	173
39-9031	Fitness Trainers and Aerobics Instructors	320	360	40	13%	70	120	173
41-2022	Parts Salespersons	430	410	-20	-5%	120	120	173
43-2011	Switchboard Operators, Including Answering Service	480	450	-30	-6%	120	120	173
51-9031	Cutters and Trimmers, Hand	310	360	50	16%	60	120	173
11-2021	Marketing Managers	270	330	60	22%	50	110	180
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	270	320	50	19%	60	110	180
19-3031	Clinical, Counseling, and School Psychologists	230	290	60	26%	50	110	180
25-1042	Biological Science Teachers, Postsecondary	130	210	80	62%	30	110	180
25-3021	Self-Enrichment Education Teachers	230	310	80	35%	30	110	180
29-2012	Medical and Clinical Laboratory Technicians	380	380	0	0%	100	110	180
29-2055	Surgical Technologists	230	300	70	30%	30	110	180
29-2056	Veterinary Technologists and Technicians	160	250	90	56%	20	110	180
35-1011	Chefs and Head Cooks	310	320	10	3%	90	110	180

39-3091	Amusement and Recreation Attendants	230	270	40	17%	70	110	180
51-3011	Bakers	280	330	50	18%	70	110	180
51-4071	Foundry Mold and Coremakers	420	380	-40	-10%	110	110	180
51-7021	Furniture Finishers	280	340	60	21%	60	110	180
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	420	390	-30	-7%	110	110	180
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	260	310	50	19%	60	110	180
11-3061	Purchasing Managers	330	350	20	6%	70	100	195
11-9051	Food Service Managers	620	620	0	0%	100	100	195
25-1066	Psychology Teachers, Postsecondary	120	190	70	58%	30	100	195
25-1071	Health Specialties Teachers, Postsecondary	110	180	70	64%	30	100	195
29-1123	Physical Therapists	220	290	70	32%	20	100	195
29-1127	Speech-Language Pathologists	150	210	60	40%	40	100	195
29-2011	Medical and Clinical Laboratory Technologists	290	310	20	7%	80	100	195
31-9094	Medical Transcriptionists	290	330	40	14%	50	100	195
39-1021	First-Line Supervisors/Managers of Personal Service Workers	390	390	0	0%	100	100	195
39-6011	Baggage Porters and Bellhops	40	130	90	225%	10	100	195
43-4071	File Clerks	330	290	-40	-12%	100	100	195
43-9021	Data Entry Keyers	430	370	-60	-14%	100	100	195
47-2141	Painters, Construction and Maintenance	640	590	-50	-8%	100	100	195
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	410	460	50	12%	50	100	195
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	520	520	0	0%	100	100	195
11-3011	Administrative Services Managers	280	320	40	14%	60	90	210
11-3040	Human Resources Managers	270	310	40	15%	50	90	210
13-2021	Appraisers and Assessors of Real Estate	270	300	30	11%	60	90	210
19-3021	Market Research Analysts	210	250	40	19%	60	90	210
23-2011	Paralegals and Legal Assistants	430	480	50	12%	40	90	210
25-1072	Nursing Instructors and Teachers, Postsecondary	110	170	60	55%	30	90	210
31-9011	Massage Therapists	160	220	60	38%	30	90	210
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	190	240	50	26%	30	90	210
39-9032	Recreation Workers	240	270	30	13%	50	90	210
41-9031	Sales Engineers	220	240	20	9%	70	90	210
43-9022	Word Processors and Typists	410	230	-180	-44%	90	90	210
47-2181	Roofers	400	390	-10	-3%	90	90	210
47-3012	Helpers--Carpenters	210	180	-30	-14%	90	90	210
47-4011	Construction and Building Inspectors	180	230	50	28%	40	90	210
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	450	400	-50	-11%	90	90	210
49-3093	Tire Repairers and Changers	160	190	30	19%	70	90	210
51-2023	Electromechanical Equipment Assemblers	370	260	-110	-30%	90	90	210
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	270	180	-90	-33%	90	90	210
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	270	300	30	11%	60	90	210
53-7081	Refuse and Recyclable Material Collectors	240	270	30	13%	60	90	210
11-9151	Social and Community Service Managers	180	220	40	22%	30	80	230
13-1022	Wholesale and Retail Buyers, Except Farm Products	300	280	-20	-7%	80	80	230
15-1031	Computer Software Engineers, Applications	250	310	60	24%	30	80	230
17-3027	Mechanical Engineering Technicians	250	280	30	12%	50	80	230
25-2032	Vocational Education Teachers, Secondary School	150	190	40	27%	40	80	230
25-2042	Special Education Teachers, Middle School	110	160	50	45%	30	80	230
25-2043	Special Education Teachers, Secondary School	120	170	50	42%	30	80	230
27-1024	Graphic Designers	270	320	50	19%	40	80	230
29-1122	Occupational Therapists	160	220	60	38%	20	80	230
31-2021	Physical Therapist Assistants	120	180	60	50%	20	80	230
33-3012	Correctional Officers and Jailers	290	310	20	7%	60	80	230
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	320	270	-50	-16%	80	80	230
47-2221	Structural Iron and Steel Workers	390	280	-110	-28%	80	80	230
49-9043	Maintenance Workers, Machinery	210	240	30	14%	50	80	230
13-1071	Employment, Recruitment, and Placement Specialists	310	330	20	6%	50	70	244
13-2072	Loan Officers	440	390	-50	-11%	70	70	244
15-1032	Computer Software Engineers, Systems Software	150	200	50	33%	20	70	244
15-1061	Database Administrators	180	230	50	28%	20	70	244
15-1081	Network Systems and Data Communications Analysts	150	210	60	40%	20	70	244
17-3026	Industrial Engineering Technicians	220	240	20	9%	50	70	244
21-1015	Rehabilitation Counselors	140	180	40	29%	30	70	244
21-1022	Medical and Public Health Social Workers	170	210	40	24%	30	70	244
25-1052	Chemistry Teachers, Postsecondary	90	140	50	56%	20	70	244
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	150	200	50	33%	20	70	244
25-4021	Librarians	170	200	30	18%	40	70	244
25-9031	Instructional Coordinators	120	180	60	50%	20	70	244

27-3041	Editors	200	220	20	10%	50	70	244
27-4021	Photographers	210	240	30	14%	40	70	244
29-2041	Emergency Medical Technicians and Paramedics	370	390	20	5%	40	70	244
41-9011	Demonstrators and Product Promoters	160	190	30	19%	40	70	244
43-5032	Dispatchers, Except Police, Fire, and Ambulance	340	330	-10	-3%	70	70	244
47-2041	Carpet Installers	360	370	10	3%	60	70	244
47-4051	Highway Maintenance Workers	360	380	20	6%	50	70	244
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	220	240	20	9%	50	70	244
51-5011	Bindery Workers	280	230	-50	-18%	70	70	244
51-5022	Prepress Technicians and Workers	290	250	-40	-14%	70	70	244
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	250	240	-10	-4%	70	70	244
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	110	150	40	36%	30	70	244
11-3071	Transportation, Storage, and Distribution Managers	140	160	20	14%	30	60	268
13-1072	Compensation, Benefits, and Job Analysis Specialists	150	190	40	27%	20	60	268
13-2052	Personal Financial Advisors	220	260	40	18%	30	60	268
17-2031	Biomedical Engineers	70	120	50	71%	10	60	268
17-2072	Electronics Engineers, Except Computer	170	200	30	18%	30	60	268
17-3024	Electro-Mechanical Technicians	170	200	30	18%	40	60	268
21-1014	Mental Health Counselors	130	160	30	23%	30	60	268
21-1023	Mental Health and Substance Abuse Social Workers	130	170	40	31%	20	60	268
21-1092	Probation Officers and Correctional Treatment Specialists	230	250	20	9%	40	60	268
25-1126	Philosophy and Religion Teachers, Postsecondary	60	110	50	83%	10	60	268
25-2011	Preschool Teachers, Except Special Education	530	510	-20	-4%	60	60	268
27-1021	Commercial and Industrial Designers	180	220	40	22%	20	60	268
29-1067	Surgeons	210	240	30	14%	30	60	268
33-1012	First-Line Supervisors/Managers of Police and Detectives	130	140	10	8%	40	60	268
33-9021	Private Detectives and Investigators	190	210	20	11%	40	60	268
43-6012	Legal Secretaries	240	250	10	4%	50	60	268
47-2021	Brickmasons and Blockmasons	300	320	20	7%	50	60	268
49-9044	Millwrights	250	220	-30	-12%	60	60	268
51-2021	Coil Winders, Tapers, and Finishers	240	240	0	0%	60	60	268
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	390	330	-60	-15%	60	60	268
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	160	170	10	6%	40	60	268
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	180	180	0	0%	60	60	268
51-4194	Tool Grinders, Filers, and Sharpeners	190	180	-10	-5%	60	60	268
51-8031	Water and Liquid Waste Treatment Plant and System Operators	140	150	10	7%	50	60	268
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	130	160	30	23%	30	60	268
11-9011	Farm, Ranch, and Other Agricultural Managers	180	210	30	17%	30	50	293
13-2082	Tax Preparers	140	160	20	14%	20	50	293
17-1011	Architects, Except Landscape and Naval	190	220	30	16%	20	50	293
19-2031	Chemists	150	130	-20	-13%	50	50	293
25-1054	Physics Teachers, Postsecondary	60	90	30	50%	10	50	293
25-1122	Communications Teachers, Postsecondary	60	90	30	50%	10	50	293
25-1125	History Teachers, Postsecondary	70	100	30	43%	20	50	293
27-3020	News Analysts, Reporters and Correspondents	190	190	0	0%	50	50	293
27-3042	Technical Writers	80	110	30	38%	20	50	293
29-1020	Dentists	320	310	-10	-3%	50	50	293
29-1041	Optometrists	110	130	20	18%	30	50	293
29-1131	Veterinarians	90	120	30	33%	20	50	293
29-2053	Psychiatric Technicians	280	290	10	4%	40	50	293
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	250	190	-60	-24%	50	50	293
39-2021	Nonfarm Animal Caretakers	200	190	-10	-5%	50	50	293
41-3011	Advertising Sales Agents	260	270	10	4%	50	50	293
43-5021	Couriers and Messengers	230	180	-50	-22%	50	50	293
43-5031	Police, Fire, and Ambulance Dispatchers	160	170	10	6%	30	50	293
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	150	160	10	7%	40	50	293
43-9011	Computer Operators	220	170	-50	-23%	50	50	293
47-3013	Helpers--Electricians	120	110	-10	-8%	50	50	293
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	130	130	0	0%	50	50	293
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	140	160	20	14%	30	50	293
51-3023	Slaughterers and Meat Packers	240	180	-60	-25%	50	50	293
51-3092	Food Batchmakers	190	190	0	0%	50	50	293
51-3093	Food Cooking Machine Operators and Tenders	80	100	20	25%	20	50	293
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	220	220	0	0%	50	50	293
51-9123	Painting, Coating, and Decorating Workers	130	150	20	15%	30	50	293
53-6031	Service Station Attendants	110	110	0	0%	50	50	293
17-2051	Civil Engineers	160	170	10	6%	30	40	322

17-3011	Architectural and Civil Drafters	130	130	0	0%	40	40	322
17-3022	Civil Engineering Technicians	160	160	0	0%	30	40	322
17-3031	Surveying and Mapping Technicians	60	70	10	17%	20	40	322
25-4010	Archivists, Curators, and Museum Technicians	80	100	20	25%	20	40	322
27-2012	Producers and Directors	150	160	10	7%	20	40	322
27-2042	Musicians and Singers	140	150	10	7%	30	40	322
29-1011	Chiropractors	100	120	20	20%	20	40	322
29-1031	Dietitians and Nutritionists	110	120	10	9%	30	40	322
29-1062	Family and General Practitioners	130	150	20	15%	20	40	322
29-2031	Cardiovascular Technologists and Technicians	70	90	20	29%	10	40	322
29-2081	Opticians, Dispensing	100	120	20	20%	20	40	322
33-3021	Detectives and Criminal Investigators	110	120	10	9%	30	40	322
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	300	310	10	3%	30	40	322
41-3031	Securities, Commodities, and Financial Services Sales Agents	310	260	-50	-16%	40	40	322
41-3041	Travel Agents	160	120	-40	-25%	40	40	322
43-5051	Postal Service Clerks	150	140	-10	-7%	40	40	322
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	100	120	20	20%	20	40	322
47-2081	Drywall and Ceiling Tile Installers	180	180	0	0%	40	40	322
47-2142	Paperhangers	290	240	-50	-17%	40	40	322
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	90	70	-20	-22%	40	40	322
51-2031	Engine and Other Machine Assemblers	80	100	20	25%	20	40	322
51-3021	Butchers and Meat Cutters	180	150	-30	-17%	40	40	322
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	230	220	-10	-4%	40	40	322
51-5021	Job Printers	160	170	10	6%	40	40	322
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	140	140	0	0%	30	40	322
53-7021	Crane and Tower Operators	160	170	10	6%	40	40	322
11-9031	Education Administrators, Preschool and Child Care Center/Program	70	80	10	14%	20	30	349
11-9061	Funeral Directors	100	100	0	0%	30	30	349
11-1031	Legislators	200	190	-10	-5%	30	30	349
13-2031	Budget Analysts	80	100	20	25%	10	30	349
13-2081	Tax Examiners, Collectors, and Revenue Agents	70	80	10	14%	20	30	349
17-2081	Environmental Engineers	70	90	20	29%	10	30	349
17-3025	Environmental Engineering Technicians	40	60	20	50%	10	30	349
19-2041	Environmental Scientists and Specialists, Including Health	70	100	30	43%	10	30	349
19-4031	Chemical Technicians	110	110	0	0%	30	30	349
21-1091	Health Educators	80	100	20	25%	10	30	349
25-1021	Computer Science Teachers, Postsecondary	40	70	30	75%	10	30	349
25-1063	Economics Teachers, Postsecondary	40	70	30	75%	10	30	349
25-1065	Political Science Teachers, Postsecondary	40	70	30	75%	10	30	349
25-1067	Sociology Teachers, Postsecondary	40	60	20	50%	10	30	349
25-1082	Library Science Teachers, Postsecondary	40	60	20	50%	10	30	349
25-1112	Law Teachers, Postsecondary	30	50	20	67%	10	30	349
25-1124	Foreign Language and Literature Teachers, Postsecondary	30	50	20	67%	10	30	349
25-1192	Home Economics Teachers, Postsecondary	30	50	20	67%	10	30	349
25-2023	Vocational Education Teachers, Middle School	70	90	20	29%	20	30	349
27-1014	Multi-Media Artists and Animators	90	100	10	11%	20	30	349
27-1023	Floral Designers	230	200	-30	-13%	30	30	349
27-1025	Interior Designers	120	130	10	8%	20	30	349
27-3010	Announcers	130	100	-30	-23%	30	30	349
27-4012	Broadcast Technicians	80	90	10	13%	20	30	349
29-2032	Diagnostic Medical Sonographers	80	100	20	25%	20	30	349
29-2054	Respiratory Therapy Technicians	60	80	20	33%	10	30	349
31-2011	Occupational Therapist Assistants	40	60	20	50%	10	30	349
31-2022	Physical Therapist Aides	50	80	30	60%	10	30	349
31-9093	Medical Equipment Preparers	80	90	10	13%	10	30	349
31-9095	Pharmacy Aides	160	150	-10	-6%	30	30	349
33-9091	Crossing Guards	70	80	10	14%	20	30	349
41-9021	Real Estate Brokers	130	130	0	0%	30	30	349
43-3061	Procurement Clerks	120	110	-10	-8%	30	30	349
43-4131	Loan Interviewers and Clerks	240	160	-80	-33%	30	30	349
43-4141	New Accounts Clerks	130	110	-20	-15%	30	30	349
43-9031	Desktop Publishers	70	90	20	29%	20	30	349
43-9041	Insurance Claims and Policy Processing Clerks	210	180	-30	-14%	30	30	349
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	90	80	-10	-11%	30	30	349
45-2091	Agricultural Equipment Operators	60	70	10	17%	20	30	349
47-2011	Boilermakers	70	60	-10	-14%	30	30	349
47-2082	Tapers	110	110	0	0%	20	30	349

47-2121	Glaziers	150	150	0	0%	30	30	349
49-2011	Computer, Automated Teller, and Office Machine Repairers	270	220	-50	-19%	30	30	349
49-2092	Electric Motor, Power Tool, and Related Repairers	100	100	0	0%	30	30	349
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	130	130	0	0%	30	30	349
49-3011	Aircraft Mechanics and Service Technicians	90	100	10	11%	20	30	349
49-9051	Electrical Power-Line Installers and Repairers	100	80	-20	-20%	30	30	349
49-9052	Telecommunications Line Installers and Repairers	100	90	-10	-10%	30	30	349
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	80	90	10	13%	20	30	349
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	120	100	-20	-17%	30	30	349
51-4052	Pourers and Casters, Metal	120	120	0	0%	30	30	349
51-6021	Pressers, Textile, Garment, and Related Materials	200	170	-30	-15%	30	30	349
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	130	130	0	0%	30	30	349
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	100	110	10	10%	20	30	349
51-9132	Photographic Processing Machine Operators	70	80	10	14%	20	30	349
53-2021	Air Traffic Controllers	30	50	20	67%	10	30	349
53-3041	Taxi Drivers and Chauffeurs	100	130	30	30%	10	30	349
53-6021	Parking Lot Attendants	80	50	-30	-38%	30	30	349
53-6051	Transportation Inspectors	50	70	20	40%	10	30	349
53-7072	Pump Operators, Except Wellhead Pumpers	40	60	20	50%	10	30	349
11-2011	Advertising and Promotions Managers	70	80	10	14%	10	20	409
11-2031	Public Relations Managers	60	70	10	17%	10	20	409
13-1021	Purchasing Agents and Buyers, Farm Products	40	40	0	0%	20	20	409
13-1031	Claims Adjusters, Examiners, and Investigators	140	130	-10	-7%	20	20	409
13-1121	Meeting and Convention Planners	50	60	10	20%	10	20	409
13-2041	Credit Analysts	80	80	0	0%	10	20	409
17-1022	Surveyors	60	60	0	0%	20	20	409
17-2041	Chemical Engineers	60	50	-10	-17%	20	20	409
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	60	70	10	17%	10	20	409
17-2131	Materials Engineers	60	60	0	0%	20	20	409
17-3012	Electrical and Electronics Drafters	80	80	0	0%	20	20	409
19-4021	Biological Technicians	110	100	-10	-9%	20	20	409
19-4091	Environmental Science and Protection Technicians, Including Health	30	40	10	33%	10	20	409
21-1011	Substance Abuse and Behavioral Disorder Counselors	50	50	0	0%	10	20	409
21-1013	Marriage and Family Therapists	30	40	10	33%	10	20	409
25-1031	Architecture Teachers, Postsecondary	20	40	20	100%	10	20	409
25-1061	Anthropology and Archeology Teachers, Postsecondary	30	50	20	67%	10	20	409
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	40	20	100%	10	20	409
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	30	40	10	33%	10	20	409
27-3043	Writers and Authors	90	90	0	0%	20	20	409
27-4011	Audio and Video Equipment Technicians	50	60	10	20%	10	20	409
27-4031	Camera Operators, Television, Video, and Motion Picture	70	70	0	0%	20	20	409
29-1061	Anesthesiologists	70	80	10	14%	10	20	409
29-1066	Psychiatrists	40	50	10	25%	10	20	409
29-1071	Physician Assistants	40	60	20	50%	10	20	409
29-1121	Audiologists	50	60	10	20%	10	20	409
29-9010	Occupational Health and Safety Specialists and Technicians	60	60	0	0%	10	20	409
33-1011	First-Line Supervisors/Managers of Correctional Officers	60	70	10	17%	20	20	409
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	30	30	0	0%	10	20	409
33-2021	Fire Inspectors and Investigators	70	70	0	0%	20	20	409
39-4021	Funeral Attendants	50	50	0	0%	10	20	409
39-5092	Manicurists and Pedicurists	40	50	10	25%	10	20	409
39-9041	Residential Advisors	30	40	10	33%	10	20	409
41-9041	Telemarketers	100	80	-20	-20%	20	20	409
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	80	60	-20	-25%	20	20	409
43-4031	Court, Municipal, and License Clerks	60	60	0	0%	10	20	409
43-4061	Eligibility Interviewers, Government Programs	80	70	-10	-13%	20	20	409
43-5011	Cargo and Freight Agents	70	60	-10	-14%	20	20	409
43-5041	Meter Readers, Utilities	70	50	-20	-29%	20	20	409
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	40	50	10	25%	10	20	409
45-2011	Agricultural Inspectors	20	30	10	50%	10	20	409
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	0%	10	20	409
47-2022	Stonemasons	70	80	10	14%	10	20	409
47-2130	Insulation Workers	70	70	0	0%	20	20	409
47-4031	Fence Erectors	100	110	10	10%	20	20	409
47-4041	Hazardous Materials Removal Workers	20	30	10	50%	10	20	409
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	50	60	10	20%	10	20	409
49-9031	Home Appliance Repairers	80	80	0	0%	20	20	409

49-9062	Medical Equipment Repairers	60	60	0	0%	20	20	409
49-9094	Locksmiths and Safe Repairers	50	40	-10	-20%	20	20	409
49-9095	Manufactured Building and Mobile Home Installers	80	80	0	0%	20	20	409
51-4012	Numerical Tool and Process Control Programmers	110	110	0	0%	20	20	409
51-4051	Metal-Refining Furnace Operators and Tenders	90	90	0	0%	20	20	409
51-4061	Model Makers, Metal and Plastic	70	70	0	0%	20	20	409
51-4062	Patternmakers, Metal and Plastic	60	60	0	0%	20	20	409
51-4192	Lay-Out Workers, Metal and Plastic	50	60	10	20%	10	20	409
51-5012	Bookbinders	60	50	-10	-17%	20	20	409
51-6092	Fabric and Apparel Patternmakers	20	30	10	50%	10	20	409
51-9011	Chemical Equipment Operators and Tenders	50	40	-10	-20%	20	20	409
51-9082	Medical Appliance Technicians	40	50	10	25%	10	20	409
51-9083	Ophthalmic Laboratory Technicians	40	50	10	25%	10	20	409
51-9193	Cooling and Freezing Equipment Operators and Tenders	80	70	-10	-13%	20	20	409
51-9194	Etchers and Engravers	80	80	0	0%	20	20	409
53-2012	Commercial Pilots	40	40	0	0%	10	20	409
53-3021	Bus Drivers, Transit and Intercity	80	80	0	0%	20	20	409
53-7011	Conveyor Operators and Tenders	30	40	10	33%	10	20	409
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	20	409
53-7121	Tank Car, Truck, and Ship Loaders	70	60	-10	-14%	20	20	409
11-9081	Lodging Managers	50	50	0	0%	10	10	477
11-9121	Natural Sciences Managers	30	30	0	0%	10	10	477
11-9131	Postmasters and Mail Superintendents	50	50	0	0%	10	10	477
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	40	40	0	0%	10	10	477
13-1061	Emergency Management Specialists	20	20	0	0%	0	10	477
13-2051	Financial Analysts	60	60	0	0%	10	10	477
13-2053	Insurance Underwriters	30	30	0	0%	10	10	477
15-2031	Operations Research Analysts	20	20	0	0%	0	10	477
19-1010	Agricultural and Food Scientists	20	20	0	0%	0	10	477
19-1021	Biochemists and Biophysicists	30	20	-10	-33%	10	10	477
19-1032	Foresters	20	20	0	0%	10	10	477
19-2021	Atmospheric and Space Scientists	20	20	0	0%	10	10	477
19-3051	Urban and Regional Planners	30	30	0	0%	10	10	477
21-2011	Clergy	50	50	0	0%	10	10	477
23-1023	Judges, Magistrate Judges, and Magistrates	70	70	0	0%	10	10	477
23-2091	Court Reporters	60	60	0	0%	10	10	477
23-2093	Title Examiners, Abstractors, and Searchers	130	100	-30	-23%	10	10	477
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	20	30	10	50%	0	10	477
27-1011	Art Directors	20	20	0	0%	0	10	477
27-1026	Merchandise Displayers and Window Trimmers	50	50	0	0%	10	10	477
27-2023	Umpires, Referees, and Other Sports Officials	20	20	0	0%	0	10	477
27-2041	Music Directors and Composers	20	20	0	0%	0	10	477
27-4032	Film and Video Editors	30	30	0	0%	10	10	477
29-1063	Internists, General	30	30	0	0%	0	10	477
29-1064	Obstetricians and Gynecologists	50	60	10	20%	10	10	477
29-1081	Podiatrists	30	30	0	0%	10	10	477
29-1124	Radiation Therapists	20	20	0	0%	0	10	477
29-1125	Recreational Therapists	50	50	0	0%	10	10	477
29-2033	Nuclear Medicine Technologists	20	30	10	50%	0	10	477
29-2051	Dietetic Technicians	20	20	0	0%	0	10	477
29-2091	Orthotists and Prosthetists	50	40	-10	-20%	10	10	477
29-9091	Athletic Trainers	30	40	10	33%	10	10	477
33-3011	Bailiffs	30	30	0	0%	10	10	477
33-3031	Fish and Game Wardens	20	20	0	0%	10	10	477
37-2021	Pest Control Workers	90	70	-20	-22%	10	10	477
37-3013	Tree Trimmers and Pruners	40	40	0	0%	10	10	477
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	30	30	0	0%	10	10	477
39-4011	Embalmers	20	20	0	0%	10	10	477
39-5011	Barbers	40	40	0	0%	10	10	477
39-5094	Skin Care Specialists	20	30	10	50%	10	10	477
43-2021	Telephone Operators	20	10	-10	-50%	10	10	477
43-4011	Brokerage Clerks	40	20	-20	-50%	10	10	477
43-4021	Correspondence Clerks	30	30	0	0%	10	10	477
43-4041	Credit Authorizers, Checkers, and Clerks	50	40	-10	-20%	10	10	477
43-9071	Office Machine Operators, Except Computer	60	50	-10	-17%	10	10	477
43-9081	Proofreaders and Copy Markers	50	40	-10	-20%	10	10	477
45-2041	Graders and Sorters, Agricultural Products	30	30	0	0%	10	10	477

47-2043	Floor Sanders and Finishers	40	40	0	0%	10	10	477
47-2044	Tile and Marble Setters	40	40	0	0%	10	10	477
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	60	10	20%	10	10	477
47-2151	Pipelayers	30	30	0	0%	10	10	477
47-2161	Plasterers and Stucco Masons	70	70	0	0%	10	10	477
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	30	30	0	0%	10	10	477
47-4021	Elevator Installers and Repairers	50	50	0	0%	10	10	477
47-5021	Earth Drillers, Except Oil and Gas	40	40	0	0%	10	10	477
47-5081	Helpers--Extraction Workers	20	20	0	0%	10	10	477
49-3041	Farm Equipment Mechanics	40	50	10	25%	10	10	477
49-3051	Motorboat Mechanics	40	40	0	0%	10	10	477
49-3052	Motorcycle Mechanics	30	30	0	0%	10	10	477
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	60	50	-10	-17%	10	10	477
49-9011	Mechanical Door Repairers	20	20	0	0%	10	10	477
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	30	20	-10	-33%	10	10	477
51-6052	Tailors, Dressmakers, and Custom Sewers	50	50	0	0%	10	10	477
51-7031	Model Makers, Wood	30	30	0	0%	10	10	477
51-7032	Patternmakers, Wood	30	40	10	33%	10	10	477
51-8013	Power Plant Operators	20	20	0	0%	10	10	477
51-8021	Stationary Engineers and Boiler Operators	60	60	0	0%	10	10	477
51-8091	Chemical Plant and System Operators	40	30	-10	-25%	10	10	477
51-9071	Jewelers and Precious Stone and Metal Workers	20	20	0	0%	0	10	477
53-2011	Airline Pilots, Copilots, and Flight Engineers	20	20	0	0%	10	10	477
13-1032	Insurance Appraisers, Auto Damage	20	20	0	0%	0	0	547
13-2061	Financial Examiners	20	10	-10	-50%	0	0	547
13-2071	Loan Counselors	30	30	0	0%	0	0	547
17-1012	Landscape Architects	20	20	0	0%	0	0	547
17-3021	Aerospace Engineering and Operations Technicians	20	20	0	0%	0	0	547
23-2092	Law Clerks	30	30	0	0%	0	0	547
43-9111	Statistical Assistants	20	20	0	0%	0	0	547
45-4021	Fallers	20	20	0	0%	0	0	547
49-2098	Security and Fire Alarm Systems Installers	20	10	-10	-50%	0	0	547
49-9096	Riggers	20	10	-10	-50%	0	0	547
51-6051	Sewers, Hand	20	20	0	0%	0	0	547
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	20	20	0	0%	0	0	547
53-7071	Gas Compressor and Gas Pumping Station Operators	20	20	0	0%	0	0	547

1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.