

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 07

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	88,520	93,430	4,910	6%	21,980	28,520	\$30,180	NA
11-0000	Management Occupations	3,640	3,860	220	6%	680	950	\$67,457	NA
11-1000	<i>Top Executives</i>	1,320	1,420	100	8%	240	350	NA	NA
11-1011	Chief Executives	190	190	0	0%	40	40	\$96,717	Work experience plus bachelor's or higher degree
11-1021	General and Operations Managers	1,020	1,120	100	10%	190	300	\$73,924	Work experience plus bachelor's or higher degree
11-1031	Legislators	110	110	0	0%	10	10	\$25,050	NA
11-2000	<i>Advertising, Marketing, Promotions, Public Relations, and Sales Managers</i>	190	190	0	0%	40	40	NA	NA
11-2011	Advertising and Promotions Managers	20	20	0	0%	0	0	\$48,596	Work experience plus bachelor's or higher degree
11-2021	Marketing Managers	70	60	-10	-14%	10	10	NA	Work experience plus bachelor's or higher degree
11-2022	Sales Managers	90	90	0	0%	20	30	\$73,217	Work experience plus bachelor's or higher degree
11-2031	Public Relations Managers	20	20	0	0%	0	0	\$58,142	Work experience plus bachelor's or higher degree
11-3000	<i>Operations Specialties Managers</i>	650	700	50	8%	120	170	NA	NA
11-3011	Administrative Services Managers	110	110	0	0%	20	20	\$50,845	Work experience plus bachelor's or higher degree
11-3021	Computer and Information Systems Managers	140	150	10	7%	30	40	\$77,488	Work experience plus bachelor's or higher degree
11-3031	Financial Managers	130	130	0	0%	20	20	\$81,257	Work experience plus bachelor's or higher degree
11-3040	<i>Human Resources Managers</i>	50	60	10	20%	10	10	NA	NA
11-3051	Industrial Production Managers	150	180	30	20%	30	60	\$87,873	Bachelor's degree
11-3061	Purchasing Managers	40	40	0	0%	10	10	\$70,884	Work experience plus bachelor's or higher degree
11-3071	Transportation, Storage, and Distribution Managers	40	50	10	25%	10	20	\$62,653	Work experience in a related occupation
11-9000	<i>Other Management Occupations</i>	1,480	1,550	70	5%	290	390	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	30	40	10	33%	10	10	NA	Work experience plus bachelor's or higher degree
11-9021	Construction Managers	60	60	0	0%	10	20	\$72,480	Bachelor's degree
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	\$35,271	Work experience plus bachelor's or higher degree
11-9032	Education Administrators, Elementary and Secondary School	160	170	10	6%	40	60	\$69,187	Work experience plus bachelor's or higher degree
11-9033	Education Administrators, Postsecondary	40	40	0	0%	10	10	\$88,872	Work experience plus bachelor's or higher degree
11-9041	Engineering Managers	90	110	20	22%	20	30	\$86,394	Work experience plus bachelor's or higher degree
11-9051	Food Service Managers	320	310	-10	-3%	50	50	\$44,413	Work experience in a related occupation
11-9061	Funeral Directors	20	20	0	0%	10	10	\$63,017	Associate degree
11-9081	Lodging Managers	30	30	0	0%	0	0	NA	Work experience in a related occupation
11-9111	Medical and Health Services Managers	250	290	40	16%	50	90	\$53,201	Work experience plus bachelor's or higher degree
11-9121	Natural Sciences Managers	20	20	0	0%	0	10	NA	Work experience plus bachelor's or higher degree
11-9131	Postmasters and Mail Superintendents	60	50	-10	-17%	10	10	\$45,260	Work experience in a related occupation
11-9141	Property, Real Estate, and Community Association Managers	40	40	0	0%	10	10	\$38,256	Bachelor's degree
11-9151	Social and Community Service Managers	40	50	10	25%	10	10	\$40,043	Bachelor's degree
11-9199	Managers, All Other	300	280	-20	-7%	60	60	\$58,652	Work experience in a related occupation
13-0000	Business and Financial Operations Occupations	2,910	3,250	340	12%	520	860	\$49,272	NA
13-1000	<i>Business Operations Specialists</i>	2,030	2,310	280	14%	360	640	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	\$49,482	Work experience in a related occupation
13-1022	Wholesale and Retail Buyers, Except Farm Products	40	40	0	0%	10	10	\$35,964	Bachelor's degree
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	170	180	10	6%	40	50	\$51,667	Bachelor's degree
13-1031	Claims Adjusters, Examiners, and Investigators	110	110	0	0%	10	10	NA	Long-term on-the-job training
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	20	20	0	0%	10	10	\$50,419	Long-term on-the-job training
13-1051	Cost Estimators	80	100	20	25%	20	30	\$38,523	Bachelor's degree

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	\$37,655	Bachelor's degree
13-1072	Compensation, Benefits, and Job Analysis Specialists	50	60	10	20%	10	20	\$44,280	Bachelor's degree
13-1073	Training and Development Specialists	100	120	20	20%	20	30	\$46,303	Bachelor's degree
13-1111	Management Analysts	160	170	10	6%	20	30	\$62,366	Work experience plus bachelor's or higher degree
13-1199	Business Operations Specialists, All Other	1,170	1,390	220	19%	200	420		NA Bachelor's degree
13-2000	<i>Financial Specialists</i>	880	940	60	7%	160	220		NA NA
13-2011	Accountants and Auditors	500	510	10	2%	90	100	\$48,397	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	100	110	10	10%	20	40	\$23,019	Postsecondary vocational training
13-2031	Budget Analysts	20	20	0	0%	0	0	\$58,665	Bachelor's degree
13-2051	Financial Analysts	60	70	10	17%	10	20	\$45,785	Bachelor's degree
13-2052	Personal Financial Advisors	40	50	10	25%	10	20		NA Bachelor's degree
13-2072	Loan Officers	130	140	10	8%	20	30	\$49,443	Bachelor's degree
15-0000	Computer and Mathematical Occupations	850	960	110	13%	120	230	\$49,043	NA
15-1000	<i>Computer Specialists</i>	810	920	110	14%	110	220		NA NA
15-1021	Computer Programmers	130	130	0	0%	30	30	\$44,845	Bachelor's degree
15-1031	Computer Software Engineers, Applications	140	150	10	7%	10	20	\$67,839	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	30	40	10	33%	0	10		NA Bachelor's degree
15-1041	Computer Support Specialists	200	240	40	20%	30	60	\$33,469	Associate degree
15-1051	Computer Systems Analysts	160	180	20	13%	20	50	\$54,668	Bachelor's degree
15-1061	Database Administrators	30	30	0	0%	0	10	\$53,160	Bachelor's degree
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	20	\$50,018	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	30	40	10	33%	0	10	\$48,938	Bachelor's degree
15-1099	Computer Specialists, All Other	30	30	0	0%	0	10	\$40,758	Postsecondary vocational training
15-2000	<i>Mathematical Scientists</i>	40	40	0	0%	10	10		NA NA
15-2041	Statisticians	30	30	0	0%	10	10		NA Master's degree
17-0000	Architecture and Engineering Occupations	790	870	80	10%	190	280	\$51,289	NA
17-1000	<i>Architects, Surveyors, and Cartographers</i>	30	40	10	33%	10	10		NA NA
17-1011	Architects, Except Landscape and Naval	20	20	0	0%	0	10	\$45,115	Bachelor's degree
17-1022	Surveyors	20	20	0	0%	10	10		NA Bachelor's degree
17-2000	<i>Engineers</i>	510	560	50	10%	120	170		NA NA
17-2051	Civil Engineers	50	60	10	20%	10	10	\$58,798	Bachelor's degree
17-2071	Electrical Engineers	60	70	10	17%	10	20	\$58,297	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	\$63,578	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspec	20	20	0	0%	10	10	\$80,371	Bachelor's degree
17-2112	Industrial Engineers	140	150	10	7%	30	50	\$52,827	Bachelor's degree
17-2131	Materials Engineers	40	40	0	0%	10	20		NA Bachelor's degree
17-2141	Mechanical Engineers	100	110	10	10%	30	40	\$59,619	Bachelor's degree
17-2199	Engineers, All Other	40	40	0	0%	10	10		NA Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	240	270	30	13%	60	100		NA NA
17-3011	Architectural and Civil Drafters	20	20	0	0%	0	0	\$34,490	Postsecondary vocational training
17-3013	Mechanical Drafters	30	30	0	0%	10	10	\$35,471	Postsecondary vocational training
17-3023	Electrical and Electronic Engineering Technicians	80	90	10	13%	20	30		NA Associate degree
17-3026	Industrial Engineering Technicians	20	20	0	0%	0	10	\$46,562	Associate degree
17-3031	Surveying and Mapping Technicians	50	50	0	0%	20	20	\$35,586	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	30	30	0	0%	10	10		NA NA
19-0000	Life, Physical, and Social Science Occupations	590	690	100	17%	140	240	\$43,989	NA
19-1000	<i>Life Scientists</i>	100	120	20	20%	20	40		NA NA
19-1022	Microbiologists	20	30	10	50%	10	10	\$72,314	Doctoral degree
19-1042	Medical Scientists, Except Epidemiologists	40	50	10	25%	10	10		NA Doctoral degree
19-2000	<i>Physical Scientists</i>	60	70	10	17%	20	30		NA NA
19-2031	Chemists	40	50	10	25%	10	30	\$64,117	Bachelor's degree

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19-3000	<i>Social Scientists and Related Workers</i>	170	190	20	12%	40	60	NA NA	
19-3021	Market Research Analysts	40	40	0	0%	10	10	\$39,874	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	90	110	20	22%	20	40	\$57,248	Master's degree
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	\$38,613	Master's degree
19-3099	Social Scientists and Related Workers, All Other	30	20	-10	-33%	10	10	NA	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	260	300	40	15%	60	100	NA NA	
19-4021	Biological Technicians	50	60	10	20%	10	20	NA	Associate degree
19-4031	Chemical Technicians	80	90	10	13%	20	30	\$41,125	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	110	130	20	18%	30	40	\$29,031	Associate degree
21-0000	Community and Social Services Occupations	880	1,400	520	59%	170	700	\$29,319	NA
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	820	1,290	470	57%	160	630	NA NA	
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	40	10	33%	10	20	\$31,053	Master's degree
21-1012	Educational, Vocational, and School Counselors	200	220	20	10%	50	70	\$39,522	Master's degree
21-1013	Marriage and Family Therapists	20	90	70	350%	0	70	NA	Master's degree
21-1015	Rehabilitation Counselors	110	120	10	9%	20	40	\$22,804	Master's degree
21-1021	Child, Family, and School Social Workers	250	510	260	104%	40	300	\$29,363	Bachelor's degree
21-1022	Medical and Public Health Social Workers	30	50	20	67%	10	20	\$38,748	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	NA	Master's degree
21-1091	Health Educators	20	20	0	0%	0	10	NA	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	20	30	10	50%	0	10	NA	Bachelor's degree
21-1093	Social and Human Service Assistants	90	140	50	56%	20	70	\$24,062	Moderate-term on-the-job training
21-2000	<i>Religious Workers</i>	20	10	-10	-50%	0	0	NA NA	
21-2011	Clergy	20	10	-10	-50%	0	0	\$33,313	Master's degree
21-9000	<i>Miscellaneous Counselors, Social, & Religious Workers</i>	40	100	60	150%	10	60	NA NA	
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	40	100	60	150%	10	60	NA NA	
23-0000	Legal Occupations	320	380	60	19%	40	100	\$52,433	NA
23-1000	<i>Lawyers, Judges, and Related Workers</i>	150	170	20	13%	20	40	NA NA	
23-1011	Lawyers	130	150	20	15%	20	40	\$92,127	First professional degree
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$61,246	Work experience plus bachelor's or higher degree
23-2000	<i>Legal Support Workers</i>	150	190	40	27%	20	50	NA NA	
23-2011	Paralegals and Legal Assistants	60	90	30	50%	10	30	\$28,491	Associate degree
23-2091	Court Reporters	30	30	0	0%	0	10	NA	Postsecondary vocational training
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	\$23,558	Moderate-term on-the-job training
23-9000	<i>Miscellaneous Legal & Related Workers</i>	20	20	0	0%	0	0	NA NA	
23-9099	Legal and Related Workers, All Other (OES Only)	20	20	0	0%	0	0	NA NA	
25-0000	Education, Training, and Library Occupations	4,650	5,300	650	14%	1,020	1,670	\$38,170	NA
25-1000	<i>Postsecondary Teachers</i>	950	1,210	260	27%	210	480	NA NA	
25-1011	Business Teachers, Postsecondary	50	60	10	20%	10	30	\$49,899	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	30	40	10	33%	10	20	NA	Doctoral degree
25-1022	Mathematical Science Teachers, Postsecondary	20	30	10	50%	10	10	\$49,821	Doctoral degree
25-1081	Education Teachers, Postsecondary	30	30	0	0%	10	10	NA	Doctoral degree
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	NA	Doctoral degree
25-1121	Art, Drama, and Music Teachers, Postsecondary	290	380	90	31%	70	150	NA	Doctoral degree
25-1123	English Language and Literature Teachers, Postsecondary	30	40	10	33%	10	20	\$45,123	Doctoral degree
25-1194	Vocational Education Teachers, Postsecondary	50	60	10	20%	10	30	\$47,739	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	350	450	100	29%	80	170	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	2,290	2,480	190	8%	540	730	NA NA	
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	20	NA	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	70	80	10	14%	10	20	\$43,998	Bachelor's degree

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		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
25-2021	Elementary School Teachers, Except Special Education	770	810	40	5%	170	210	\$45,384	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	300	300	0	0%	70	70	\$44,356	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	650	700	50	8%	180	240	\$44,602	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	70	70	0	0%	20	20	\$46,404	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	170	210	40	24%	40	80	\$44,125	Bachelor's degree
25-2042	Special Education Teachers, Middle School	70	90	20	29%	20	30	\$40,066	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	120	140	20	17%	30	50	\$43,694	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	400	480	80	20%	50	130	NA NA	
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	0	NA	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	140	170	30	21%	20	50	\$29,526	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	240	280	40	17%	30	70	NA NA	
25-4000	<i>Librarians, Curators, and Archivists</i>	220	230	10	5%	70	80	NA NA	
25-4010	Archivists, Curators, and Museum Technicians	20	30	10	50%	10	10	NA NA	
25-4021	Librarians	70	70	0	0%	20	20	\$49,060	Master's degree
25-4031	Library Technicians	120	140	20	17%	50	60	NA	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	790	890	100	13%	150	250	NA NA	
25-9031	Instructional Coordinators	50	50	0	0%	10	20	\$49,203	Master's degree
25-9041	Teacher Assistants	730	820	90	12%	140	230	\$16,608	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	20	20	0	0%	0	10	NA NA	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	800	780	-20	-3%	150	180	\$31,170	NA
27-1000	<i>Art and Design Workers</i>	200	200	0	0%	30	40	NA NA	
27-1023	Floral Designers	30	30	0	0%	0	0	\$19,256	Moderate-term on-the-job training
27-1024	Graphic Designers	80	80	0	0%	10	20	\$33,082	Bachelor's degree
27-1025	Interior Designers	20	20	0	0%	0	10	NA	Bachelor's degree
27-1099	Art and Design Workers, All Other (OES Only)	50	40	-10	-20%	10	10	NA NA	
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	160	160	0	0%	30	30	NA NA	
27-2012	Producers and Directors	50	40	-10	-20%	10	10	\$40,938	Work experience plus bachelor's or higher degree
27-2022	Coaches and Scouts	40	50	10	25%	10	10	\$32,464	Long-term on-the-job training
27-2042	Musicians and Singers	20	20	0	0%	0	0	NA	Long-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	30	30	0	0%	0	0	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	300	290	-10	-3%	60	70	NA NA	
27-3010	Announcers	70	50	-20	-29%	20	20	NA NA	
27-3020	News Analysts, Reporters and Correspondents	20	20	0	0%	0	0	NA NA	
27-3031	Public Relations Specialists	90	100	10	11%	10	20	\$40,403	Bachelor's degree
27-3041	Editors	40	40	0	0%	10	10	\$36,817	Bachelor's degree
27-3042	Technical Writers	20	20	0	0%	10	10	NA	Bachelor's degree
27-3043	Writers and Authors	60	60	0	0%	10	10	NA	Bachelor's degree
27-4000	<i>Media and Communication Equipment Workers</i>	140	120	-20	-14%	30	30	NA NA	
27-4012	Broadcast Technicians	40	30	-10	-25%	10	10	NA	Postsecondary vocational training
27-4021	Photographers	50	50	0	0%	10	10	\$22,941	Long-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	20	10	-10	-50%	0	0	NA	Moderate-term on-the-job training
27-4032	Film and Video Editors	20	20	0	0%	0	0	NA	Bachelor's degree
29-0000	Healthcare Practitioners and Technical Occupations	4,140	4,620	480	12%	790	1,300	\$43,593	NA
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	2,300	2,580	280	12%	460	750	NA NA	
29-1020	Dentists	130	120	-10	-8%	20	20	NA NA	
29-1031	Dietitians and Nutritionists	30	50	20	67%	10	30	\$39,661	Bachelor's degree
29-1041	Optometrists	20	20	0	0%	10	10	NA	First professional degree
29-1051	Pharmacists	220	230	10	5%	40	50	\$82,840	First professional degree
29-1062	Family and General Practitioners	60	110	50	83%	10	50	\$162,677	First professional degree
29-1067	Surgeons	50	50	0	0%	10	10	NA	First professional degree
29-1071	Physician Assistants	20	30	10	50%	0	10	\$38,073	Bachelor's degree
29-1111	Registered Nurses	1,410	1,540	130	9%	300	430	\$43,293	Associate degree

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29-1122	Occupational Therapists	60	70	10	17%	10	20	\$47,177	Bachelor's degree
29-1123	Physical Therapists	80	90	10	13%	10	20	\$65,473	Master's degree
29-1126	Respiratory Therapists	80	100	20	25%	30	40	\$42,279	Associate degree
29-1127	Speech-Language Pathologists	70	70	0	0%	20	20	\$41,387	Master's degree
29-1131	Veterinarians	20	20	0	0%	10	10	NA	First professional degree
29-2000	<i>Health Technologists and Technicians</i>	1,710	1,910	200	12%	310	520	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	50	50	0	0%	10	10	\$39,337	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	120	120	0	0%	30	30	\$30,147	Associate degree
29-2021	Dental Hygienists	30	40	10	33%	0	10	NA	Associate degree
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	NA	Associate degree
29-2034	Radiologic Technologists and Technicians	140	220	80	57%	30	110	\$38,611	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	200	250	50	25%	20	80	\$22,316	Postsecondary vocational training
29-2052	Pharmacy Technicians	340	330	-10	-3%	40	40	\$22,607	Moderate-term on-the-job training
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	10	\$35,672	Postsecondary vocational training
29-2055	Surgical Technologists	60	60	0	0%	10	10	\$31,545	Postsecondary vocational training
29-2061	Licensed Practical and Licensed Vocational Nurses	550	580	30	5%	120	160	\$30,238	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	90	110	20	22%	10	30	\$26,291	Associate degree
29-2081	Opticians, Dispensing	60	50	-10	-17%	10	10	NA	Long-term on-the-job training
29-9000	<i>Other Healthcare Practitioners and Technical Occupations</i>	50	60	10	20%	10	20	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	NA	NA
29-9091	Athletic Trainers	20	30	10	50%	10	10	\$28,217	Bachelor's degree
29-9100	<i>Other Health Practitioners And Technical Workers</i>	70	70	0	0%	10	20	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	70	70	0	0%	10	20	NA	NA
31-0000	Healthcare Support Occupations	1,960	2,230	270	14%	300	590	\$19,830	NA
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>	1,320	1,430	110	8%	170	280	NA	NA
31-1011	Home Health Aides	190	190	0	0%	30	30	\$19,106	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	1,120	1,220	100	9%	150	250	\$17,888	Short-term on-the-job training
31-1013	Psychiatric Aides	20	20	0	0%	0	0	NA	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>	70	80	10	14%	10	20	NA	NA
31-2021	Physical Therapist Assistants	40	40	0	0%	10	10	\$36,352	Associate degree
31-2022	Physical Therapist Aides	30	30	0	0%	0	10	NA	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>	570	720	150	26%	120	290	NA	NA
31-9091	Dental Assistants	110	140	30	27%	30	70	NA	Moderate-term on-the-job training
31-9092	Medical Assistants	230	360	130	57%	40	170	\$23,968	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	30	20	-10	-33%	10	10	\$20,057	Short-term on-the-job training
31-9094	Medical Transcriptionists	70	70	0	0%	10	10	NA	Postsecondary vocational training
31-9095	Pharmacy Aides	50	40	-10	-20%	10	10	\$16,578	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	20	20	0	0%	0	0	\$16,157	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	50	50	0	0%	10	20	\$22,355	Short-term on-the-job training
33-0000	Protective Service Occupations	3,240	3,600	360	11%	810	1,170	\$30,007	NA
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>	390	410	20	5%	120	140	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	250	260	10	4%	70	90	\$34,920	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	50	60	10	20%	20	20	\$49,102	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	50	10	25%	20	20	NA	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	40	40	0	0%	10	10	\$31,420	Work experience in a related occupation
33-2000	<i>Fire Fighting and Prevention Workers</i>	190	210	20	11%	50	80	NA	NA
33-2011	Fire Fighters	190	210	20	11%	50	80	\$34,270	Long-term on-the-job training
33-3000	<i>Law Enforcement Workers</i>	1,880	2,130	250	13%	410	670	NA	NA
33-3012	Correctional Officers and Jailers	1,470	1,670	200	14%	310	500	\$30,481	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	\$38,974	Work experience in a related occupation
33-3031	Fish and Game Wardens	20	20	0	0%	0	0	NA	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	
33-3051	Police and Sheriff's Patrol Officers	340	400	60	18%	90	150	\$36,463	Long-term on-the-job training
33-9000	<i>Other Protective Service Workers</i>	790	850	60	8%	220	280	NA NA	
33-9021	Private Detectives and Investigators	20	20	0	0%	0	10	NA	Work experience in a related occupation
33-9032	Security Guards	610	660	50	8%	130	180	\$23,238	Short-term on-the-job training
33-9091	Crossing Guards	70	70	0	0%	20	30	NA NA	
33-9099	Protective Service Workers, All Other	90	90	0	0%	60	70	\$24,907	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	8,100	8,380	280	3%	3,180	3,550	\$15,682	NA
35-1000	<i>Supervisors, Food Preparation and Serving Workers</i>	670	700	30	4%	160	200	NA NA	
35-1011	Chefs and Head Cooks	90	90	0	0%	30	30	\$29,833	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	580	610	30	5%	140	170	\$24,240	Work experience in a related occupation
35-2000	<i>Cooks and Food Preparation Workers</i>	2,590	2,570	-20	-1%	830	870	NA NA	
35-2011	Cooks, Fast Food	620	620	0	0%	190	190	\$13,854	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	390	340	-50	-13%	120	120	\$19,963	Long-term on-the-job training
35-2014	Cooks, Restaurant	480	490	10	2%	150	150	\$17,587	Long-term on-the-job training
35-2015	Cooks, Short Order	460	450	-10	-2%	140	140	NA	Short-term on-the-job training
35-2021	Food Preparation Workers	640	670	30	5%	230	260	\$16,046	Short-term on-the-job training
35-3000	<i>Food and Beverage Serving Workers</i>	4,150	4,420	270	7%	1,960	2,260	NA NA	
35-3011	Bartenders	370	350	-20	-5%	150	150	\$16,167	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,900	2,170	270	14%	830	1,090	\$13,460	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	290	320	30	10%	190	220	\$14,292	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,470	1,480	10	1%	760	770	\$14,232	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	120	110	-10	-8%	40	40	\$16,517	Short-term on-the-job training
35-9000	<i>Other Food Preparation and Serving Related Workers</i>	700	680	-20	-3%	230	230	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	170	170	0	0%	60	60	\$13,616	Short-term on-the-job training
35-9021	Dishwashers	310	300	-10	-3%	110	110	\$13,759	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	210	210	0	0%	70	70	\$14,389	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	2,970	3,120	150	5%	590	750	\$19,570	NA
37-1000	<i>Supervisors, Building and Grounds Cleaning and Maintenance Workers</i>	270	280	10	4%	50	60	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	160	160	0	0%	40	40	\$26,315	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	110	120	10	9%	10	20	\$33,270	Work experience in a related occupation
37-2000	<i>Building Cleaning and Pest Control Workers</i>	1,940	2,030	90	5%	380	460	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,200	1,280	80	7%	230	300	\$19,978	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	710	720	10	1%	150	160	\$15,718	Short-term on-the-job training
37-2021	Pest Control Workers	30	30	0	0%	10	10	\$23,755	Moderate-term on-the-job training
37-3000	<i>Grounds Maintenance Workers</i>	760	820	60	8%	170	230	NA NA	
37-3011	Landscaping and Groundskeeping Workers	710	760	50	7%	150	210	\$17,600	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
39-0000	Personal Care and Service Occupations	2,720	3,040	320	12%	660	980	\$18,242	NA
39-1000	<i>Supervisors, Personal Care and Service Workers</i>	190	190	0	0%	50	50	NA NA	
39-1021	First-Line Supervisors/Managers of Personal Service Workers	190	190	0	0%	50	50	\$26,878	Work experience in a related occupation
39-2000	<i>Animal Care and Service Workers</i>	110	120	10	9%	30	40	NA NA	
39-2021	Nonfarm Animal Caretakers	100	110	10	10%	30	40	\$16,179	Short-term on-the-job training
39-3000	<i>Entertainment Attendants and Related Workers</i>	170	190	20	12%	70	80	NA NA	
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	60	0	0%	40	40	NA	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	50	60	10	20%	10	20	\$14,821	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	40	50	10	25%	10	20	NA NA	

Code	Occupational Title	2002	2012	Total	Percent	Replacements ¹	Total	2004	Education Requirement ³
		Employment	Projection	Growth	Change		Openings	Annual Wage ²	
39-4000	Funeral Service Workers	30	30	0	0%	10	10	NA NA	
39-4021	Funeral Attendants	20	30	10	50%	10	10	\$18,772	Short-term on-the-job training
39-5000	Personal Appearance Workers	500	560	60	12%	100	160	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	470	530	60	13%	90	150	\$18,410	Postsecondary vocational training
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	10	NA	Postsecondary vocational training
39-6000	Transportation, Tourism, and Lodging Attendants	20	20	0	0%	0	10	NA NA	
39-9000	Other Personal Care and Service Workers	1,710	1,930	220	13%	410	630	NA NA	
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	\$18,606	Short-term on-the-job training
39-9021	Personal and Home Care Aides	340	480	140	41%	50	190	\$16,739	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	40	50	10	25%	10	20	NA	Postsecondary vocational training
39-9032	Recreation Workers	160	180	20	13%	40	60	\$19,755	Bachelor's degree
39-9041	Residential Advisors	30	30	0	0%	10	10	\$21,050	Moderate-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	100	130	30	30%	20	50	\$20,784	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	9,330	9,300	-30	0%	3,250	3,340	\$23,872	NA
41-1000	Supervisors, Sales Workers	1,490	1,440	-50	-3%	270	270	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,210	1,170	-40	-3%	220	220	\$34,575	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	\$58,375	Work experience in a related occupation
41-2000	Retail Sales Workers	6,200	6,240	40	1%	2,620	2,670	NA NA	
41-2011	Cashiers	3,040	3,050	10	0%	1,480	1,490	\$15,061	Short-term on-the-job training
41-2021	Counter and Rental Clerks	290	310	20	7%	110	140	\$17,432	Short-term on-the-job training
41-2022	Parts Salespersons	210	200	-10	-5%	60	60	\$21,192	Moderate-term on-the-job training
41-2031	Retail Salespersons	2,670	2,690	20	1%	970	990	\$21,154	Short-term on-the-job training
41-3000	Sales Representatives, Services	320	310	-10	-3%	70	70	NA NA	
41-3011	Advertising Sales Agents	80	80	0	0%	20	20	\$35,179	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	140	130	-10	-7%	30	30	\$42,910	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	70	60	-10	-14%	10	10	\$92,770	Bachelor's degree
41-3041	Travel Agents	40	30	-10	-25%	10	10	NA	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	690	700	10	1%	180	200	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	160	160	0	0%	40	40	\$56,111	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	520	540	20	4%	140	160	\$39,399	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	630	610	-20	-3%	120	140	NA NA	
41-9011	Demonstrators and Product Promoters	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
41-9022	Real Estate Sales Agents	110	90	-20	-18%	20	20	\$23,447	Postsecondary vocational training
41-9031	Sales Engineers	30	30	0	0%	10	10	\$65,135	Bachelor's degree
41-9041	Telemarketers	320	290	-30	-9%	50	50	NA	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	140	150	10	7%	30	40	\$31,329	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	13,510	13,020	-490	-4%	3,100	3,420	\$24,842	NA
43-1000	Supervisors, Office and Administrative Support Workers	720	700	-20	-3%	160	160	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Wo	720	700	-20	-3%	160	160	\$33,657	Work experience in a related occupation
43-2000	Communications Equipment Operators	130	120	-10	-8%	30	30	NA NA	
43-2011	Switchboard Operators, Including Answering Service	130	110	-20	-15%	30	30	\$19,513	Short-term on-the-job training
43-3000	Financial Clerks	2,290	2,240	-50	-2%	580	610	NA NA	
43-3011	Bill and Account Collectors	200	210	10	5%	40	50	\$21,927	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	360	360	0	0%	60	60	\$23,993	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,100	1,020	-80	-7%	210	210	\$25,037	Moderate-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	110	100	-10	-9%	30	30	\$26,905	Short-term on-the-job training
43-3061	Procurement Clerks	50	50	0	0%	10	10	\$29,858	Short-term on-the-job training
43-3071	Tellers	470	490	20	4%	230	250	\$15,547	Short-term on-the-job training

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement ³
		Employment	Projection	Growth	Change	Replacements ¹	Openings	Annual Wage ²	
43-4000	<i>Information and Record Clerks</i>	2,360	2,490	130	6%	490	690	NA NA	
43-4011	Brokerage Clerks	20	20	0	0%	0	0	\$22,132	Moderate-term on-the-job training
43-4021	Correspondence Clerks	20	10	-10	-50%	10	10	NA	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	50	50	0	0%	10	10	\$20,949	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	40	40	0	0%	10	10	\$19,221	Short-term on-the-job training
43-4051	Customer Service Representatives	970	1,020	50	5%	140	190	\$25,220	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	20	10	-10	-50%	10	10	\$25,061	Moderate-term on-the-job training
43-4071	File Clerks	70	70	0	0%	20	20	\$20,412	Short-term on-the-job training
43-4081	Hotel, Motel, and Resort Desk Clerks	110	120	10	9%	50	60	\$15,437	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	20	\$22,163	Short-term on-the-job training
43-4121	Library Assistants, Clerical	20	20	0	0%	10	10	\$18,350	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	120	100	-20	-17%	20	20	NA	Short-term on-the-job training
43-4141	New Accounts Clerks	60	60	0	0%	20	20	\$18,540	Work experience in a related occupation
43-4151	Order Clerks	120	100	-20	-17%	30	30	NA	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	80	80	0	0%	20	20	\$28,492	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	510	630	120	24%	130	240	\$19,337	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	100	100	0	0%	20	20	NA NA	
43-5000	<i>Material Recording, Scheduling, Dispatching, and Distributing Workers</i>	2,320	2,130	-190	-8%	670	700	NA NA	
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	\$18,497	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	70	70	0	0%	20	20	\$23,977	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	90	90	0	0%	20	20	\$31,098	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	70	60	-10	-14%	20	20	\$24,037	NA
43-5051	Postal Service Clerks	70	60	-10	-14%	20	20	\$42,120	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	280	260	-20	-7%	90	90	\$40,309	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operat	170	140	-30	-18%	40	40	\$34,694	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	180	210	30	17%	50	70	\$37,703	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	520	500	-20	-4%	110	110	\$28,285	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	810	670	-140	-17%	300	300	\$19,066	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	20	30	10	50%	10	10	\$21,026	Short-term on-the-job training
43-6000	<i>Secretaries and Administrative Assistants</i>	2,840	2,670	-170	-6%	540	600	NA NA	
43-6011	Executive Secretaries and Administrative Assistants	1,050	1,010	-40	-4%	200	200	\$31,882	Moderate-term on-the-job training
43-6012	Legal Secretaries	110	140	30	27%	20	50	\$27,363	Postsecondary vocational training
43-6013	Medical Secretaries	170	190	20	12%	30	50	\$23,761	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,520	1,330	-190	-13%	290	290	\$23,576	Moderate-term on-the-job training
43-9000	<i>Other Office and Administrative Support Workers</i>	2,850	2,680	-170	-6%	630	630	NA NA	
43-9011	Computer Operators	50	40	-10	-20%	10	10	\$27,729	Moderate-term on-the-job training
43-9021	Data Entry Keyers	190	140	-50	-26%	50	50	\$19,808	Moderate-term on-the-job training
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	\$23,909	Moderate-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	50	50	0	0%	10	10	\$24,412	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	40	30	-10	-25%	10	10	NA	Short-term on-the-job training
43-9061	Office Clerks, General	1,930	1,920	-10	-1%	430	430	\$20,612	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	70	60	-10	-14%	20	20	\$24,018	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	\$21,523	Short-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	410	370	-40	-10%	90	90	NA NA	
45-0000	Farming, Fishing, and Forestry Occupations	340	340	0	0%	90	110	\$25,053	NA
45-1000	<i>Supervisors, Farming, Fishing, and Forestry Workers</i>	20	30	10	50%	10	10	NA NA	
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worke	20	30	10	50%	10	10	\$38,365	Work experience in a related occupation
45-2000	<i>Agricultural Workers</i>	260	250	-10	-4%	70	80	NA NA	
45-2041	Graders and Sorters, Agricultural Products	50	40	-10	-20%	10	10	NA	Work experience in a related occupation
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	NA	Moderate-term on-the-job training
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	130	130	0	0%	40	40	\$18,378	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	50	40	-10	-20%	10	10	NA	Moderate-term on-the-job training
45-4000	<i>Forest, Conservation, and Logging Workers</i>	50	50	0	0%	10	10	NA NA	
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	NA	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
47-0000	Construction and Extraction Occupations	3,740	3,940	200	5%	730	980	\$38,400 NA	
47-1000	Supervisors, Construction and Extraction Workers	400	430	30	8%	70	100	NA NA	
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	400	430	30	8%	70	100	\$49,468	Work experience in a related occupation
47-2000	Construction Trades Workers	2,870	3,020	150	5%	560	740	NA NA	
47-2011	Boilermakers	30	30	0	0%	10	10	\$37,738	Long-term on-the-job training
47-2021	Brickmasons and Blockmasons	30	30	0	0%	0	10	\$59,775	Long-term on-the-job training
47-2031	Carpenters	360	380	20	6%	60	80	\$34,550	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	80	90	10	13%	20	30	\$29,671	Long-term on-the-job training
47-2061	Construction Laborers	500	570	70	14%	70	130	\$35,646	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	50	0	0%	10	20	NA	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	250	280	30	12%	60	90	\$36,215	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	80	80	0	0%	20	20	NA	Moderate-term on-the-job training
47-2082	Tapers	20	20	0	0%	0	10	NA	Moderate-term on-the-job training
47-2111	Electricians	300	310	10	3%	60	70	\$47,116	Long-term on-the-job training
47-2141	Painters, Construction and Maintenance	230	210	-20	-9%	40	40	\$36,260	Moderate-term on-the-job training
47-2151	Pipelayers	50	50	0	0%	10	20	\$30,142	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	410	390	-20	-5%	90	90	NA	Long-term on-the-job training
47-2161	Plasterers and Stucco Masons	60	60	0	0%	10	10	NA	Long-term on-the-job training
47-2181	Roofers	220	230	10	5%	50	60	\$32,813	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	160	150	-10	-6%	40	40	\$39,779	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	50	50	0	0%	10	10	NA	Long-term on-the-job training
47-3000	Helpers, Construction Trades	130	130	0	0%	50	60	NA NA	
47-3012	Helpers--Carpenters	40	40	0	0%	20	20	\$19,554	Short-term on-the-job training
47-3013	Helpers--Electricians	30	30	0	0%	10	10	\$21,216	Short-term on-the-job training
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	20	20	0	0%	10	10	NA	Short-term on-the-job training
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	20	10	-10	-50%	10	10	NA	Short-term on-the-job training
47-4000	Other Construction and Related Workers	320	340	20	6%	50	70	NA NA	
47-4011	Construction and Building Inspectors	30	30	0	0%	10	10	\$31,945	Work experience in a related occupation
47-4031	Fence Erectors	60	70	10	17%	10	20	NA	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	210	220	10	5%	30	40	\$23,394	Moderate-term on-the-job training
47-5000	Extraction Workers	20	20	0	0%	10	10	NA NA	
49-0000	Installation, Maintenance, and Repair Occupations	4,340	4,620	280	6%	1,000	1,330	\$34,107 NA	
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	500	530	30	6%	130	160	NA NA	
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	500	530	30	6%	130	160	\$45,352	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	310	330	20	6%	60	90	NA NA	
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	0%	10	10	\$26,073	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	60	60	0	0%	10	10	\$45,536	Postsecondary vocational training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipm	20	30	10	50%	10	10	NA	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	110	130	20	18%	20	40	\$48,438	Postsecondary vocational training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	30	30	0	0%	10	10	NA	Postsecondary vocational training
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	20	20	0	0%	0	10	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,130	1,150	20	2%	290	310	NA NA	
49-3011	Aircraft Mechanics and Service Technicians	60	60	0	0%	10	10	\$48,249	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	\$33,710	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	NA	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	470	470	0	0%	120	130	\$27,318	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	210	230	20	10%	60	70	\$29,545	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	40	40	0	0%	10	10	\$25,848	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	70	80	10	14%	20	20	\$36,760	Postsecondary vocational training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	\$25,399	Moderate-term on-the-job training
49-3093	Tire Repairers and Changers	50	40	-10	-20%	20	20	\$23,375	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	2,410	2,620	210	9%	520	770	NA NA	

Code	Occupational Title	2002	2012	Total	Percent	Total		2004	Education Requirement ³
		Employment	Projection	Growth	Change	Replacements ¹	Openings	Annual Wage ²	
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	180	10	6%	20	40	\$28,266	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	260	300	40	15%	50	100	\$36,553	Long-term on-the-job training
49-9042	Maintenance and Repair Workers, General	1,180	1,340	160	14%	230	380	\$31,628	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	80	90	10	13%	20	30	\$34,012	Long-term on-the-job training
49-9044	Millwrights	70	70	0	0%	20	20	\$45,353	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	80	70	-10	-13%	20	20	NA	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	190	180	-10	-5%	50	50	\$36,250	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	30	30	0	0%	10	10	\$31,059	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	20	20	0	0%	10	10	\$28,380	Moderate-term on-the-job training
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	180	10	6%	60	70	\$19,922	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	100	100	0	0%	20	20	\$30,792	Long-term on-the-job training
51-0000	Production Occupations	10,600	11,390	790	7%	2,600	3,610	\$31,131	NA
51-1000	Supervisors, Production Workers	980	1,150	170	17%	210	370	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	980	1,150	170	17%	210	370	\$47,898	Work experience in a related occupation
51-2000	Assemblers and Fabricators	1,450	1,490	40	3%	370	440	NA	NA
51-2022	Electrical and Electronic Equipment Assemblers	220	220	0	0%	50	50	NA	Short-term on-the-job training
51-2023	Electromechanical Equipment Assemblers	100	80	-20	-20%	20	20	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	140	140	0	0%	30	30	\$27,008	Moderate-term on-the-job training
51-2092	Team Assemblers	930	1,000	70	8%	240	310	\$28,112	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	50	50	0	0%	10	10	\$19,224	Moderate-term on-the-job training
51-3000	Food Processing Workers	180	160	-20	-11%	40	40	NA	NA
51-3011	Bakers	70	70	0	0%	20	20	\$17,614	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	70	60	-10	-14%	20	20	\$21,987	Long-term on-the-job training
51-3092	Food Batchmakers	20	20	0	0%	10	10	\$18,540	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers	3,030	3,370	340	11%	760	1,120	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	110	120	10	9%	20	40	\$26,830	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	290	340	50	17%	100	150	\$27,638	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	170	170	0	0%	40	40	\$34,938	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	530	630	100	19%	120	230	\$26,926	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	70	60	-10	-14%	10	10	\$28,295	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	0%	10	10	\$33,986	Moderate-term on-the-job training
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	\$35,959	Moderate-term on-the-job training
51-4041	Machinists	250	290	40	16%	60	100	\$32,299	Long-term on-the-job training
51-4071	Foundry Mold and Coremakers	20	10	-10	-50%	10	10	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	710	740	30	4%	180	210	NA	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	310	40	15%	80	120	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	110	140	30	27%	30	50	\$47,813	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	250	290	40	16%	70	110	\$33,411	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	\$30,819	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	70	10	17%	10	30	NA	Moderate-term on-the-job training
51-4194	Tool Grinders, Filers, and Sharpeners	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-5000	Printing Workers	530	500	-30	-6%	130	140	NA	NA
51-5011	Bindery Workers	90	70	-20	-22%	20	20	\$29,471	Moderate-term on-the-job training
51-5021	Job Printers	130	130	0	0%	30	30	\$31,625	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	100	90	-10	-10%	20	20	NA	Long-term on-the-job training
51-5023	Printing Machine Operators	210	220	10	5%	50	60	\$23,307	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	620	650	30	5%	140	200	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	280	260	-20	-7%	80	80	\$16,741	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	40	40	0	0%	10	10	\$19,469	Short-term on-the-job training
51-6031	Sewing Machine Operators	50	50	0	0%	10	10	NA	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	40	40	0	0%	10	10	NA	Work experience in a related occupation
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	190	240	50	26%	40	90	NA	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
51-7000	Woodworkers	150	150	0	0%	40	40	NA NA	
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	\$32,694	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	40	30	-10	-25%	10	10	\$20,610	Moderate-term on-the-job training
51-8000	Plant and System Operators	640	640	0	0%	190	230	NA NA	
51-8013	Power Plant Operators	210	190	-20	-10%	60	60	\$57,082	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	70	60	-10	-14%	10	10	\$46,346	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	270	300	30	11%	90	120	\$30,924	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	50	70	20	40%	20	30	NA	Long-term on-the-job training
51-8092	Gas Plant Operators	30	30	0	0%	10	10	NA	Long-term on-the-job training
51-9000	Other Production Occupations	3,020	3,290	270	9%	730	1,030	NA NA	
51-9011	Chemical Equipment Operators and Tenders	30	30	0	0%	10	10	NA	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	40	50	10	25%	10	20	\$26,907	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	410	470	60	15%	110	170	\$35,216	Moderate-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	90	20	29%	20	30	NA	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operator	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	490	560	70	14%	110	170	\$32,589	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	210	210	0	0%	50	50	\$24,927	Long-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	490	570	80	16%	100	180	\$34,234	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	80	10	14%	20	30	\$26,799	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	50	50	0	0%	10	20	\$30,808	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	30	30	0	0%	10	10	\$26,509	Short-term on-the-job training
51-9132	Photographic Processing Machine Operators	20	20	0	0%	10	10	NA	Short-term on-the-job training
51-9141	Semiconductor Processors	20	20	0	0%	0	0	NA NA	
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	\$35,543	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	20	20	0	0%	10	10	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	210	200	-10	-5%	40	40	\$33,062	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	720	760	40	6%	200	240	\$23,144	Short-term on-the-job training
51-9199	Production Workers, All Other	40	50	10	25%	10	20	\$21,272	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	8,110	8,350	240	3%	1,860	2,210	\$26,131	NA
53-1000	Supervisors, Transportation and Material Moving Workers	420	460	40	10%	100	130	NA NA	
53-1011	Aircraft Cargo Handling Supervisors	60	70	10	17%	10	20	\$27,164	Work experience in a related occupation
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Move	170	190	20	12%	40	60	\$43,666	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving M	190	190	0	0%	50	50	\$45,584	Work experience in a related occupation
53-2000	Air Transportation Workers	90	90	0	0%	20	30	NA NA	
53-2012	Commercial Pilots	20	20	0	0%	0	10	NA	Postsecondary vocational training
53-2021	Air Traffic Controllers	70	70	0	0%	20	20	NA	Long-term on-the-job training
53-3000	Motor Vehicle Operators	3,470	3,680	210	6%	560	770	NA NA	
53-3021	Bus Drivers, Transit and Intercity	170	180	10	6%	40	40	NA	Moderate-term on-the-job training
53-3022	Bus Drivers, School	500	510	10	2%	110	120	\$22,609	Short-term on-the-job training
53-3031	Driver/Sales Workers	820	820	0	0%	130	130	\$16,506	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,330	1,460	130	10%	220	340	\$34,523	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	570	620	50	9%	50	110	\$22,430	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	30	40	10	33%	0	10	\$14,620	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	40	50	10	25%	10	20	\$20,339	Short-term on-the-job training
53-6000	Other Transportation Workers	40	40	0	0%	20	20	NA NA	
53-6031	Service Station Attendants	30	20	-10	-33%	10	10	NA	Short-term on-the-job training
53-7000	Material Moving Workers	4,090	4,090	0	0%	1,160	1,260	NA NA	
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	10	\$29,382	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	500	550	50	10%	100	140	\$25,186	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	230	220	-10	-4%	80	80	\$17,052	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,150	-80	-4%	730	730	\$23,826	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	330	340	10	3%	90	100	NA	Short-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	
53-7064	Packers and Packagers, Hand	540	560	20	4%	100	120	\$21,169	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	160	190	30	19%	40	70	NA	Short-term on-the-job training
53-7199	Material Moving Workers, All Other	30	30	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.

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 07

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	88,520	93,430	4,910	6%	21,980	28,520	\$30,180
First professional degree								
23-1011	Lawyers	130	150	20	15%	20	40	\$92,127
29-1041	Optometrists	20	20	0	0%	10	10	NA
29-1051	Pharmacists	220	230	10	5%	40	50	\$82,840
29-1062	Family and General Practitioners	60	110	50	83%	10	50	\$162,677
29-1067	Surgeons	50	50	0	0%	10	10	NA
29-1131	Veterinarians	20	20	0	0%	10	10	NA
Doctoral degree								
19-1022	Microbiologists	20	30	10	50%	10	10	\$72,314
19-1042	Medical Scientists, Except Epidemiologists	40	50	10	25%	10	10	NA
25-1011	Business Teachers, Postsecondary	50	60	10	20%	10	30	\$49,899
25-1021	Computer Science Teachers, Postsecondary	30	40	10	33%	10	20	NA
25-1022	Mathematical Science Teachers, Postsecondary	20	30	10	50%	10	10	\$49,821
25-1081	Education Teachers, Postsecondary	30	30	0	0%	10	10	NA
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	NA
25-1121	Art, Drama, and Music Teachers, Postsecondary	290	380	90	31%	70	150	NA
25-1123	English Language and Literature Teachers, Postsecondary	30	40	10	33%	10	20	\$45,123
25-1199	Postsecondary Teachers, All Other	350	450	100	29%	80	170	NA
Master's degree								
15-2041	Statisticians	30	30	0	0%	10	10	NA
19-3031	Clinical, Counseling, and School Psychologists	90	110	20	22%	20	40	\$57,248
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	\$38,613
19-3099	Social Scientists and Related Workers, All Other	30	20	-10	-33%	10	10	NA
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	40	10	33%	10	20	\$31,053
21-1012	Educational, Vocational, and School Counselors	200	220	20	10%	50	70	\$39,522
21-1013	Marriage and Family Therapists	20	90	70	350%	0	70	NA
21-1015	Rehabilitation Counselors	110	120	10	9%	20	40	\$22,804
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	NA
21-1091	Health Educators	20	20	0	0%	0	10	NA
21-2011	Clergy	20	10	-10	-50%	0	0	\$33,313
25-4021	Librarians	70	70	0	0%	20	20	\$49,060
25-9031	Instructional Coordinators	50	50	0	0%	10	20	\$49,203
29-1123	Physical Therapists	80	90	10	13%	10	20	\$65,473
29-1127	Speech-Language Pathologists	70	70	0	0%	20	20	\$41,387
Work experience plus bachelor's or higher degree								
11-1011	Chief Executives	190	190	0	0%	40	40	\$96,717
11-1021	General and Operations Managers	1,020	1,120	100	10%	190	300	\$73,924
11-2011	Advertising and Promotions Managers	20	20	0	0%	0	0	\$48,596
11-2021	Marketing Managers	70	60	-10	-14%	10	10	NA
11-2022	Sales Managers	90	90	0	0%	20	30	\$73,217
11-2031	Public Relations Managers	20	20	0	0%	0	0	\$58,142
11-3011	Administrative Services Managers	110	110	0	0%	20	20	\$50,845
11-3021	Computer and Information Systems Managers	140	150	10	7%	30	40	\$77,488
11-3031	Financial Managers	130	130	0	0%	20	20	\$81,257
11-3061	Purchasing Managers	40	40	0	0%	10	10	\$70,884
11-9011	Farm, Ranch, and Other Agricultural Managers	30	40	10	33%	10	10	NA
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	\$35,271
11-9032	Education Administrators, Elementary and Secondary School	160	170	10	6%	40	60	\$69,187
11-9033	Education Administrators, Postsecondary	40	40	0	0%	10	10	\$88,872
11-9041	Engineering Managers	90	110	20	22%	20	30	\$86,394

11-9111	Medical and Health Services Managers	250	290	40	16%	50	90	\$53,201
11-9121	Natural Sciences Managers	20	20	0	0%	0	10	NA
13-1111	Management Analysts	160	170	10	6%	20	30	\$62,366
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	\$61,246
27-2012	Producers and Directors	50	40	-10	-20%	10	10	\$40,938

Bachelor's degree

11-3051	Industrial Production Managers	150	180	30	20%	30	60	\$87,873
11-9021	Construction Managers	60	60	0	0%	10	20	\$72,480
11-9141	Property, Real Estate, and Community Association Managers	40	40	0	0%	10	10	\$38,256
11-9151	Social and Community Service Managers	40	50	10	25%	10	10	\$40,043
13-1022	Wholesale and Retail Buyers, Except Farm Products	40	40	0	0%	10	10	\$35,964
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	170	180	10	6%	40	50	\$51,667
13-1051	Cost Estimators	80	100	20	25%	20	30	\$38,523
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	\$37,655
13-1072	Compensation, Benefits, and Job Analysis Specialists	50	60	10	20%	10	20	\$44,280
13-1073	Training and Development Specialists	100	120	20	20%	20	30	\$46,303
13-1199	Business Operations Specialists, All Other	1,170	1,390	220	19%	200	420	NA
13-2011	Accountants and Auditors	500	510	10	2%	90	100	\$48,397
13-2031	Budget Analysts	20	20	0	0%	0	0	\$58,665
13-2051	Financial Analysts	60	70	10	17%	10	20	\$45,785
13-2052	Personal Financial Advisors	40	50	10	25%	10	20	NA
13-2072	Loan Officers	130	140	10	8%	20	30	\$49,443
15-1021	Computer Programmers	130	130	0	0%	30	30	\$44,845
15-1031	Computer Software Engineers, Applications	140	150	10	7%	10	20	\$67,839
15-1032	Computer Software Engineers, Systems Software	30	40	10	33%	0	10	NA
15-1051	Computer Systems Analysts	160	180	20	13%	20	50	\$54,668
15-1061	Database Administrators	30	30	0	0%	0	10	\$53,160
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	20	\$50,018
15-1081	Network Systems and Data Communications Analysts	30	40	10	33%	0	10	\$48,938
17-1011	Architects, Except Landscape and Naval	20	20	0	0%	0	10	\$45,115
17-1022	Surveyors	20	20	0	0%	10	10	NA
17-2051	Civil Engineers	50	60	10	20%	10	10	\$58,798
17-2071	Electrical Engineers	60	70	10	17%	10	20	\$58,297
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	\$63,578
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	20	20	0	0%	10	10	\$80,371
17-2112	Industrial Engineers	140	150	10	7%	30	50	\$52,827
17-2131	Materials Engineers	40	40	0	0%	10	20	NA
17-2141	Mechanical Engineers	100	110	10	10%	30	40	\$59,619
17-2199	Engineers, All Other	40	40	0	0%	10	10	NA
19-2031	Chemists	40	50	10	25%	10	30	\$64,117
19-3021	Market Research Analysts	40	40	0	0%	10	10	\$39,874
21-1021	Child, Family, and School Social Workers	250	510	260	104%	40	300	\$29,363
21-1022	Medical and Public Health Social Workers	30	50	20	67%	10	20	\$38,748
21-1092	Probation Officers and Correctional Treatment Specialists	20	30	10	50%	0	10	NA
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	20	NA
25-2012	Kindergarten Teachers, Except Special Education	70	80	10	14%	10	20	\$43,998
25-2021	Elementary School Teachers, Except Special Education	770	810	40	5%	170	210	\$45,384
25-2022	Middle School Teachers, Except Special and Vocational Education	300	300	0	0%	70	70	\$44,356
25-2031	Secondary School Teachers, Except Special and Vocational Education	650	700	50	8%	180	240	\$44,602
25-2032	Vocational Education Teachers, Secondary School	70	70	0	0%	20	20	\$46,404
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	170	210	40	24%	40	80	\$44,125
25-2042	Special Education Teachers, Middle School	70	90	20	29%	20	30	\$40,066
25-2043	Special Education Teachers, Secondary School	120	140	20	17%	30	50	\$43,694
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	0	NA
27-1024	Graphic Designers	80	80	0	0%	10	20	\$33,082
27-1025	Interior Designers	20	20	0	0%	0	10	NA
27-3031	Public Relations Specialists	90	100	10	11%	10	20	\$40,403
27-3041	Editors	40	40	0	0%	10	10	\$36,817
27-3042	Technical Writers	20	20	0	0%	10	10	NA
27-3043	Writers and Authors	60	60	0	0%	10	10	NA
27-4032	Film and Video Editors	20	20	0	0%	0	0	NA
29-1031	Dietitians and Nutritionists	30	50	20	67%	10	30	\$39,661
29-1071	Physician Assistants	20	30	10	50%	0	10	\$38,073
29-1122	Occupational Therapists	60	70	10	17%	10	20	\$47,177
29-2011	Medical and Clinical Laboratory Technologists	50	50	0	0%	10	10	\$39,337
29-9091	Athletic Trainers	20	30	10	50%	10	10	\$28,217
39-9032	Recreation Workers	160	180	20	13%	40	60	\$19,755

41-3021	Insurance Sales Agents	140	130	-10	-7%	30	30	\$42,910
41-3031	Securities, Commodities, and Financial Services Sales Agents	70	60	-10	-14%	10	10	\$92,770
41-9031	Sales Engineers	30	30	0	0%	10	10	\$65,135
Associate degree								
11-9061	Funeral Directors	20	20	0	0%	10	10	\$63,017
15-1041	Computer Support Specialists	200	240	40	20%	30	60	\$33,469
17-3023	Electrical and Electronic Engineering Technicians	80	90	10	13%	20	30	NA
17-3026	Industrial Engineering Technicians	20	20	0	0%	0	10	\$46,562
19-4021	Biological Technicians	50	60	10	20%	10	20	NA
19-4031	Chemical Technicians	80	90	10	13%	20	30	\$41,125
19-4099	Life, Physical, and Social Science Technicians, All Other	110	130	20	18%	30	40	\$29,031
23-2011	Paralegals and Legal Assistants	60	90	30	50%	10	30	\$28,491
29-1111	Registered Nurses	1,410	1,540	130	9%	300	430	\$43,293
29-1126	Respiratory Therapists	80	100	20	25%	30	40	\$42,279
29-2012	Medical and Clinical Laboratory Technicians	120	120	0	0%	30	30	\$30,147
29-2021	Dental Hygienists	30	40	10	33%	0	10	NA
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	NA
29-2034	Radiologic Technologists and Technicians	140	220	80	57%	30	110	\$38,611
29-2071	Medical Records and Health Information Technicians	90	110	20	22%	10	30	\$26,291
31-2021	Physical Therapist Assistants	40	40	0	0%	10	10	\$36,352
Postsecondary vocational training								
13-2021	Appraisers and Assessors of Real Estate	100	110	10	10%	20	40	\$23,019
15-1099	Computer Specialists, All Other	30	30	0	0%	0	10	\$40,758
17-3011	Architectural and Civil Drafters	20	20	0	0%	0	0	\$34,490
17-3013	Mechanical Drafters	30	30	0	0%	10	10	\$35,471
23-2091	Court Reporters	30	30	0	0%	0	10	NA
27-4012	Broadcast Technicians	40	30	-10	-25%	10	10	NA
29-2041	Emergency Medical Technicians and Paramedics	200	250	50	25%	20	80	\$22,316
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	10	\$35,672
29-2055	Surgical Technologists	60	60	0	0%	10	10	\$31,545
29-2061	Licensed Practical and Licensed Vocational Nurses	550	580	30	5%	120	160	\$30,238
31-9094	Medical Transcriptionists	70	70	0	0%	10	10	NA
35-1011	Chefs and Head Cooks	90	90	0	0%	30	30	\$29,833
39-5012	Hairdressers, Hairstylists, and Cosmetologists	470	530	60	13%	90	150	\$18,410
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	10	NA
39-9031	Fitness Trainers and Aerobics Instructors	40	50	10	25%	10	20	NA
41-3041	Travel Agents	40	30	-10	-25%	10	10	NA
41-9022	Real Estate Sales Agents	110	90	-20	-18%	20	20	\$23,447
43-6012	Legal Secretaries	110	140	30	27%	20	50	\$27,363
43-6013	Medical Secretaries	170	190	20	12%	30	50	\$23,761
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	0%	10	10	\$26,073
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	60	60	0	0%	10	10	\$45,536
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	20	30	10	50%	10	10	NA
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	110	130	20	18%	20	40	\$48,438
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	30	30	0	0%	10	10	NA
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	20	20	0	0%	0	10	NA
49-3011	Aircraft Mechanics and Service Technicians	60	60	0	0%	10	10	\$48,249
49-3023	Automotive Service Technicians and Mechanics	470	470	0	0%	120	130	\$27,318
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	210	230	20	10%	60	70	\$29,545
49-3041	Farm Equipment Mechanics	40	40	0	0%	10	10	\$25,848
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	70	80	10	14%	20	20	\$36,760
51-4121	Welders, Cutters, Solderers, and Brazers	250	290	40	16%	70	110	\$33,411
53-2012	Commercial Pilots	20	20	0	0%	0	10	NA
Work experience in a related occupation								
11-3071	Transportation, Storage, and Distribution Managers	40	50	10	25%	10	20	\$62,653
11-9051	Food Service Managers	320	310	-10	-3%	50	50	\$44,413
11-9081	Lodging Managers	30	30	0	0%	0	0	NA
11-9131	Postmasters and Mail Superintendents	60	50	-10	-17%	10	10	\$45,260
11-9199	Managers, All Other	300	280	-20	-7%	60	60	\$58,652
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	\$49,482
25-1194	Vocational Education Teachers, Postsecondary	50	60	10	20%	10	30	\$47,739
25-3021	Self-Enrichment Education Teachers	140	170	30	21%	20	50	\$29,526
33-1011	First-Line Supervisors/Managers of Correctional Officers	250	260	10	4%	70	90	\$34,920
33-1012	First-Line Supervisors/Managers of Police and Detectives	50	60	10	20%	20	20	\$49,102
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	50	10	25%	20	20	NA

33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	40	40	0	0%	10	10	\$31,420
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	\$38,974
33-9021	Private Detectives and Investigators	20	20	0	0%	0	10	NA
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	580	610	30	5%	140	170	\$24,240
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	160	160	0	0%	40	40	\$26,315
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	\$33,270
39-1021	First-Line Supervisors/Managers of Personal Service Workers	190	190	0	0%	50	50	\$26,878
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,210	1,170	-40	-3%	220	220	\$34,575
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	\$58,375
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	720	700	-20	-3%	160	160	\$33,657
43-4141	New Accounts Clerks	60	60	0	0%	20	20	\$18,540
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	30	10	50%	10	10	\$38,365
45-2041	Graders and Sorters, Agricultural Products	50	40	-10	-20%	10	10	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	400	430	30	8%	70	100	\$49,468
47-4011	Construction and Building Inspectors	30	30	0	0%	10	10	\$31,945
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	500	530	30	6%	130	160	\$45,352
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	980	1,150	170	17%	210	370	\$47,898
51-6052	Tailors, Dressmakers, and Custom Sewers	40	40	0	0%	10	10	NA
53-1011	Aircraft Cargo Handling Supervisors	60	70	10	17%	10	20	\$27,164
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	190	20	12%	40	60	\$43,666
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Op	190	190	0	0%	50	50	\$45,584
Long-term on-the-job training								
13-1031	Claims Adjusters, Examiners, and Investigators	110	110	0	0%	10	10	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	20	20	0	0%	10	10	\$50,419
27-2022	Coaches and Scouts	40	50	10	25%	10	10	\$32,464
27-2042	Musicians and Singers	20	20	0	0%	0	0	NA
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	30	30	0	0%	0	0	NA
27-4021	Photographers	50	50	0	0%	10	10	\$22,941
29-2081	Opticians, Dispensing	60	50	-10	-17%	10	10	NA
33-2011	Fire Fighters	190	210	20	11%	50	80	\$34,270
33-3031	Fish and Game Wardens	20	20	0	0%	0	0	NA
33-3051	Police and Sheriff's Patrol Officers	340	400	60	18%	90	150	\$36,463
35-2012	Cooks, Institution and Cafeteria	390	340	-50	-13%	120	120	\$19,963
35-2014	Cooks, Restaurant	480	490	10	2%	150	150	\$17,587
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	130	130	0	0%	40	40	\$18,378
47-2011	Boilermakers	30	30	0	0%	10	10	\$37,738
47-2021	Brickmasons and Blockmasons	30	30	0	0%	0	10	\$59,775
47-2031	Carpenters	360	380	20	6%	60	80	\$34,550
47-2051	Cement Masons and Concrete Finishers	80	90	10	13%	20	30	\$29,671
47-2111	Electricians	300	310	10	3%	60	70	\$47,116
47-2152	Plumbers, Pipefitters, and Steamfitters	410	390	-20	-5%	90	90	NA
47-2161	Plasterers and Stucco Masons	60	60	0	0%	10	10	NA
47-2221	Structural Iron and Steel Workers	50	50	0	0%	10	10	NA
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	\$33,710
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	NA
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	180	10	6%	20	40	\$28,266
49-9041	Industrial Machinery Mechanics	260	300	40	15%	50	100	\$36,553
49-9042	Maintenance and Repair Workers, General	1,180	1,340	160	14%	230	380	\$31,628
49-9043	Maintenance Workers, Machinery	80	90	10	13%	20	30	\$34,012
49-9044	Millwrights	70	70	0	0%	20	20	\$45,353
49-9051	Electrical Power-Line Installers and Repairers	80	70	-10	-13%	20	20	NA
49-9052	Telecommunications Line Installers and Repairers	190	180	-10	-5%	50	50	\$36,250
49-9069	Precision Instrument and Equipment Repairers, All Other	30	30	0	0%	10	10	\$31,059
49-9099	Installation, Maintenance, and Repair Workers, All Other	100	100	0	0%	20	20	\$30,792
51-3011	Bakers	70	70	0	0%	20	20	\$17,614
51-3021	Butchers and Meat Cutters	70	60	-10	-14%	20	20	\$21,987
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	110	120	10	9%	20	40	\$26,830
51-4041	Machinists	250	290	40	16%	60	100	\$32,299
51-4111	Tool and Die Makers	110	140	30	27%	30	50	\$47,813
51-5021	Job Printers	130	130	0	0%	30	30	\$31,625
51-5022	Prepress Technicians and Workers	100	90	-10	-10%	20	20	NA
51-8013	Power Plant Operators	210	190	-20	-10%	60	60	\$57,082
51-8021	Stationary Engineers and Boiler Operators	70	60	-10	-14%	10	10	\$46,346
51-8031	Water and Liquid Waste Treatment Plant and System Operators	270	300	30	11%	90	120	\$30,924
51-8091	Chemical Plant and System Operators	50	70	20	40%	20	30	NA
51-8092	Gas Plant Operators	30	30	0	0%	10	10	NA

51-9081	Dental Laboratory Technicians	210	210	0	0%	50	50	\$24,927
53-2021	Air Traffic Controllers	70	70	0	0%	20	20	NA
Moderate-term on-the-job training								
17-3031	Surveying and Mapping Technicians	50	50	0	0%	20	20	\$35,586
21-1093	Social and Human Service Assistants	90	140	50	56%	20	70	\$24,062
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	\$23,558
27-1023	Floral Designers	30	30	0	0%	0	0	\$19,256
27-4031	Camera Operators, Television, Video, and Motion Picture	20	10	-10	-50%	0	0	NA
29-2052	Pharmacy Technicians	340	330	-10	-3%	40	40	\$22,607
31-9091	Dental Assistants	110	140	30	27%	30	70	NA
31-9092	Medical Assistants	230	360	130	57%	40	170	\$23,968
33-3012	Correctional Officers and Jailers	1,470	1,670	200	14%	310	500	\$30,481
37-2021	Pest Control Workers	30	30	0	0%	10	10	\$23,755
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	30	30	0	0%	10	10	NA
39-9041	Residential Advisors	30	30	0	0%	10	10	\$21,050
39-9099	Personal Care and Service Workers, All Other	100	130	30	30%	20	50	\$20,784
41-2022	Parts Salespersons	210	200	-10	-5%	60	60	\$21,192
41-3011	Advertising Sales Agents	80	80	0	0%	20	20	\$35,179
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	160	160	0	0%	40	40	\$56,111
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	520	540	20	4%	140	160	\$39,399
41-9011	Demonstrators and Product Promoters	30	30	0	0%	10	10	NA
41-9099	Sales and Related Workers, All Other	140	150	10	7%	30	40	\$31,329
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,100	1,020	-80	-7%	210	210	\$25,037
43-4011	Brokerage Clerks	20	20	0	0%	0	0	\$22,132
43-4051	Customer Service Representatives	970	1,020	50	5%	140	190	\$25,220
43-4061	Eligibility Interviewers, Government Programs	20	10	-10	-50%	10	10	\$25,061
43-5031	Police, Fire, and Ambulance Dispatchers	70	70	0	0%	20	20	\$23,977
43-5032	Dispatchers, Except Police, Fire, and Ambulance	90	90	0	0%	20	20	\$31,098
43-6011	Executive Secretaries and Administrative Assistants	1,050	1,010	-40	-4%	200	200	\$31,882
43-6014	Secretaries, Except Legal, Medical, and Executive	1,520	1,330	-190	-13%	290	290	\$23,576
43-9011	Computer Operators	50	40	-10	-20%	10	10	\$27,729
43-9021	Data Entry Keyers	190	140	-50	-26%	50	50	\$19,808
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	\$23,909
43-9041	Insurance Claims and Policy Processing Clerks	50	50	0	0%	10	10	\$24,412
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	NA
45-2093	Farmworkers, Farm and Ranch Animals	50	40	-10	-20%	10	10	NA
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	NA
47-2061	Construction Laborers	500	570	70	14%	70	130	\$35,646
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	50	0	0%	10	20	NA
47-2073	Operating Engineers and Other Construction Equipment Operators	250	280	30	12%	60	90	\$36,215
47-2081	Drywall and Ceiling Tile Installers	80	80	0	0%	20	20	NA
47-2082	Tapers	20	20	0	0%	0	10	NA
47-2141	Painters, Construction and Maintenance	230	210	-20	-9%	40	40	\$36,260
47-2151	Pipelayers	50	50	0	0%	10	20	\$30,142
47-2181	Roofers	220	230	10	5%	50	60	\$32,813
47-2211	Sheet Metal Workers	160	150	-10	-6%	40	40	\$39,779
47-4031	Fence Erectors	60	70	10	17%	10	20	NA
47-4051	Highway Maintenance Workers	210	220	10	5%	30	40	\$23,394
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	\$25,399
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	20	20	0	0%	10	10	\$28,380
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	0%	10	10	NA
51-2041	Structural Metal Fabricators and Fitters	140	140	0	0%	30	30	\$27,008
51-2092	Team Assemblers	930	1,000	70	8%	240	310	\$28,112
51-2099	Assemblers and Fabricators, All Other	50	50	0	0%	10	10	\$19,224
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	290	340	50	17%	100	150	\$27,638
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	170	170	0	0%	40	40	\$34,938
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	530	630	100	19%	120	230	\$26,926
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	70	60	-10	-14%	10	10	\$28,295
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	0%	10	10	\$33,986
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	\$35,959
51-4071	Foundry Mold and Coremakers	20	10	-10	-50%	10	10	NA
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	710	740	30	4%	180	210	NA
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	310	40	15%	80	120	NA
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	20	20	0	0%	10	10	NA
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	\$30,819
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	70	10	17%	10	30	NA
51-4194	Tool Grinders, Filers, and Sharpeners	20	20	0	0%	10	10	NA

51-5011	Bindery Workers	90	70	-20	-22%	20	20	\$29,471
51-5023	Printing Machine Operators	210	220	10	5%	50	60	\$23,307
51-6011	Laundry and Dry-Cleaning Workers	280	260	-20	-7%	80	80	\$16,741
51-6031	Sewing Machine Operators	50	50	0	0%	10	10	NA
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	NA
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	190	240	50	26%	40	90	NA
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	\$32,694
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	40	30	-10	-25%	10	10	\$20,610
51-9011	Chemical Equipment Operators and Tenders	30	30	0	0%	10	10	NA
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	NA
51-9022	Grinding and Polishing Workers, Hand	40	50	10	25%	10	20	\$26,907
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	410	470	60	15%	110	170	\$35,216
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	90	20	29%	20	30	NA
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	NA
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	490	560	70	14%	110	170	\$32,589
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	80	10	14%	20	30	\$26,799
51-9122	Painters, Transportation Equipment	50	50	0	0%	10	20	\$30,808
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	\$35,543
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	20	20	0	0%	10	10	NA
51-9196	Paper Goods Machine Setters, Operators, and Tenders	210	200	-10	-5%	40	40	\$33,062
51-9199	Production Workers, All Other	40	50	10	25%	10	20	\$21,272
53-3021	Bus Drivers, Transit and Intercity	170	180	10	6%	40	40	NA
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,330	1,460	130	10%	220	340	\$34,523
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	10	\$29,382
Short-term on-the-job training								
25-4031	Library Technicians	120	140	20	17%	50	60	NA
25-9041	Teacher Assistants	730	820	90	12%	140	230	\$16,608
31-1011	Home Health Aides	190	190	0	0%	30	30	\$19,106
31-1012	Nursing Aides, Orderlies, and Attendants	1,120	1,220	100	9%	150	250	\$17,888
31-1013	Psychiatric Aides	20	20	0	0%	0	0	NA
31-2022	Physical Therapist Aides	30	30	0	0%	0	10	NA
31-9093	Medical Equipment Preparers	30	20	-10	-33%	10	10	\$20,057
31-9095	Pharmacy Aides	50	40	-10	-20%	10	10	\$16,578
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	20	20	0	0%	0	0	\$16,157
31-9099	Healthcare Support Workers, All Other	50	50	0	0%	10	20	\$22,355
33-9032	Security Guards	610	660	50	8%	130	180	\$23,238
33-9099	Protective Service Workers, All Other	90	90	0	0%	60	70	\$24,907
35-2011	Cooks, Fast Food	620	620	0	0%	190	190	\$13,854
35-2015	Cooks, Short Order	460	450	-10	-2%	140	140	NA
35-2021	Food Preparation Workers	640	670	30	5%	230	260	\$16,046
35-3011	Bartenders	370	350	-20	-5%	150	150	\$16,167
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,900	2,170	270	14%	830	1,090	\$13,460
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	290	320	30	10%	190	220	\$14,292
35-3031	Waiters and Waitresses	1,470	1,480	10	1%	760	770	\$14,232
35-3041	Food Servers, Nonrestaurant	120	110	-10	-8%	40	40	\$16,517
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	170	170	0	0%	60	60	\$13,616
35-9021	Dishwashers	310	300	-10	-3%	110	110	\$13,759
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	210	210	0	0%	70	70	\$14,389
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,200	1,280	80	7%	230	300	\$19,978
37-2012	Maids and Housekeeping Cleaners	710	720	10	1%	150	160	\$15,718
37-3011	Landscaping and Groundskeeping Workers	710	760	50	7%	150	210	\$17,600
39-2021	Nonfarm Animal Caretakers	100	110	10	10%	30	40	\$16,179
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	60	0	0%	40	40	NA
39-3091	Amusement and Recreation Attendants	50	60	10	20%	10	20	\$14,821
39-4021	Funeral Attendants	20	30	10	50%	10	10	\$18,772
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	\$18,606
39-9021	Personal and Home Care Aides	340	480	140	41%	50	190	\$16,739
41-2011	Cashiers	3,040	3,050	10	0%	1,480	1,490	\$15,061
41-2021	Counter and Rental Clerks	290	310	20	7%	110	140	\$17,432
41-2031	Retail Salespersons	2,670	2,690	20	1%	970	990	\$21,154
41-9041	Telemarketers	320	290	-30	-9%	50	50	NA
43-2011	Switchboard Operators, Including Answering Service	130	110	-20	-15%	30	30	\$19,513
43-3011	Bill and Account Collectors	200	210	10	5%	40	50	\$21,927
43-3021	Billing and Posting Clerks and Machine Operators	360	360	0	0%	60	60	\$23,993
43-3051	Payroll and Timekeeping Clerks	110	100	-10	-9%	30	30	\$26,905
43-3061	Procurement Clerks	50	50	0	0%	10	10	\$29,858
43-3071	Tellers	470	490	20	4%	230	250	\$15,547

43-4021	Correspondence Clerks	20	10	-10	-50%	10	10	NA
43-4031	Court, Municipal, and License Clerks	50	50	0	0%	10	10	\$20,949
43-4041	Credit Authorizers, Checkers, and Clerks	40	40	0	0%	10	10	\$19,221
43-4071	File Clerks	70	70	0	0%	20	20	\$20,412
43-4081	Hotel, Motel, and Resort Desk Clerks	110	120	10	9%	50	60	\$15,437
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	20	\$22,163
43-4121	Library Assistants, Clerical	20	20	0	0%	10	10	\$18,350
43-4131	Loan Interviewers and Clerks	120	100	-20	-17%	20	20	NA
43-4151	Order Clerks	120	100	-20	-17%	30	30	NA
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	80	80	0	0%	20	20	\$28,492
43-4171	Receptionists and Information Clerks	510	630	120	24%	130	240	\$19,337
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	\$18,497
43-5051	Postal Service Clerks	70	60	-10	-14%	20	20	\$42,120
43-5052	Postal Service Mail Carriers	280	260	-20	-7%	90	90	\$40,309
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	170	140	-30	-18%	40	40	\$34,694
43-5061	Production, Planning, and Expediting Clerks	180	210	30	17%	50	70	\$37,703
43-5071	Shipping, Receiving, and Traffic Clerks	520	500	-20	-4%	110	110	\$28,285
43-5081	Stock Clerks and Order Fillers	810	670	-140	-17%	300	300	\$19,066
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	20	30	10	50%	10	10	\$21,026
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	40	30	-10	-25%	10	10	NA
43-9061	Office Clerks, General	1,930	1,920	-10	-1%	430	430	\$20,612
43-9071	Office Machine Operators, Except Computer	70	60	-10	-14%	20	20	\$24,018
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	\$21,523
47-3012	Helpers--Carpenters	40	40	0	0%	20	20	\$19,554
47-3013	Helpers--Electricians	30	30	0	0%	10	10	\$21,216
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	20	20	0	0%	10	10	NA
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	20	10	-10	-50%	10	10	NA
49-3093	Tire Repairers and Changers	50	40	-10	-20%	20	20	\$23,375
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	180	10	6%	60	70	\$19,922
51-2022	Electrical and Electronic Equipment Assemblers	220	220	0	0%	50	50	NA
51-2023	Electromechanical Equipment Assemblers	100	80	-20	-20%	20	20	NA
51-3092	Food Batchmakers	20	20	0	0%	10	10	\$18,540
51-6021	Pressers, Textile, Garment, and Related Materials	40	40	0	0%	10	10	\$19,469
51-9111	Packaging and Filling Machine Operators and Tenders	490	570	80	16%	100	180	\$34,234
51-9123	Painting, Coating, and Decorating Workers	30	30	0	0%	10	10	\$26,509
51-9132	Photographic Processing Machine Operators	20	20	0	0%	10	10	NA
51-9198	Helpers--Production Workers	720	760	40	6%	200	240	\$23,144
53-3022	Bus Drivers, School	500	510	10	2%	110	120	\$22,609
53-3031	Driver/Sales Workers	820	820	0	0%	130	130	\$16,506
53-3033	Truck Drivers, Light or Delivery Services	570	620	50	9%	50	110	\$22,430
53-3041	Taxi Drivers and Chauffeurs	30	40	10	33%	0	10	\$14,620
53-3099	Motor Vehicle Operators, All Other	40	50	10	25%	10	20	\$20,339
53-6031	Service Station Attendants	30	20	-10	-33%	10	10	NA
53-7051	Industrial Truck and Tractor Operators	500	550	50	10%	100	140	\$25,186
53-7061	Cleaners of Vehicles and Equipment	230	220	-10	-4%	80	80	\$17,052
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,150	-80	-4%	730	730	\$23,826
53-7063	Machine Feeders and Offbearers	330	340	10	3%	90	100	NA
53-7064	Packers and Packagers, Hand	540	560	20	4%	100	120	\$21,169
53-7081	Refuse and Recyclable Material Collectors	160	190	30	19%	40	70	NA
53-7199	Material Moving Workers, All Other	30	30	0	0%	10	10	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.

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 07

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

Code	Occupational Title	Average Hourly Wage	Average Annual Wage	Entry Hourly Wage	Entry Annual Wage	Experienced Hourly Wage	Experienced Annual Wage	PERCENTILE									
								10th Hourly	10th Annual	25th Hourly	25th Annual	Median (50th) Hourly	Median (50th) Annual	75th Hourly	75th Annual	90th Hourly	90th Annual
00-0000	Total, All Occupations	\$14.51	\$30,180	\$7.21	\$14,986	\$18.16	\$37,777	\$6.40	\$13,313	\$8.23	\$17,121	\$12.09	\$25,141	\$17.82	\$37,061	\$25.77	\$53,597
11-0000	Management Occupations	\$32.43	\$67,457	\$16.12	\$33,539	\$40.58	\$84,416	\$13.80	\$28,697	\$19.99	\$41,584	\$29.28	\$60,898	\$40.81	\$84,891	\$54.23	\$112,789
11-1000	Top Executives	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-1011	Chief Executives	\$46.50	\$96,717	\$7.52	\$15,632	\$65.99	\$137,260	\$5.80	\$12,072	\$6.72	\$13,977	\$43.95	\$91,414	\$0.00	\$0	\$0.00	\$0
11-1021	General and Operations Managers	\$35.54	\$73,924	\$19.22	\$39,974	\$43.70	\$90,898	\$15.98	\$33,235	\$23.43	\$48,731	\$32.47	\$67,544	\$44.11	\$91,744	\$57.18	\$118,937
11-1031	Legislators	\$12.04	\$25,050	\$6.73	\$13,997	\$14.70	\$30,577	\$6.96	\$12,396	\$6.81	\$14,167	\$12.90	\$26,835	\$14.38	\$29,914	\$16.58	\$34,492
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-2011	Advertising and Promotions Managers	\$23.36	\$48,596	\$14.21	\$29,551	\$27.94	\$58,119	\$13.37	\$27,805	\$15.40	\$32,031	\$21.73	\$45,189	\$26.45	\$55,011	\$39.95	\$83,093
11-2021	Marketing Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-2022	Sales Managers	\$35.20	\$73,217	\$20.71	\$43,087	\$42.44	\$88,282	\$16.65	\$34,638	\$23.72	\$49,329	\$30.02	\$62,435	\$45.68	\$95,024	\$59.76	\$124,298
11-2031	Public Relations Managers	\$27.95	\$58,142	\$18.76	\$39,018	\$32.55	\$67,704	\$17.80	\$37,026	\$19.68	\$40,926	\$24.21	\$50,351	\$37.05	\$77,069	\$44.85	\$93,291
11-3000	Operations Specialties Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3011	Administrative Services Managers	\$24.44	\$50,845	\$16.70	\$34,746	\$28.31	\$58,895	\$15.00	\$31,193	\$19.71	\$40,987	\$24.31	\$50,574	\$29.12	\$60,560	\$34.45	\$71,661
11-3021	Computer and Information Systems Managers	\$37.25	\$77,488	\$24.79	\$51,560	\$43.49	\$90,452	\$23.50	\$48,887	\$27.67	\$57,544	\$38.75	\$80,592	\$44.71	\$93,005	\$50.36	\$104,751
11-3031	Financial Managers	\$39.07	\$81,257	\$22.96	\$47,757	\$47.12	\$98,007	\$18.67	\$38,841	\$27.91	\$58,043	\$36.01	\$74,902	\$46.41	\$96,527	\$63.40	\$131,872
11-3040	Human Resources Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-3051	Industrial Production Managers	\$42.25	\$87,873	\$23.69	\$49,267	\$51.53	\$107,176	\$21.39	\$44,483	\$26.51	\$55,151	\$35.52	\$73,889	\$50.85	\$105,764	\$0.00	\$0
11-3061	Purchasing Managers	\$34.08	\$70,884	\$25.45	\$52,932	\$38.39	\$79,860	\$23.02	\$47,872	\$28.76	\$59,828	\$32.75	\$68,125	\$37.82	\$78,661	\$45.60	\$94,853
11-3071	Transportation, Storage, and Distribution Managers	\$30.12	\$62,653	\$21.33	\$44,369	\$34.52	\$71,796	\$19.91	\$41,409	\$23.50	\$48,885	\$29.77	\$61,920	\$35.51	\$73,863	\$43.75	\$91,002
11-9000	Other Management Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9011	Farm, Ranch, and Other Agricultural Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9021	Construction Managers	\$34.85	\$72,480	\$22.45	\$46,701	\$41.04	\$85,369	\$20.80	\$43,268	\$23.85	\$49,605	\$28.65	\$59,582	\$37.96	\$78,955	\$61.27	\$127,435
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$16.96	\$35,271	\$12.17	\$25,311	\$19.35	\$40,252	\$12.05	\$25,072	\$13.11	\$27,267	\$14.62	\$30,415	\$19.02	\$39,558	\$29.23	\$60,789
11-9032	Education Administrators, Elementary and Secondary School	\$0.00	\$69,187	NA	\$58,382	NA	\$74,589	NA	\$53,793	NA	\$62,422	NA	\$69,907	NA	\$78,762	NA	\$87,745
11-9033	Education Administrators, Postsecondary	\$42.73	\$88,872	\$21.39	\$44,484	\$53.40	\$111,066	\$19.15	\$39,823	\$24.54	\$51,035	\$32.97	\$68,580	\$52.13	\$108,430	\$0.00	\$0
11-9041	Engineering Managers	\$41.54	\$86,394	\$31.51	\$65,542	\$46.55	\$96,819	\$29.34	\$61,036	\$35.50	\$73,848	\$42.17	\$87,717	\$49.46	\$102,872	\$54.66	\$113,684
11-9051	Food Service Managers	\$21.35	\$44,413	\$11.89	\$24,729	\$26.08	\$54,254	\$10.24	\$21,306	\$13.97	\$29,065	\$19.14	\$39,816	\$27.99	\$58,219	\$38.61	\$80,306
11-9061	Funeral Directors	\$30.30	\$63,017	\$17.31	\$35,995	\$36.79	\$76,528	\$15.28	\$31,787	\$20.10	\$41,808	\$33.19	\$69,037	\$38.46	\$80,001	\$44.17	\$91,868
11-9081	Lodging Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9111	Medical and Health Services Managers	\$25.58	\$53,201	\$15.97	\$33,212	\$30.38	\$63,196	\$13.29	\$27,653	\$18.98	\$39,472	\$24.45	\$50,866	\$28.75	\$59,801	\$39.52	\$82,194
11-9121	Natural Sciences Managers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
11-9131	Postmasters and Mail Superintendents	\$21.76	\$45,260	\$16.03	\$33,350	\$24.62	\$51,215	\$13.99	\$29,099	\$18.20	\$37,846	\$22.10	\$45,966	\$25.51	\$53,067	\$28.82	\$59,947
11-9141	Property, Real Estate, and Community Association Managers	\$18.39	\$38,256	\$12.21	\$25,392	\$21.48	\$44,688	\$11.13	\$23,143	\$13.66	\$28,405	\$18.08	\$37,611	\$22.31	\$46,405	\$27.11	\$56,380
11-9151	Social and Community Service Managers	\$19.25	\$40,043	\$14.45	\$30,056	\$21.65	\$45,037	\$14.25	\$29,639	\$15.93	\$33,135	\$18.54	\$38,554	\$22.51	\$46,812	\$27.21	\$56,602
11-9199	Managers, All Other	\$28.20	\$58,652	\$15.82	\$32,913	\$34.39	\$71,522	\$14.92	\$31,033	\$17.84	\$37,114	\$24.44	\$50,842	\$37.36	\$77,708	\$47.58	\$98,973
13-0000	Business and Financial Operations Occupations	\$23.69	\$49,272	\$13.12	\$27,285	\$28.97	\$60,265	\$11.48	\$23,870	\$16.02	\$33,318	\$21.86	\$45,460	\$29.54	\$61,443	\$40.17	\$83,564
13-1000	Business Operations Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1021	Purchasing Agents and Buyers, Farm Products	\$23.79	\$49,482	\$14.08	\$29,282	\$28.65	\$59,582	\$8.25	\$17,163	\$19.00	\$39,511	\$22.22	\$46,222	\$28.24	\$58,733	\$42.39	\$88,175
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$17.29	\$35,964	\$9.88	\$20,542	\$21.00	\$43,676	\$9.49	\$19,739	\$10.61	\$22,066	\$15.09	\$31,388	\$20.32	\$42,276	\$29.24	\$60,826
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$24.84	\$51,667	\$15.97	\$33,223	\$29.27	\$60,889	\$14.81	\$30,803	\$18.37	\$38,200	\$24.58	\$51,132	\$30.71	\$63,875	\$36.79	\$76,522
13-1031	Claims Adjusters, Examiners, and Investigators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and	\$24.24	\$50,419	\$16.56	\$34,447	\$28.08	\$58,405	\$15.90	\$33,070	\$18.38	\$38,235	\$23.80	\$49,510	\$29.14	\$60,620	\$37.51	\$78,031
13-1051	Cost Estimators	\$18.52	\$38,523	\$12.37	\$25,730	\$21.60	\$44,919	\$11.77	\$24,484	\$13.35	\$27,768	\$16.45	\$34,221	\$23.70	\$49,288	\$27.55	\$57,314
13-1071	Employment, Recruitment, and Placement Specialists	\$18.10	\$37,655	\$10.62	\$22,099	\$21.84	\$45,432	\$9.97	\$20,744	\$11.41	\$23,724	\$14.20	\$29,537	\$20.28	\$42,181	\$27.39	\$56,977
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$21.29	\$44,280	\$12.25	\$25,486	\$25.81	\$53,677	\$11.01	\$22,908	\$13.78	\$28,655	\$19.51	\$40,582	\$23.24	\$48,343	\$34.58	\$71,935
13-1073	Training and Development Specialists	\$22.26	\$46,303	\$11.77	\$24,486	\$27.51	\$57,212	\$10.45	\$21,727	\$13.09	\$27,221	\$20.61	\$42,864	\$26.21	\$54,508	\$36.62	\$76,176
13-1111	Management Analysts	\$29.98	\$62,366	\$12.96	\$26,962	\$38.49	\$80,068	\$6.48	\$13,470	\$19.10	\$39,720	\$26.59	\$55,313	\$38.82	\$80,754	\$54.48	\$113,317
13-1199	Business Operations Specialists, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2000	Financial Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2011	Accountants and Auditors	\$23.27	\$48,397	\$15.79	\$32,841	\$27.01	\$56,175	\$14.04	\$29,205	\$18.13	\$37,709	\$21.65	\$45,030	\$26.75	\$55,637	\$36.34	\$75,577
13-2021	Appraisers and Assessors of Real Estate	\$11.07	\$23,019	\$7.31	\$15,212	\$12.94	\$26,923	\$6.74	\$14,023	\$7.94	\$16,524	\$9.17	\$19,064	\$11.70	\$24,332	\$17.27	\$35,916
13-2031	Budget Analysts	\$28.20	\$58,665	\$23.15	\$48,156	\$30.73	\$63,919	\$21.75	\$45,245	\$23.77	\$49,437	\$26.45	\$55,011	\$30.14	\$62,685	\$38.79	\$80,682
13-2051	Financial Analysts	\$22.01	\$45,785	\$13.28	\$27,613	\$26.38	\$54,870	\$12.47	\$25,935	\$14.04	\$29,204	\$21.22	\$44,131	\$26.50	\$55,110	\$34.56	\$71,890
13-2052	Personal Financial Advisors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-2072	Loan Officers	\$23.77	\$49,443	\$11.57	\$24,075	\$29.87	\$62,127	\$10.30	\$21,429	\$13.13	\$27,318	\$19.70	\$40,985	\$35.71	\$74,273	\$41.26	\$85,818
15-0000	Computer and Mathematical Occupations	\$23.58	\$49,043	\$13.99	\$29,105	\$28.37	\$59,011	\$12.62	\$26,240	\$16.24	\$33,780	\$22.01	\$45,776	\$29.64	\$61,646	\$37.57	\$78,156
15-1000	Computer Specialists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
15-1021	Computer Programmers	\$21.56	\$44,845	\$14.58	\$30,321	\$25.05	\$52,107	\$13.47	\$28,025	\$16.28	\$33,868	\$19.94	\$41,482	\$24.57	\$51,114	\$32.53	\$67,663
15-1031	Computer Software Engineers, Applications	\$32.61	\$67,839	\$21.74	\$45,210	\$38.05	\$76,153	\$21.33	\$44,369	\$25.15	\$52,312	\$32.36	\$67,312	\$40.18			

25-2032	Vocational Education Teachers, Secondary School	\$0.00	\$46,404	NA	\$37,147	NA	\$51,032	NA	\$34,273	NA	\$39,094	NA	\$45,311	NA	\$53,932	NA	\$60,320
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Schor	\$0.00	\$44,125	NA	\$30,962	NA	\$50,707	NA	\$30,023	NA	\$34,956	NA	\$46,964	NA	\$53,474	NA	\$57,398
25-2042	Special Education Teachers, Middle School	\$0.00	\$40,066	NA	\$30,933	NA	\$44,632	NA	\$29,401	NA	\$32,417	NA	\$38,586	NA	\$48,752	NA	\$54,901
25-2043	Special Education Teachers, Secondary School	\$0.00	\$43,694	NA	\$30,999	NA	\$50,041	NA	\$29,703	NA	\$33,584	NA	\$42,704	NA	\$51,999	NA	\$57,023
25-3000	Other Teachers and Instructors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-3021	Self-Enrichment Education Teachers	\$14.20	\$29,526	\$7.87	\$16,364	\$17.36	\$36,107	\$6.62	\$13,760	\$9.20	\$19,144	\$14.66	\$30,491	\$18.25	\$37,967	\$22.20	\$46,181
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4000	Librarians, Curators, and Archivists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4010	Archivists, Curators, and Museum Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-4021	Librarians	\$23.59	\$49,060	\$16.70	\$34,732	\$27.03	\$56,224	\$15.32	\$31,869	\$20.59	\$42,832	\$24.53	\$51,020	\$27.81	\$57,850	\$31.90	\$66,345
25-4031	Library Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-9000	Other Education, Training, and Library Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
25-9031	Instructional Coordinators	\$23.66	\$49,203	\$13.14	\$27,338	\$28.91	\$60,135	\$11.72	\$24,384	\$15.39	\$32,009	\$24.66	\$51,288	\$31.28	\$65,061	\$35.45	\$73,726
25-9041	Teacher Assistants	\$0.00	\$16,608	NA	\$13,526	NA	\$18,149	NA	\$12,599	NA	\$14,502	NA	\$16,529	NA	\$18,837	NA	\$21,416
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES On	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$14.99	\$31,170	\$7.75	\$16,112	\$18.61	\$38,699	\$6.54	\$13,604	\$9.16	\$19,050	\$13.27	\$27,592	\$19.24	\$40,010	\$26.54	\$55,197
27-1000	Art and Design Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1023	Floral Designers	\$9.26	\$19,256	\$7.64	\$15,897	\$10.06	\$20,935	\$7.36	\$15,304	\$8.11	\$16,876	\$9.19	\$19,115	\$10.29	\$21,394	\$11.58	\$24,088
27-1024	Graphic Designers	\$15.90	\$35,082	\$12.39	\$25,766	\$17.66	\$36,740	\$10.59	\$22,017	\$14.30	\$29,745	\$16.09	\$33,475	\$18.34	\$38,157	\$20.62	\$42,893
27-1025	Interior Designers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-1099	Art and Design Workers, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2000	Entertainers and Performers, Sports and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2012	Producers and Directors	\$0.00	\$40,938	NA	\$24,964	NA	\$48,925	NA	\$23,708	NA	\$27,810	NA	\$39,178	NA	\$47,179	NA	\$70,298
27-2022	Coaches and Scouts	\$0.00	\$32,464	NA	\$16,101	NA	\$40,645	NA	\$14,430	NA	\$18,219	NA	\$23,502	NA	\$45,509	NA	\$56,371
27-2042	Musicians and Singers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3000	Media and Communication Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3010	Announcers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3020	News Analysts, Reporters and Correspondents	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3031	Public Relations Specialists	\$19.42	\$40,403	\$12.13	\$25,225	\$23.07	\$47,992	\$10.69	\$22,226	\$14.40	\$29,942	\$18.08	\$37,605	\$24.21	\$50,353	\$31.45	\$65,421
27-3041	Editors	\$17.70	\$36,817	\$10.01	\$20,811	\$21.55	\$44,820	\$9.45	\$19,663	\$10.96	\$22,800	\$15.74	\$32,737	\$21.97	\$45,701	\$31.00	\$64,476
27-3042	Technical Writers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-3043	Writers and Authors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4000	Media and Communication Equipment Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4012	Broadcast Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4021	Photographers	\$11.03	\$22,941	\$8.44	\$17,561	\$12.32	\$25,631	\$7.58	\$15,776	\$9.19	\$19,119	\$10.53	\$21,911	\$13.40	\$27,863	\$15.64	\$32,525
27-4031	Camera Operators, Television, Video, and Motion Picture	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
27-4032	Film and Video Editors	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-0000	Healthcare Practitioners and Technical Occupations	\$20.96	\$43,593	\$11.17	\$23,229	\$25.85	\$53,775	\$9.89	\$20,578	\$13.01	\$27,058	\$17.56	\$36,528	\$22.60	\$47,016	\$33.58	\$69,849
29-1000	Health Diagnosing and Treating Practitioners	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1020	Dentists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1031	Dietitians and Nutritionists	\$19.07	\$39,661	\$15.42	\$32,075	\$20.89	\$43,454	\$14.94	\$31,073	\$17.22	\$35,820	\$19.20	\$39,931	\$21.11	\$43,901	\$22.49	\$46,774
29-1041	Optometrists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1051	Pharmacists	\$39.83	\$82,840	\$34.82	\$72,431	\$42.33	\$88,045	\$32.04	\$66,650	\$37.13	\$77,223	\$40.60	\$84,454	\$44.08	\$91,689	\$49.13	\$102,194
29-1062	Family and General Practitioners	\$78.21	\$162,677	\$53.34	\$110,953	\$90.64	\$188,539	\$51.32	\$106,737	\$63.65	\$132,402	\$0.00	\$0	\$0.00	\$0	\$0.00	\$0
29-1067	Surgeons	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-1071	Physician Assistants	\$18.30	\$38,073	\$8.67	\$18,032	\$23.12	\$48,094	\$7.93	\$16,484	\$9.29	\$19,314	\$19.42	\$40,388	\$27.33	\$56,836	\$30.82	\$64,103
29-1111	Registered Nurses	\$20.81	\$43,293	\$16.73	\$34,803	\$22.85	\$47,538	\$15.54	\$32,330	\$17.88	\$37,182	\$20.36	\$42,350	\$23.50	\$48,887	\$26.71	\$55,557
29-1122	Occupational Therapists	\$22.68	\$47,177	\$17.58	\$36,574	\$25.23	\$52,479	\$16.62	\$34,579	\$19.64	\$40,844	\$22.87	\$47,578	\$26.36	\$54,820	\$29.20	\$60,743
29-1123	Physical Therapists	\$31.48	\$65,473	\$19.65	\$40,870	\$37.39	\$77,775	\$18.05	\$37,541	\$22.80	\$47,416	\$30.37	\$63,177	\$37.94	\$78,917	\$52.29	\$108,767
29-1126	Respiratory Therapists	\$20.33	\$42,279	\$17.06	\$35,490	\$21.96	\$45,674	\$15.80	\$32,874	\$18.06	\$37,566	\$19.80	\$41,179	\$21.53	\$44,792	\$26.02	\$54,119
29-1127	Speech-Language Pathologists	\$19.90	\$41,387	\$13.89	\$28,890	\$22.90	\$47,636	\$13.41	\$27,901	\$15.69	\$32,644	\$19.21	\$39,963	\$23.98	\$49,877	\$29.85	\$62,084
29-1131	Veterinarians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2000	Health Technologists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	\$18.91	\$39,337	\$13.86	\$28,822	\$21.44	\$44,595	\$13.72	\$28,542	\$16.24	\$33,789	\$19.29	\$40,132	\$22.30	\$46,384	\$25.49	\$53,024
29-2012	Medical and Clinical Laboratory Technicians	\$14.49	\$30,147	\$12.37	\$25,732	\$15.55	\$32,354	\$11.66	\$24,253	\$12.45	\$25,902	\$13.76	\$28,617	\$15.86	\$32,994	\$17.95	\$37,336
29-2021	Dental Hygienists	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2032	Diagnostic Medical Sonographers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-2034	Radiologic Technologists and Technicians	\$18.56	\$38,611	\$15.12	\$31,453	\$20.28	\$42,190	\$14.60	\$30,359	\$15.89	\$33,054	\$17.90	\$37,235	\$21.05	\$43,783	\$25.10	\$52,198
29-2041	Emergency Medical Technicians and Paramedics	\$10.73	\$22,316	\$7.12	\$14,800	\$12.54	\$26,074	\$6.73	\$13,994	\$7.78	\$16,181	\$9.67	\$20,113	\$12.69	\$26,403	\$17.92	\$37,280
29-2052	Pharmacy Technicians	\$10.87	\$22,607	\$9.10	\$18,924	\$11.75	\$24,449	\$8.49	\$17,659	\$9.34	\$19,417	\$10.39	\$21,619	\$11.97	\$24,905	\$13.77	\$28,643
29-2054	Respiratory Therapy Technicians	\$17.15	\$35,672	\$14.40	\$29,961	\$18.52	\$38,527	\$13.50	\$28,084	\$14.99	\$31,189	\$17.26	\$35,908	\$19.75	\$41,085	\$21.27	\$44,239
29-2055	Surgical Technologists	\$15.17	\$31,545	\$12.73	\$26,479	\$16.38	\$34,077	\$11.90	\$24,759	\$13.72	\$28,529	\$15.29	\$31,799	\$16.74	\$34,809	\$17.75	\$36,913
29-2061	Licensed Practical and Licensed Vocational Nurses	\$14.54	\$30,238	\$12.02	\$24,993	\$15.80	\$32,861	\$11.42	\$23,758	\$12.35	\$25,689	\$13.95	\$29,020	\$16.15	\$33,583	\$17.71	\$36,829
29-2071	Medical Records and Health Information Technicians	\$12.64	\$26,291	\$9.30	\$19,350	\$14.31	\$29,761	\$8.99	\$18,698	\$9.88	\$20,556	\$11.90	\$24,750	\$14.70	\$30,577	\$18.50	\$38,471
29-2081	Opticians, Dispensing	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9000	Other Healthcare Practitioners and Technical Occupations	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9091	Athletic Trainers	\$0.00	\$28,217	NA	\$18,192	NA	\$33,229	NA	\$18,167	NA	\$20,351	NA	\$27,286	NA	\$33,035	NA	\$36,850
29-9100	Other Health Practitioners And Technical Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-0000	Healthcare Support Occupations	\$9.53	\$19,830	\$7.23	\$15,039	\$10.69	\$22,226	\$6.93	\$14,416	\$7.62	\$15,856	\$8.99	\$18,696	\$10.87	\$22,605	\$13.21	\$27,484
31-1000	Nursing, Psychiatric, and Home Health Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-1011	Home Health Aides	\$9.19	\$19,106	\$7.36	\$15,308	\$10.10	\$21,005	\$7.11	\$14,789	\$7.88	\$16,385	\$9.21	\$19,165	\$10.42	\$21,668	\$11.68	\$24,292
31-1012	Nursing Aides, Orderlies, and Attendants	\$8.60	\$17,888	\$7.11	\$14,782	\$9.35	\$19,441	\$6.82	\$14,183	\$7.36	\$15,318	\$8.28	\$17,229	\$9.87	\$20,525	\$11.01	\$22,892
31-1013	Psychiatric Aides	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
31-2000	Occupational and Physical Therapist Assistants and Aides	NA	NA	NA													

41-0000	Sales and Related Occupations	\$11.48	\$23,872	\$6.20	\$12,896	\$14.12	\$29,360	\$5.90	\$12,278	\$6.74	\$14,018	\$8.57	\$17,832	\$12.94	\$26,908	\$20.67	\$42,995
41-1000	Supervisors, Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$16.62	\$34,575	\$9.47	\$19,699	\$20.20	\$42,013	\$8.60	\$17,898	\$10.61	\$22,065	\$15.07	\$31,348	\$20.71	\$43,084	\$26.65	\$55,439
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$28.06	\$58,375	\$18.30	\$38,072	\$32.95	\$68,527	\$17.01	\$35,387	\$20.99	\$43,656	\$26.06	\$54,215	\$34.32	\$71,381	\$45.48	\$94,591
41-2000	Retail Sales Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-2011	Cashiers	\$7.24	\$15,061	\$6.01	\$12,505	\$7.86	\$16,339	\$5.66	\$11,782	\$6.13	\$12,744	\$6.90	\$14,362	\$8.13	\$16,916	\$9.36	\$19,475
41-2021	Counter and Rental Clerks	\$8.38	\$17,432	\$6.07	\$12,625	\$9.54	\$19,836	\$5.72	\$11,904	\$6.21	\$12,914	\$7.07	\$14,713	\$8.88	\$18,480	\$14.53	\$30,223
41-2022	Parts Salespersons	\$10.19	\$21,192	\$7.62	\$15,844	\$11.47	\$23,866	\$7.28	\$15,153	\$8.33	\$17,333	\$9.88	\$20,558	\$11.38	\$23,662	\$14.18	\$29,485
41-2031	Retail Salespersons	\$10.17	\$21,154	\$6.18	\$12,851	\$12.17	\$26,305	\$5.87	\$12,207	\$6.71	\$13,962	\$8.33	\$17,332	\$11.38	\$23,680	\$16.39	\$34,098
41-3000	Sales Representatives, Services	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-3011	Advertising Sales Agents	\$16.91	\$35,179	\$10.06	\$20,922	\$20.34	\$42,307	\$8.73	\$18,149	\$11.92	\$24,791	\$15.97	\$33,208	\$21.52	\$44,755	\$27.50	\$57,191
41-3021	Insurance Sales Agents	\$20.63	\$42,910	\$8.14	\$16,922	\$28.88	\$55,903	\$6.09	\$12,668	\$10.79	\$22,449	\$17.22	\$35,821	\$27.20	\$56,584	\$45.26	\$94,133
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$44.60	\$92,770	\$12.56	\$26,122	\$60.62	\$126,095	\$12.04	\$25,050	\$13.20	\$27,454	\$44.36	\$92,267	\$59.23	\$123,193	\$0.00	\$0
41-3041	Travel Agents	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-4000	Sales Representatives, Wholesale and Manufacturing	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	\$26.98	\$56,111	\$16.13	\$33,551	\$32.40	\$67,390	\$15.19	\$31,597	\$18.83	\$39,167	\$25.22	\$52,460	\$32.65	\$67,906	\$42.07	\$87,497
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and	\$18.94	\$39,399	\$9.61	\$19,995	\$23.61	\$49,102	\$8.74	\$18,175	\$11.16	\$23,216	\$16.18	\$33,664	\$21.33	\$44,361	\$32.41	\$67,412
41-9000	Other Sales and Related Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9011	Demonstrators and Product Promoters	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9022	Real Estate Sales Agents	\$11.27	\$23,447	\$7.68	\$15,981	\$13.07	\$27,180	\$6.36	\$13,219	\$9.22	\$19,175	\$10.43	\$21,689	\$13.05	\$27,137	\$18.62	\$38,737
41-9031	Sales Engineers	\$31.31	\$65,135	\$19.27	\$40,074	\$37.34	\$77,665	\$18.29	\$38,053	\$20.95	\$43,572	\$26.28	\$54,669	\$39.00	\$81,122	\$45.52	\$94,691
41-9041	Telemarketers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
41-9099	Sales and Related Workers, All Other	\$15.06	\$31,329	\$9.91	\$20,611	\$17.64	\$36,688	\$7.42	\$15,440	\$12.73	\$26,482	\$15.11	\$31,427	\$16.97	\$35,292	\$21.98	\$45,712
43-0000	Office and Administrative Support Occupations	\$11.94	\$24,842	\$7.47	\$15,531	\$14.18	\$29,497	\$6.71	\$13,951	\$8.47	\$17,610	\$11.02	\$22,911	\$14.19	\$29,525	\$18.78	\$39,069
43-1000	Supervisors, Office and Administrative Support Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Worker	\$16.18	\$33,657	\$8.89	\$18,491	\$19.83	\$41,240	\$8.04	\$16,719	\$9.39	\$19,538	\$15.08	\$31,359	\$20.66	\$42,981	\$27.44	\$57,070
43-2000	Communications Equipment Operators	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-2011	Switchboard Operators, Including Answering Service	\$9.38	\$19,513	\$7.06	\$14,676	\$10.54	\$21,931	\$6.39	\$13,296	\$7.94	\$16,505	\$9.46	\$19,685	\$10.79	\$22,441	\$12.51	\$26,026
43-3000	Financial Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-3011	Bill and Account Collectors	\$10.54	\$21,927	\$8.69	\$18,066	\$11.47	\$23,857	\$7.98	\$16,591	\$9.16	\$19,052	\$10.12	\$21,047	\$11.11	\$23,106	\$14.70	\$30,583
43-3021	Billing and Posting Clerks and Machine Operators	\$11.53	\$23,993	\$9.00	\$18,730	\$12.80	\$26,624	\$8.52	\$17,716	\$9.66	\$20,085	\$11.07	\$23,032	\$13.15	\$27,356	\$15.46	\$32,160
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$12.04	\$25,037	\$8.37	\$17,417	\$13.87	\$28,846	\$7.39	\$15,371	\$9.42	\$19,601	\$11.52	\$23,970	\$14.24	\$29,610	\$16.98	\$35,314
43-3051	Payroll and Timekeeping Clerks	\$12.94	\$26,905	\$9.16	\$19,055	\$14.82	\$30,831	\$7.85	\$16,326	\$10.80	\$22,461	\$12.68	\$26,367	\$14.84	\$30,868	\$17.37	\$36,130
43-3061	Procurement Clerks	\$14.35	\$29,858	\$9.49	\$19,748	\$16.79	\$34,913	\$8.19	\$17,041	\$10.99	\$22,854	\$13.92	\$28,950	\$17.12	\$35,608	\$21.47	\$44,652
43-3071	Tellers	\$7.47	\$15,547	\$6.29	\$13,084	\$8.07	\$16,778	\$5.85	\$12,175	\$6.31	\$13,127	\$7.03	\$14,625	\$8.23	\$17,123	\$10.26	\$21,333
43-4000	Information and Record Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4011	Brokerage Clerks	\$10.64	\$22,132	\$8.13	\$16,916	\$11.89	\$24,740	\$7.64	\$15,891	\$8.19	\$17,040	\$9.04	\$18,809	\$12.25	\$25,470	\$16.46	\$34,235
43-4021	Correspondence Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4031	Court, Municipal, and License Clerks	\$10.07	\$20,949	\$7.59	\$15,788	\$11.31	\$23,529	\$6.80	\$14,144	\$8.62	\$17,925	\$10.48	\$21,795	\$11.82	\$24,585	\$13.00	\$27,036
43-4041	Credit Authorizers, Checkers, and Clerks	\$9.24	\$19,221	\$6.44	\$13,391	\$10.64	\$22,136	\$6.04	\$12,559	\$6.95	\$14,459	\$8.98	\$18,678	\$10.56	\$21,967	\$11.49	\$23,890
43-4051	Customer Service Representatives	\$12.13	\$25,220	\$8.15	\$16,957	\$14.11	\$29,352	\$7.58	\$15,775	\$8.85	\$18,412	\$11.53	\$23,972	\$14.47	\$30,088	\$18.23	\$37,922
43-4061	Eligibility Interviewers, Government Programs	\$12.05	\$25,061	\$9.92	\$20,626	\$13.11	\$27,278	\$9.13	\$18,992	\$10.78	\$22,415	\$12.05	\$25,069	\$13.48	\$28,033	\$15.49	\$32,212
43-4071	File Clerks	\$9.81	\$20,412	\$6.75	\$14,042	\$11.34	\$23,597	\$6.22	\$12,943	\$7.32	\$15,230	\$9.03	\$18,792	\$10.58	\$22,001	\$15.59	\$32,345
43-4081	Hotel, Motel, and Resort Desk Clerks	\$7.42	\$15,437	\$6.19	\$12,878	\$8.04	\$16,716	\$5.82	\$12,110	\$6.32	\$13,152	\$7.17	\$14,914	\$8.49	\$17,657	\$9.87	\$20,539
43-4111	Interviewers, Except Eligibility and Loan	\$10.66	\$22,163	\$8.52	\$17,714	\$11.72	\$24,387	\$7.81	\$16,239	\$9.02	\$18,770	\$10.31	\$21,440	\$12.01	\$24,991	\$14.48	\$30,121
43-4121	Library Assistants, Clerical	\$8.82	\$18,350	\$7.74	\$16,102	\$9.36	\$19,474	\$7.23	\$15,047	\$7.64	\$15,898	\$8.33	\$17,316	\$9.50	\$19,764	\$10.80	\$22,461
43-4131	Loan Interviewers and Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4141	New Accounts Clerks	\$8.91	\$18,540	\$6.90	\$14,348	\$9.92	\$20,636	\$6.36	\$13,224	\$7.35	\$15,279	\$8.52	\$17,732	\$9.98	\$20,751	\$11.18	\$23,255
43-4151	Order Clerks	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$13.70	\$28,492	\$9.52	\$19,808	\$15.79	\$32,834	\$8.99	\$18,694	\$10.36	\$21,544	\$13.10	\$27,248	\$16.52	\$34,367	\$20.20	\$42,016
43-4171	Receptionists and Information Clerks	\$9.30	\$19,337	\$6.91	\$14,363	\$10.49	\$21,825	\$6.38	\$13,281	\$7.45	\$15,505	\$9.03	\$18,780	\$10.88	\$22,631	\$13.05	\$27,148
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-5021	Couriers and Messengers	\$8.89	\$18,497	\$6.51	\$13,551	\$10.08	\$20,971	\$6.15	\$12,797	\$7.02	\$14,595	\$8.91	\$18,535	\$10.58	\$21,997	\$12.28	\$25,550
43-5031	Police, Fire, and Ambulance Dispatchers	\$11.53	\$23,977	\$9.69	\$20,156	\$12.45	\$25,888	\$9.25	\$19,234	\$9.92	\$20,636	\$11.02	\$22,930	\$13.01	\$27,070	\$15.46	\$32,162
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$14.95	\$31,098	\$9.40	\$19,550	\$17.73	\$36,872	\$9.06	\$18,846	\$10.69	\$22,226	\$14.83	\$30,851	\$18.06	\$37,562	\$22.95	\$47,732
43-5041	Meter Readers, Utilities	\$11.56	\$24,037	\$6.69	\$13,909	\$13.99	\$29,101	\$6.16	\$12,817	\$7.22	\$15,014	\$10.23	\$21,276	\$15.83	\$32,921	\$19.44	\$40,435
43-5051	Postal Service Clerks	\$20.25	\$42,120	\$18.36	\$38,182	\$21.20	\$44,088	\$17.36	\$36,105	\$18.36	\$38,179	\$20.02	\$41,635	\$22.06	\$45,883	\$25.17	\$52,361
43-5052	Postal Service Mail Carriers	\$19.38	\$40,309	\$14.91	\$31,005	\$21.62	\$44,961	\$14.21	\$29,566	\$16.15	\$33,590	\$19.34	\$40,237	\$22.91	\$47,643	\$25.51	\$53,065
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$16.68	\$34,694	\$11.24	\$23,389	\$19.40	\$40,347	\$9.96	\$20,722	\$12.84	\$26,707	\$18.13	\$37,700	\$20.05	\$41,698	\$21.20	\$44,096
43-5061	Production, Planning, and Expediting Clerks	\$18.13	\$37,703	\$11.99	\$24,933	\$21.20	\$44,088	\$11.04	\$22,971	\$13.66	\$28,414	\$16.67	\$34,676	\$22.26	\$46,303	\$26.63	\$55,382
43-5071	Shipping, Receiving, and Traffic Clerks	\$13.60	\$28,285	\$8.83	\$18,361	\$15.98	\$33,247	\$8.12	\$16,880	\$9.86	\$20,500	\$12.57	\$26,155	\$15.96	\$33,187	\$22.34	\$46,474
43-5081	Stock Clerks and Order Fillers	\$9.17	\$19,066	\$6.04	\$12,566	\$10.73	\$22,316	\$5.78	\$12,013	\$6.57	\$13,671	\$8.37	\$17,420	\$11.10	\$23,097	\$13.70	\$28,500
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$10.11	\$21,026	\$6.18	\$12,861	\$12.07	\$25,109	\$5.90	\$12,282	\$6.55	\$13,629	\$9.60	\$19,966	\$11.46	\$23,830	\$18.05	\$37,550
43-6000	Secretaries and Administrative Assistants	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	\$15.33	\$31,882	\$11.43	\$23,765	\$17.28	\$35,940	\$10.79	\$22,451	\$12.38	\$25,740	\$14.70	\$30,579	\$17.31	\$36,007	\$21.37	\$44,459
43-6012	Legal Secretaries	\$13.16	\$27,363	\$10.85	\$22,573	\$14.31	\$29,758	\$9.88	\$20,542	\$11.44	\$23,797	\$12.85	\$26,730	\$14.45	\$30,053	\$17.30	\$35,974
43-6013	Medical Secretaries	\$11.42	\$23,761	\$9.63	\$20,024	\$12.32	\$25,630	\$9.11	\$18,947	\$9.90	\$20,589	\$11.34	\$23,592	\$13.00	\$27,046	\$14.01	\$29,145
43-6014	Secretaries, Except Legal, Medical, and Executive	\$11.33	\$23,576	\$8.67	\$18,025	\$12.67	\$26,352	\$7.84	\$16,305	\$9.60	\$19,970	\$11.33	\$23,558	\$13.14	\$27,332	\$14.51	\$30,183
43-9000	Other Office and Administrative Support Workers																

53-3099	Motor Vehicle Operators, All Other	\$9.78	\$20,339	\$6.50	\$13,516	\$11.42	\$23,750	\$5.97	\$12,423	\$7.10	\$14,773	\$8.83	\$18,362	\$11.45	\$23,822	\$16.03	\$33,342
53-6000	Other Transportation Workers	NA	NA														
53-6031	Service Station Attendants	NA	NA														
53-7000	Material Moving Workers	NA	NA														
53-7032	Excavating and Loading Machine and Dragline Operators	\$14.13	\$29,382	\$11.37	\$23,642	\$15.51	\$32,253	\$10.51	\$21,868	\$12.16	\$25,296	\$13.94	\$28,985	\$16.08	\$33,449	\$17.37	\$36,138
53-7051	Industrial Truck and Tractor Operators	\$12.11	\$25,186	\$9.40	\$19,559	\$13.46	\$27,999	\$8.99	\$18,702	\$10.01	\$20,818	\$11.73	\$24,398	\$13.81	\$28,724	\$16.44	\$34,191
53-7061	Cleaners of Vehicles and Equipment	\$8.20	\$17,052	\$6.10	\$12,683	\$9.25	\$19,237	\$5.76	\$11,985	\$6.29	\$13,092	\$7.34	\$15,262	\$9.61	\$19,979	\$12.51	\$26,028
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$11.45	\$23,826	\$7.53	\$15,666	\$13.42	\$27,906	\$6.99	\$14,546	\$8.45	\$17,582	\$11.10	\$23,087	\$14.48	\$30,110	\$16.41	\$34,123
53-7063	Machine Feeders and Offbearers	NA	NA														
53-7064	Packers and Packagers, Hand	\$10.18	\$21,169	\$7.50	\$15,607	\$11.51	\$23,951	\$6.97	\$14,494	\$8.23	\$17,116	\$9.73	\$20,248	\$12.30	\$25,586	\$13.89	\$28,884
53-7081	Refuse and Recyclable Material Collectors	NA	NA														
53-7199	Material Moving Workers, All Other	NA	NA														

LONG-TERM INDIANA OCCUPATIONAL PROJECTIONS
BASE PERIOD: 2002
PROJECTED PERIOD: 2012
AREA: Economic Growth Region 07

Ranked by Total Growth 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		88,520	93,430	4,910	6%	21,980	28,520	
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,900	2,170	270	14%	830	1,090	1
21-1021	Child, Family, and School Social Workers	250	510	260	104%	40	300	2
33-3012	Correctional Officers and Jailers	1,470	1,670	200	14%	310	500	3
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	980	1,150	170	17%	210	370	4
49-9042	Maintenance and Repair Workers, General	1,180	1,340	160	14%	230	380	5
39-9021	Personal and Home Care Aides	340	480	140	41%	50	190	6
29-1111	Registered Nurses	1,410	1,540	130	9%	300	430	7
31-9092	Medical Assistants	230	360	130	57%	40	170	7
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,330	1,460	130	10%	220	340	7
43-4171	Receptionists and Information Clerks	510	630	120	24%	130	240	10
11-1021	General and Operations Managers	1,020	1,120	100	10%	190	300	11
31-1012	Nursing Aides, Orderlies, and Attendants	1,120	1,220	100	9%	150	250	11
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	530	630	100	19%	120	230	11
25-1121	Art, Drama, and Music Teachers, Postsecondary	290	380	90	31%	70	150	14
25-9041	Teacher Assistants	730	820	90	12%	140	230	14
29-2034	Radiologic Technologists and Technicians	140	220	80	57%	30	110	16
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,200	1,280	80	7%	230	300	16
51-9111	Packaging and Filling Machine Operators and Tenders	490	570	80	16%	100	180	16
21-1013	Marriage and Family Therapists	20	90	70	350%	0	70	19
47-2061	Construction Laborers	500	570	70	14%	70	130	19
51-2092	Team Assemblers	930	1,000	70	8%	240	310	19
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	490	560	70	14%	110	170	19
33-3051	Police and Sheriff's Patrol Officers	340	400	60	18%	90	150	23
39-5012	Hairdressers, Hairstylists, and Cosmetologists	470	530	60	13%	90	150	23
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	410	470	60	15%	110	170	23
21-1093	Social and Human Service Assistants	90	140	50	56%	20	70	26
25-2031	Secondary School Teachers, Except Special and Vocational Education	650	700	50	8%	180	240	26
29-1062	Family and General Practitioners	60	110	50	83%	10	50	26
29-2041	Emergency Medical Technicians and Paramedics	200	250	50	25%	20	80	26
33-9032	Security Guards	610	660	50	8%	130	180	26
37-3011	Landscaping and Groundskeeping Workers	710	760	50	7%	150	210	26
43-4051	Customer Service Representatives	970	1,020	50	5%	140	190	26
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	290	340	50	17%	100	150	26
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	190	240	50	26%	40	90	26
53-3033	Truck Drivers, Light or Delivery Services	570	620	50	9%	50	110	26
53-7051	Industrial Truck and Tractor Operators	500	550	50	10%	100	140	26
11-9111	Medical and Health Services Managers	250	290	40	16%	50	90	37
15-1041	Computer Support Specialists	200	240	40	20%	30	60	37
25-2021	Elementary School Teachers, Except Special Education	770	810	40	5%	170	210	37
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	170	210	40	24%	40	80	37
49-9041	Industrial Machinery Mechanics	260	300	40	15%	50	100	37
51-4041	Machinists	250	290	40	16%	60	100	37

51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	310	40	15%	80	120	37
51-4121	Welders, Cutters, Solderers, and Brazers	250	290	40	16%	70	110	37
51-9198	Helpers--Production Workers	720	760	40	6%	200	240	37
11-3051	Industrial Production Managers	150	180	30	20%	30	60	46
23-2011	Paralegals and Legal Assistants	60	90	30	50%	10	30	46
25-3021	Self-Enrichment Education Teachers	140	170	30	21%	20	50	46
29-2061	Licensed Practical and Licensed Vocational Nurses	550	580	30	5%	120	160	46
31-9091	Dental Assistants	110	140	30	27%	30	70	46
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	580	610	30	5%	140	170	46
35-2021	Food Preparation Workers	640	670	30	5%	230	260	46
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	290	320	30	10%	190	220	46
43-5061	Production, Planning, and Expediting Clerks	180	210	30	17%	50	70	46
43-6012	Legal Secretaries	110	140	30	27%	20	50	46
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	400	430	30	8%	70	100	46
47-2073	Operating Engineers and Other Construction Equipment Operators	250	280	30	12%	60	90	46
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	500	530	30	6%	130	160	46
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	710	740	30	4%	180	210	46
51-4111	Tool and Die Makers	110	140	30	27%	30	50	46
51-8031	Water and Liquid Waste Treatment Plant and System Operators	270	300	30	11%	90	120	46
53-7081	Refuse and Recyclable Material Collectors	160	190	30	19%	40	70	46
11-9041	Engineering Managers	90	110	20	22%	20	30	63
13-1051	Cost Estimators	80	100	20	25%	20	30	63
13-1073	Training and Development Specialists	100	120	20	20%	20	30	63
15-1051	Computer Systems Analysts	160	180	20	13%	20	50	63
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	20	63
19-3031	Clinical, Counseling, and School Psychologists	90	110	20	22%	20	40	63
21-1012	Educational, Vocational, and School Counselors	200	220	20	10%	50	70	63
21-1022	Medical and Public Health Social Workers	30	50	20	67%	10	20	63
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	63
23-1011	Lawyers	130	150	20	15%	20	40	63
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	20	63
25-2042	Special Education Teachers, Middle School	70	90	20	29%	20	30	63
25-2043	Special Education Teachers, Secondary School	120	140	20	17%	30	50	63
25-4031	Library Technicians	120	140	20	17%	50	60	63
29-1031	Dietitians and Nutritionists	30	50	20	67%	10	30	63
29-1126	Respiratory Therapists	80	100	20	25%	30	40	63
29-2071	Medical Records and Health Information Technicians	90	110	20	22%	10	30	63
33-2011	Fire Fighters	190	210	20	11%	50	80	63
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	63
39-9032	Recreation Workers	160	180	20	13%	40	60	63
41-2021	Counter and Rental Clerks	290	310	20	7%	110	140	63
41-2031	Retail Salespersons	2,670	2,690	20	1%	970	990	63
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	520	540	20	4%	140	160	63
43-3071	Tellers	470	490	20	4%	230	250	63
43-6013	Medical Secretaries	170	190	20	12%	30	50	63
47-2031	Carpenters	360	380	20	6%	60	80	63
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	110	130	20	18%	20	40	63
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	210	230	20	10%	60	70	63
51-8091	Chemical Plant and System Operators	50	70	20	40%	20	30	63
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	90	20	29%	20	30	63
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	190	20	12%	40	60	63
53-7064	Packers and Packagers, Hand	540	560	20	4%	100	120	63
11-3021	Computer and Information Systems Managers	140	150	10	7%	30	40	95
11-3040	Human Resources Managers	50	60	10	20%	10	10	95
11-3071	Transportation, Storage, and Distribution Managers	40	50	10	25%	10	20	95

11-9011	Farm, Ranch, and Other Agricultural Managers	30	40	10	33%	10	10	95
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	95
11-9032	Education Administrators, Elementary and Secondary School	160	170	10	6%	40	60	95
11-9151	Social and Community Service Managers	40	50	10	25%	10	10	95
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	170	180	10	6%	40	50	95
13-1072	Compensation, Benefits, and Job Analysis Specialists	50	60	10	20%	10	20	95
13-1111	Management Analysts	160	170	10	6%	20	30	95
13-2011	Accountants and Auditors	500	510	10	2%	90	100	95
13-2021	Appraisers and Assessors of Real Estate	100	110	10	10%	20	40	95
13-2051	Financial Analysts	60	70	10	17%	10	20	95
13-2052	Personal Financial Advisors	40	50	10	25%	10	20	95
13-2072	Loan Officers	130	140	10	8%	20	30	95
15-1031	Computer Software Engineers, Applications	140	150	10	7%	10	20	95
15-1032	Computer Software Engineers, Systems Software	30	40	10	33%	0	10	95
15-1081	Network Systems and Data Communications Analysts	30	40	10	33%	0	10	95
17-2051	Civil Engineers	50	60	10	20%	10	10	95
17-2071	Electrical Engineers	60	70	10	17%	10	20	95
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	95
17-2112	Industrial Engineers	140	150	10	7%	30	50	95
17-2141	Mechanical Engineers	100	110	10	10%	30	40	95
17-3023	Electrical and Electronic Engineering Technicians	80	90	10	13%	20	30	95
19-1022	Microbiologists	20	30	10	50%	10	10	95
19-1042	Medical Scientists, Except Epidemiologists	40	50	10	25%	10	10	95
19-2031	Chemists	40	50	10	25%	10	30	95
19-4021	Biological Technicians	50	60	10	20%	10	20	95
19-4031	Chemical Technicians	80	90	10	13%	20	30	95
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	40	10	33%	10	20	95
21-1015	Rehabilitation Counselors	110	120	10	9%	20	40	95
21-1092	Probation Officers and Correctional Treatment Specialists	20	30	10	50%	0	10	95
25-1011	Business Teachers, Postsecondary	50	60	10	20%	10	30	95
25-1021	Computer Science Teachers, Postsecondary	30	40	10	33%	10	20	95
25-1022	Mathematical Science Teachers, Postsecondary	20	30	10	50%	10	10	95
25-1123	English Language and Literature Teachers, Postsecondary	30	40	10	33%	10	20	95
25-1194	Vocational Education Teachers, Postsecondary	50	60	10	20%	10	30	95
25-2012	Kindergarten Teachers, Except Special Education	70	80	10	14%	10	20	95
25-4010	Archivists, Curators, and Museum Technicians	20	30	10	50%	10	10	95
27-2022	Coaches and Scouts	40	50	10	25%	10	10	95
27-3031	Public Relations Specialists	90	100	10	11%	10	20	95
29-1051	Pharmacists	220	230	10	5%	40	50	95
29-1071	Physician Assistants	20	30	10	50%	0	10	95
29-1122	Occupational Therapists	60	70	10	17%	10	20	95
29-1123	Physical Therapists	80	90	10	13%	10	20	95
29-2021	Dental Hygienists	30	40	10	33%	0	10	95
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	10	95
29-9091	Athletic Trainers	20	30	10	50%	10	10	95
33-1011	First-Line Supervisors/Managers of Correctional Officers	250	260	10	4%	70	90	95
33-1012	First-Line Supervisors/Managers of Police and Detectives	50	60	10	20%	20	20	95
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	50	10	25%	20	20	95
35-2014	Cooks, Restaurant	480	490	10	2%	150	150	95
35-3031	Waiters and Waitresses	1,470	1,480	10	1%	760	770	95
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	95
37-2012	Maids and Housekeeping Cleaners	710	720	10	1%	150	160	95
39-2021	Nonfarm Animal Caretakers	100	110	10	10%	30	40	95
39-3091	Amusement and Recreation Attendants	50	60	10	20%	10	20	95
39-4021	Funeral Attendants	20	30	10	50%	10	10	95

39-9031	Fitness Trainers and Aerobics Instructors	40	50	10	25%	10	20	95
41-2011	Cashiers	3,040	3,050	10	0%	1,480	1,490	95
43-3011	Bill and Account Collectors	200	210	10	5%	40	50	95
43-4081	Hotel, Motel, and Resort Desk Clerks	110	120	10	9%	50	60	95
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	20	95
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	20	30	10	50%	10	10	95
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	30	10	50%	10	10	95
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	95
47-2051	Cement Masons and Concrete Finishers	80	90	10	13%	20	30	95
47-2111	Electricians	300	310	10	3%	60	70	95
47-2181	Roofers	220	230	10	5%	50	60	95
47-4031	Fence Erectors	60	70	10	17%	10	20	95
47-4051	Highway Maintenance Workers	210	220	10	5%	30	40	95
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	20	30	10	50%	10	10	95
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	70	80	10	14%	20	20	95
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	180	10	6%	20	40	95
49-9043	Maintenance Workers, Machinery	80	90	10	13%	20	30	95
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	180	10	6%	60	70	95
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	110	120	10	9%	20	40	95
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	70	10	17%	10	30	95
51-5023	Printing Machine Operators	210	220	10	5%	50	60	95
51-9022	Grinding and Polishing Workers, Hand	40	50	10	25%	10	20	95
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	80	10	14%	20	30	95
53-1011	Aircraft Cargo Handling Supervisors	60	70	10	17%	10	20	95
53-3021	Bus Drivers, Transit and Intercity	170	180	10	6%	40	40	95
53-3022	Bus Drivers, School	500	510	10	2%	110	120	95
53-3041	Taxi Drivers and Chauffeurs	30	40	10	33%	0	10	95
53-7063	Machine Feeders and Offbearers	330	340	10	3%	90	100	95
11-2011	Advertising and Promotions Managers	20	20	0	0%	0	0	181
11-2022	Sales Managers	90	90	0	0%	20	30	181
11-2031	Public Relations Managers	20	20	0	0%	0	0	181
11-3011	Administrative Services Managers	110	110	0	0%	20	20	181
11-3031	Financial Managers	130	130	0	0%	20	20	181
11-3061	Purchasing Managers	40	40	0	0%	10	10	181
11-9021	Construction Managers	60	60	0	0%	10	20	181
11-9033	Education Administrators, Postsecondary	40	40	0	0%	10	10	181
11-9061	Funeral Directors	20	20	0	0%	10	10	181
11-9081	Lodging Managers	30	30	0	0%	0	0	181
11-9121	Natural Sciences Managers	20	20	0	0%	0	10	181
11-9141	Property, Real Estate, and Community Association Managers	40	40	0	0%	10	10	181
11-1011	Chief Executives	190	190	0	0%	40	40	181
11-1031	Legislators	110	110	0	0%	10	10	181
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	181
13-1022	Wholesale and Retail Buyers, Except Farm Products	40	40	0	0%	10	10	181
13-1031	Claims Adjusters, Examiners, and Investigators	110	110	0	0%	10	10	181
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	20	20	0	0%	10	10	181
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	181
13-2031	Budget Analysts	20	20	0	0%	0	0	181
15-1021	Computer Programmers	130	130	0	0%	30	30	181
15-1061	Database Administrators	30	30	0	0%	0	10	181
15-2041	Statisticians	30	30	0	0%	10	10	181
17-1011	Architects, Except Landscape and Naval	20	20	0	0%	0	10	181
17-1022	Surveyors	20	20	0	0%	10	10	181
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	20	20	0	0%	10	10	181
17-2131	Materials Engineers	40	40	0	0%	10	20	181

17-3011	Architectural and Civil Drafters	20	20	0	0%	0	0	181
17-3013	Mechanical Drafters	30	30	0	0%	10	10	181
17-3026	Industrial Engineering Technicians	20	20	0	0%	0	10	181
17-3031	Surveying and Mapping Technicians	50	50	0	0%	20	20	181
19-3021	Market Research Analysts	40	40	0	0%	10	10	181
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	181
21-1091	Health Educators	20	20	0	0%	0	10	181
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	181
23-2091	Court Reporters	30	30	0	0%	0	10	181
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	181
25-1081	Education Teachers, Postsecondary	30	30	0	0%	10	10	181
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	181
25-2022	Middle School Teachers, Except Special and Vocational Education	300	300	0	0%	70	70	181
25-2032	Vocational Education Teachers, Secondary School	70	70	0	0%	20	20	181
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	0	181
25-4021	Librarians	70	70	0	0%	20	20	181
25-9031	Instructional Coordinators	50	50	0	0%	10	20	181
27-1023	Floral Designers	30	30	0	0%	0	0	181
27-1024	Graphic Designers	80	80	0	0%	10	20	181
27-1025	Interior Designers	20	20	0	0%	0	10	181
27-2042	Musicians and Singers	20	20	0	0%	0	0	181
27-3020	News Analysts, Reporters and Correspondents	20	20	0	0%	0	0	181
27-3041	Editors	40	40	0	0%	10	10	181
27-3042	Technical Writers	20	20	0	0%	10	10	181
27-3043	Writers and Authors	60	60	0	0%	10	10	181
27-4021	Photographers	50	50	0	0%	10	10	181
27-4032	Film and Video Editors	20	20	0	0%	0	0	181
29-1041	Optometrists	20	20	0	0%	10	10	181
29-1067	Surgeons	50	50	0	0%	10	10	181
29-1127	Speech-Language Pathologists	70	70	0	0%	20	20	181
29-1131	Veterinarians	20	20	0	0%	10	10	181
29-2011	Medical and Clinical Laboratory Technologists	50	50	0	0%	10	10	181
29-2012	Medical and Clinical Laboratory Technicians	120	120	0	0%	30	30	181
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	181
29-2055	Surgical Technologists	60	60	0	0%	10	10	181
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	181
31-1011	Home Health Aides	190	190	0	0%	30	30	181
31-1013	Psychiatric Aides	20	20	0	0%	0	0	181
31-2021	Physical Therapist Assistants	40	40	0	0%	10	10	181
31-2022	Physical Therapist Aides	30	30	0	0%	0	10	181
31-9094	Medical Transcriptionists	70	70	0	0%	10	10	181
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	20	20	0	0%	0	0	181
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	181
33-3031	Fish and Game Wardens	20	20	0	0%	0	0	181
33-9021	Private Detectives and Investigators	20	20	0	0%	0	10	181
33-9091	Crossing Guards	70	70	0	0%	20	30	181
35-1011	Chefs and Head Cooks	90	90	0	0%	30	30	181
35-2011	Cooks, Fast Food	620	620	0	0%	190	190	181
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	170	170	0	0%	60	60	181
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	210	210	0	0%	70	70	181
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	160	160	0	0%	40	40	181
37-2021	Pest Control Workers	30	30	0	0%	10	10	181
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	30	30	0	0%	10	10	181
39-1021	First-Line Supervisors/Managers of Personal Service Workers	190	190	0	0%	50	50	181
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	60	0	0%	40	40	181

39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	181
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	10	181
39-9041	Residential Advisors	30	30	0	0%	10	10	181
41-3011	Advertising Sales Agents	80	80	0	0%	20	20	181
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	160	160	0	0%	40	40	181
41-9011	Demonstrators and Product Promoters	30	30	0	0%	10	10	181
41-9031	Sales Engineers	30	30	0	0%	10	10	181
43-3021	Billing and Posting Clerks and Machine Operators	360	360	0	0%	60	60	181
43-3061	Procurement Clerks	50	50	0	0%	10	10	181
43-4011	Brokerage Clerks	20	20	0	0%	0	0	181
43-4031	Court, Municipal, and License Clerks	50	50	0	0%	10	10	181
43-4041	Credit Authorizers, Checkers, and Clerks	40	40	0	0%	10	10	181
43-4071	File Clerks	70	70	0	0%	20	20	181
43-4121	Library Assistants, Clerical	20	20	0	0%	10	10	181
43-4141	New Accounts Clerks	60	60	0	0%	20	20	181
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	80	80	0	0%	20	20	181
43-5031	Police, Fire, and Ambulance Dispatchers	70	70	0	0%	20	20	181
43-5032	Dispatchers, Except Police, Fire, and Ambulance	90	90	0	0%	20	20	181
43-9041	Insurance Claims and Policy Processing Clerks	50	50	0	0%	10	10	181
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	181
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	130	130	0	0%	40	40	181
45-4023	Log Graders and Scalars	20	20	0	0%	0	0	181
47-2011	Boilermakers	30	30	0	0%	10	10	181
47-2021	Brickmasons and Blockmasons	30	30	0	0%	0	10	181
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	50	0	0%	10	20	181
47-2081	Drywall and Ceiling Tile Installers	80	80	0	0%	20	20	181
47-2082	Tapers	20	20	0	0%	0	10	181
47-2151	Pipelayers	50	50	0	0%	10	20	181
47-2161	Plasterers and Stucco Masons	60	60	0	0%	10	10	181
47-2221	Structural Iron and Steel Workers	50	50	0	0%	10	10	181
47-3012	Helpers--Carpenters	40	40	0	0%	20	20	181
47-3013	Helpers--Electricians	30	30	0	0%	10	10	181
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	20	20	0	0%	10	10	181
47-4011	Construction and Building Inspectors	30	30	0	0%	10	10	181
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	0%	10	10	181
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	60	60	0	0%	10	10	181
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	30	30	0	0%	10	10	181
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	20	20	0	0%	0	10	181
49-3011	Aircraft Mechanics and Service Technicians	60	60	0	0%	10	10	181
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	181
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	181
49-3023	Automotive Service Technicians and Mechanics	470	470	0	0%	120	130	181
49-3041	Farm Equipment Mechanics	40	40	0	0%	10	10	181
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	181
49-9044	Millwrights	70	70	0	0%	20	20	181
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	20	20	0	0%	10	10	181
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	0%	10	10	181
51-2022	Electrical and Electronic Equipment Assemblers	220	220	0	0%	50	50	181
51-2041	Structural Metal Fabricators and Fitters	140	140	0	0%	30	30	181
51-3011	Bakers	70	70	0	0%	20	20	181
51-3092	Food Batchmakers	20	20	0	0%	10	10	181
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	170	170	0	0%	40	40	181
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	0%	10	10	181
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	181
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	20	20	0	0%	10	10	181

51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	181
51-4194	Tool Grinders, Filers, and Sharpeners	20	20	0	0%	10	10	181
51-5021	Job Printers	130	130	0	0%	30	30	181
51-6021	Pressers, Textile, Garment, and Related Materials	40	40	0	0%	10	10	181
51-6031	Sewing Machine Operators	50	50	0	0%	10	10	181
51-6052	Tailors, Dressmakers, and Custom Sewers	40	40	0	0%	10	10	181
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	181
51-8092	Gas Plant Operators	30	30	0	0%	10	10	181
51-9011	Chemical Equipment Operators and Tenders	30	30	0	0%	10	10	181
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	181
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	181
51-9081	Dental Laboratory Technicians	210	210	0	0%	50	50	181
51-9122	Painters, Transportation Equipment	50	50	0	0%	10	20	181
51-9123	Painting, Coating, and Decorating Workers	30	30	0	0%	10	10	181
51-9132	Photographic Processing Machine Operators	20	20	0	0%	10	10	181
51-9141	Semiconductor Processors	20	20	0	0%	0	0	181
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	181
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	20	20	0	0%	10	10	181
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operat	190	190	0	0%	50	50	181
53-2012	Commercial Pilots	20	20	0	0%	0	10	181
53-2021	Air Traffic Controllers	70	70	0	0%	20	20	181
53-3031	Driver/Sales Workers	820	820	0	0%	130	130	181
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	10	181
11-2021	Marketing Managers	70	60	-10	-14%	10	10	341
11-9051	Food Service Managers	320	310	-10	-3%	50	50	341
11-9131	Postmasters and Mail Superintendents	60	50	-10	-17%	10	10	341
21-2011	Clergy	20	10	-10	-50%	0	0	341
27-2012	Producers and Directors	50	40	-10	-20%	10	10	341
27-4012	Broadcast Technicians	40	30	-10	-25%	10	10	341
27-4031	Camera Operators, Television, Video, and Motion Picture	20	10	-10	-50%	0	0	341
29-1020	Dentists	130	120	-10	-8%	20	20	341
29-2052	Pharmacy Technicians	340	330	-10	-3%	40	40	341
29-2081	Opticians, Dispensing	60	50	-10	-17%	10	10	341
31-9093	Medical Equipment Preparers	30	20	-10	-33%	10	10	341
31-9095	Pharmacy Aides	50	40	-10	-20%	10	10	341
35-2015	Cooks, Short Order	460	450	-10	-2%	140	140	341
35-3041	Food Servers, Nonrestaurant	120	110	-10	-8%	40	40	341
35-9021	Dishwashers	310	300	-10	-3%	110	110	341
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	341
41-2022	Parts Salespersons	210	200	-10	-5%	60	60	341
41-3021	Insurance Sales Agents	140	130	-10	-7%	30	30	341
41-3031	Securities, Commodities, and Financial Services Sales Agents	70	60	-10	-14%	10	10	341
41-3041	Travel Agents	40	30	-10	-25%	10	10	341
43-3051	Payroll and Timekeeping Clerks	110	100	-10	-9%	30	30	341
43-4021	Correspondence Clerks	20	10	-10	-50%	10	10	341
43-4061	Eligibility Interviewers, Government Programs	20	10	-10	-50%	10	10	341
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	341
43-5041	Meter Readers, Utilities	70	60	-10	-14%	20	20	341
43-5051	Postal Service Clerks	70	60	-10	-14%	20	20	341
43-9011	Computer Operators	50	40	-10	-20%	10	10	341
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	40	30	-10	-25%	10	10	341
43-9061	Office Clerks, General	1,930	1,920	-10	-1%	430	430	341
43-9071	Office Machine Operators, Except Computer	70	60	-10	-14%	20	20	341
45-2041	Graders and Sorters, Agricultural Products	50	40	-10	-20%	10	10	341
45-2093	Farmworkers, Farm and Ranch Animals	50	40	-10	-20%	10	10	341

47-2211	Sheet Metal Workers	160	150	-10	-6%	40	40	341
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	20	10	-10	-50%	10	10	341
49-3093	Tire Repairers and Changers	50	40	-10	-20%	20	20	341
49-9051	Electrical Power-Line Installers and Repairers	80	70	-10	-13%	20	20	341
49-9052	Telecommunications Line Installers and Repairers	190	180	-10	-5%	50	50	341
51-3021	Butchers and Meat Cutters	70	60	-10	-14%	20	20	341
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and F	70	60	-10	-14%	10	10	341
51-4071	Foundry Mold and Coremakers	20	10	-10	-50%	10	10	341
51-5022	Prepress Technicians and Workers	100	90	-10	-10%	20	20	341
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	341
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	40	30	-10	-25%	10	10	341
51-8021	Stationary Engineers and Boiler Operators	70	60	-10	-14%	10	10	341
51-9196	Paper Goods Machine Setters, Operators, and Tenders	210	200	-10	-5%	40	40	341
53-6031	Service Station Attendants	30	20	-10	-33%	10	10	341
53-7061	Cleaners of Vehicles and Equipment	230	220	-10	-4%	80	80	341
27-3010	Announcers	70	50	-20	-29%	20	20	388
35-3011	Bartenders	370	350	-20	-5%	150	150	388
41-9022	Real Estate Sales Agents	110	90	-20	-18%	20	20	388
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	720	700	-20	-3%	160	160	388
43-2011	Switchboard Operators, Including Answering Service	130	110	-20	-15%	30	30	388
43-4131	Loan Interviewers and Clerks	120	100	-20	-17%	20	20	388
43-4151	Order Clerks	120	100	-20	-17%	30	30	388
43-5052	Postal Service Mail Carriers	280	260	-20	-7%	90	90	388
43-5071	Shipping, Receiving, and Traffic Clerks	520	500	-20	-4%	110	110	388
47-2141	Painters, Construction and Maintenance	230	210	-20	-9%	40	40	388
47-2152	Plumbers, Pipefitters, and Steamfitters	410	390	-20	-5%	90	90	388
51-2023	Electromechanical Equipment Assemblers	100	80	-20	-20%	20	20	388
51-5011	Bindery Workers	90	70	-20	-22%	20	20	388
51-6011	Laundry and Dry-Cleaning Workers	280	260	-20	-7%	80	80	388
51-8013	Power Plant Operators	210	190	-20	-10%	60	60	388
41-9041	Telemarketers	320	290	-30	-9%	50	50	403
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	170	140	-30	-18%	40	40	403
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	403
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,210	1,170	-40	-3%	220	220	406
43-6011	Executive Secretaries and Administrative Assistants	1,050	1,010	-40	-4%	200	200	406
35-2012	Cooks, Institution and Cafeteria	390	340	-50	-13%	120	120	408
43-9021	Data Entry Keyers	190	140	-50	-26%	50	50	408
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,100	1,020	-80	-7%	210	210	410
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,150	-80	-4%	730	730	410
43-5081	Stock Clerks and Order Fillers	810	670	-140	-17%	300	300	412
43-6014	Secretaries, Except Legal, Medical, and Executive	1,520	1,330	-190	-13%	290	290	413

- 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 07

Ranked by Growth Rate (Percent Change 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		88,520	93,430	4,910	6%	21,980	28,520	
21-1013	Marriage and Family Therapists	20	90	70	350%	0	70	1
21-1021	Child, Family, and School Social Workers	250	510	260	104%	40	300	2
29-1062	Family and General Practitioners	60	110	50	83%	10	50	3
21-1022	Medical and Public Health Social Workers	30	50	20	67%	10	20	4
29-1031	Dietitians and Nutritionists	30	50	20	67%	10	30	4
29-2034	Radiologic Technologists and Technicians	140	220	80	57%	30	110	6
31-9092	Medical Assistants	230	360	130	57%	40	170	7
21-1093	Social and Human Service Assistants	90	140	50	56%	20	70	8
17-2072	Electronics Engineers, Except Computer	20	30	10	50%	0	10	9
19-1022	Microbiologists	20	30	10	50%	10	10	9
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	9
21-1092	Probation Officers and Correctional Treatment Specialists	20	30	10	50%	0	10	9
23-2011	Paralegals and Legal Assistants	60	90	30	50%	10	30	9
25-1022	Mathematical Science Teachers, Postsecondary	20	30	10	50%	10	10	9
25-4010	Archivists, Curators, and Museum Technicians	20	30	10	50%	10	10	9
29-1071	Physician Assistants	20	30	10	50%	0	10	9
29-9091	Athletic Trainers	20	30	10	50%	10	10	9
39-4021	Funeral Attendants	20	30	10	50%	10	10	9
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	20	30	10	50%	10	10	9
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	30	10	50%	10	10	9
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	20	30	10	50%	10	10	9
39-9021	Personal and Home Care Aides	340	480	140	41%	50	190	22
51-8091	Chemical Plant and System Operators	50	70	20	40%	20	30	23
11-9011	Farm, Ranch, and Other Agricultural Managers	30	40	10	33%	10	10	24
15-1032	Computer Software Engineers, Systems Software	30	40	10	33%	0	10	24
15-1081	Network Systems and Data Communications Analysts	30	40	10	33%	0	10	24
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	40	10	33%	10	20	24
25-1021	Computer Science Teachers, Postsecondary	30	40	10	33%	10	20	24
25-1123	English Language and Literature Teachers, Postsecondary	30	40	10	33%	10	20	24
29-2021	Dental Hygienists	30	40	10	33%	0	10	24
29-2054	Respiratory Therapy Technicians	30	40	10	33%	0	10	24
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	24
53-3041	Taxi Drivers and Chauffeurs	30	40	10	33%	0	10	24
25-1121	Art, Drama, and Music Teachers, Postsecondary	290	380	90	31%	70	150	34
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	20	35
25-2042	Special Education Teachers, Middle School	70	90	20	29%	20	30	35
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	90	20	29%	20	30	35
31-9091	Dental Assistants	110	140	30	27%	30	70	38
43-6012	Legal Secretaries	110	140	30	27%	20	50	38
51-4111	Tool and Die Makers	110	140	30	27%	30	50	38
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	190	240	50	26%	40	90	41
11-3071	Transportation, Storage, and Distribution Managers	40	50	10	25%	10	20	42
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	42
11-9151	Social and Community Service Managers	40	50	10	25%	10	10	42
13-1051	Cost Estimators	80	100	20	25%	20	30	42
13-2052	Personal Financial Advisors	40	50	10	25%	10	20	42
19-1042	Medical Scientists, Except Epidemiologists	40	50	10	25%	10	10	42
19-2031	Chemists	40	50	10	25%	10	30	42
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	20	42
27-2022	Coaches and Scouts	40	50	10	25%	10	10	42
29-1126	Respiratory Therapists	80	100	20	25%	30	40	42
29-2041	Emergency Medical Technicians and Paramedics	200	250	50	25%	20	80	42
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	50	10	25%	20	20	42
39-9031	Fitness Trainers and Aerobics Instructors	40	50	10	25%	10	20	42

51-9022	Grinding and Polishing Workers, Hand	40	50	10	25%	10	20	42
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	170	210	40	24%	40	80	56
43-4171	Receptionists and Information Clerks	510	630	120	24%	130	240	56
11-9041	Engineering Managers	90	110	20	22%	20	30	58
19-3031	Clinical, Counseling, and School Psychologists	90	110	20	22%	20	40	58
29-2071	Medical Records and Health Information Technicians	90	110	20	22%	10	30	58
25-3021	Self-Enrichment Education Teachers	140	170	30	21%	20	50	61
11-3040	Human Resources Managers	50	60	10	20%	10	10	62
11-3051	Industrial Production Managers	150	180	30	20%	30	60	62
13-1072	Compensation, Benefits, and Job Analysis Specialists	50	60	10	20%	10	20	62
13-1073	Training and Development Specialists	100	120	20	20%	20	30	62
15-1041	Computer Support Specialists	200	240	40	20%	30	60	62
17-2051	Civil Engineers	50	60	10	20%	10	10	62
19-4021	Biological Technicians	50	60	10	20%	10	20	62
25-1011	Business Teachers, Postsecondary	50	60	10	20%	10	30	62
25-1194	Vocational Education Teachers, Postsecondary	50	60	10	20%	10	30	62
33-1012	First-Line Supervisors/Managers of Police and Detectives	50	60	10	20%	20	20	62
39-3091	Amusement and Recreation Attendants	50	60	10	20%	10	20	62
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	530	630	100	19%	120	230	73
53-7081	Refuse and Recyclable Material Collectors	160	190	30	19%	40	70	74
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	110	130	20	18%	20	40	75
33-3051	Police and Sheriff's Patrol Officers	340	400	60	18%	90	150	76
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	980	1,150	170	17%	210	370	77
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	290	340	50	17%	100	150	78
13-2051	Financial Analysts	60	70	10	17%	10	20	79
17-2071	Electrical Engineers	60	70	10	17%	10	20	79
25-2043	Special Education Teachers, Secondary School	120	140	20	17%	30	50	79
25-4031	Library Technicians	120	140	20	17%	50	60	79
29-1122	Occupational Therapists	60	70	10	17%	10	20	79
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	20	79
43-5061	Production, Planning, and Expediting Clerks	180	210	30	17%	50	70	79
47-4031	Fence Erectors	60	70	10	17%	10	20	79
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	70	10	17%	10	30	79
53-1011	Aircraft Cargo Handling Supervisors	60	70	10	17%	10	20	79
51-9111	Packaging and Filling Machine Operators and Tenders	490	570	80	16%	100	180	89
11-9111	Medical and Health Services Managers	250	290	40	16%	50	90	90
51-4041	Machinists	250	290	40	16%	60	100	90
51-4121	Welders, Cutters, Solderers, and Brazers	250	290	40	16%	70	110	90
23-1011	Lawyers	130	150	20	15%	20	40	93
49-9041	Industrial Machinery Mechanics	260	300	40	15%	50	100	93
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	310	40	15%	80	120	95
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	410	470	60	15%	110	170	96
25-2012	Kindergarten Teachers, Except Special Education	70	80	10	14%	10	20	97
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	70	80	10	14%	20	20	97
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	490	560	70	14%	110	170	97
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	80	10	14%	20	30	97
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,900	2,170	270	14%	830	1,090	101
47-2061	Construction Laborers	500	570	70	14%	70	130	102
33-3012	Correctional Officers and Jailers	1,470	1,670	200	14%	310	500	103
49-9042	Maintenance and Repair Workers, General	1,180	1,340	160	14%	230	380	104
39-5012	Hairdressers, Hairstylists, and Cosmetologists	470	530	60	13%	90	150	105
15-1051	Computer Systems Analysts	160	180	20	13%	20	50	106
17-3023	Electrical and Electronic Engineering Technicians	80	90	10	13%	20	30	106
19-4031	Chemical Technicians	80	90	10	13%	20	30	106
29-1123	Physical Therapists	80	90	10	13%	10	20	106
39-9032	Recreation Workers	160	180	20	13%	40	60	106
47-2051	Cement Masons and Concrete Finishers	80	90	10	13%	20	30	106
49-9043	Maintenance Workers, Machinery	80	90	10	13%	20	30	106
25-9041	Teacher Assistants	730	820	90	12%	140	230	113
47-2073	Operating Engineers and Other Construction Equipment Operators	250	280	30	12%	60	90	114
43-6013	Medical Secretaries	170	190	20	12%	30	50	115
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	190	20	12%	40	60	115
27-3031	Public Relations Specialists	90	100	10	11%	10	20	117
51-8031	Water and Liquid Waste Treatment Plant and System Operators	270	300	30	11%	90	120	117
33-2011	Fire Fighters	190	210	20	11%	50	80	119
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	290	320	30	10%	190	220	120
13-2021	Appraisers and Assessors of Real Estate	100	110	10	10%	20	40	121

17-2141	Mechanical Engineers	100	110	10	10%	30	40	121
21-1012	Educational, Vocational, and School Counselors	200	220	20	10%	50	70	121
39-2021	Nonfarm Animal Caretakers	100	110	10	10%	30	40	121
53-7051	Industrial Truck and Tractor Operators	500	550	50	10%	100	140	121
11-1021	General and Operations Managers	1,020	1,120	100	10%	190	300	126
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,330	1,460	130	10%	220	340	127
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	210	230	20	10%	60	70	128
29-1111	Registered Nurses	1,410	1,540	130	9%	300	430	129
21-1015	Rehabilitation Counselors	110	120	10	9%	20	40	130
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	130
43-4081	Hotel, Motel, and Resort Desk Clerks	110	120	10	9%	50	60	130
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	110	120	10	9%	20	40	130
31-1012	Nursing Aides, Orderlies, and Attendants	1,120	1,220	100	9%	150	250	134
53-3033	Truck Drivers, Light or Delivery Services	570	620	50	9%	50	110	135
33-9032	Security Guards	610	660	50	8%	130	180	136
13-2072	Loan Officers	130	140	10	8%	20	30	137
25-2031	Secondary School Teachers, Except Special and Vocational Education	650	700	50	8%	180	240	137
51-2092	Team Assemblers	930	1,000	70	8%	240	310	139
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	400	430	30	8%	70	100	140
11-3021	Computer and Information Systems Managers	140	150	10	7%	30	40	141
15-1031	Computer Software Engineers, Applications	140	150	10	7%	10	20	141
17-2112	Industrial Engineers	140	150	10	7%	30	50	141
37-3011	Landscaping and Groundskeeping Workers	710	760	50	7%	150	210	144
41-2021	Counter and Rental Clerks	290	310	20	7%	110	140	145
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,200	1,280	80	7%	230	300	146
11-9032	Education Administrators, Elementary and Secondary School	160	170	10	6%	40	60	147
13-1111	Management Analysts	160	170	10	6%	20	30	147
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	500	530	30	6%	130	160	149
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	170	180	10	6%	40	50	150
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	180	10	6%	20	40	150
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	180	10	6%	60	70	150
53-3021	Bus Drivers, Transit and Intercity	170	180	10	6%	40	40	150
47-2031	Carpenters	360	380	20	6%	60	80	154
51-9198	Helpers--Production Workers	720	760	40	6%	200	240	154
29-2061	Licensed Practical and Licensed Vocational Nurses	550	580	30	5%	120	160	156
25-2021	Elementary School Teachers, Except Special Education	770	810	40	5%	170	210	157
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	580	610	30	5%	140	170	158
43-4051	Customer Service Representatives	970	1,020	50	5%	140	190	159
43-3011	Bill and Account Collectors	200	210	10	5%	40	50	160
47-4051	Highway Maintenance Workers	210	220	10	5%	30	40	161
51-5023	Printing Machine Operators	210	220	10	5%	50	60	161
35-2021	Food Preparation Workers	640	670	30	5%	230	260	163
29-1051	Pharmacists	220	230	10	5%	40	50	164
47-2181	Roofers	220	230	10	5%	50	60	164
43-3071	Tellers	470	490	20	4%	230	250	166
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	710	740	30	4%	180	210	167
33-1011	First-Line Supervisors/Managers of Correctional Officers	250	260	10	4%	70	90	168
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	520	540	20	4%	140	160	169
53-7064	Packers and Packagers, Hand	540	560	20	4%	100	120	170
47-2111	Electricians	300	310	10	3%	60	70	171
53-7063	Machine Feeders and Offbearers	330	340	10	3%	90	100	172
35-2014	Cooks, Restaurant	480	490	10	2%	150	150	173
13-2011	Accountants and Auditors	500	510	10	2%	90	100	174
53-3022	Bus Drivers, School	500	510	10	2%	110	120	174
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	176
37-2012	Maids and Housekeeping Cleaners	710	720	10	1%	150	160	177
41-2031	Retail Salespersons	2,670	2,690	20	1%	970	990	178
35-3031	Waiters and Waitresses	1,470	1,480	10	1%	760	770	179
41-2011	Cashiers	3,040	3,050	10	0%	1,480	1,490	180
11-2011	Advertising and Promotions Managers	20	20	0	0%	0	0	181
11-2022	Sales Managers	90	90	0	0%	20	30	181
11-2031	Public Relations Managers	20	20	0	0%	0	0	181
11-3011	Administrative Services Managers	110	110	0	0%	20	20	181
11-3031	Financial Managers	130	130	0	0%	20	20	181
11-3061	Purchasing Managers	40	40	0	0%	10	10	181
11-9021	Construction Managers	60	60	0	0%	10	20	181
11-9033	Education Administrators, Postsecondary	40	40	0	0%	10	10	181

11-9061	Funeral Directors	20	20	0	0%	10	10	181
11-9081	Lodging Managers	30	30	0	0%	0	0	181
11-9121	Natural Sciences Managers	20	20	0	0%	0	10	181
11-9141	Property, Real Estate, and Community Association Managers	40	40	0	0%	10	10	181
11-1011	Chief Executives	190	190	0	0%	40	40	181
11-1031	Legislators	110	110	0	0%	10	10	181
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	181
13-1022	Wholesale and Retail Buyers, Except Farm Products	40	40	0	0%	10	10	181
13-1031	Claims Adjusters, Examiners, and Investigators	110	110	0	0%	10	10	181
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	20	20	0	0%	10	10	181
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	181
13-2031	Budget Analysts	20	20	0	0%	0	0	181
15-1021	Computer Programmers	130	130	0	0%	30	30	181
15-1061	Database Administrators	30	30	0	0%	0	10	181
15-2041	Statisticians	30	30	0	0%	10	10	181
17-1011	Architects, Except Landscape and Naval	20	20	0	0%	0	10	181
17-1022	Surveyors	20	20	0	0%	10	10	181
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	20	20	0	0%	10	10	181
17-2131	Materials Engineers	40	40	0	0%	10	20	181
17-3011	Architectural and Civil Drafters	20	20	0	0%	0	0	181
17-3013	Mechanical Drafters	30	30	0	0%	10	10	181
17-3026	Industrial Engineering Technicians	20	20	0	0%	0	10	181
17-3031	Surveying and Mapping Technicians	50	50	0	0%	20	20	181
19-3021	Market Research Analysts	40	40	0	0%	10	10	181
19-3051	Urban and Regional Planners	20	20	0	0%	10	10	181
21-1091	Health Educators	20	20	0	0%	0	10	181
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	181
23-2091	Court Reporters	30	30	0	0%	0	10	181
23-2093	Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	181
25-1081	Education Teachers, Postsecondary	30	30	0	0%	10	10	181
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	181
25-2022	Middle School Teachers, Except Special and Vocational Education	300	300	0	0%	70	70	181
25-2032	Vocational Education Teachers, Secondary School	70	70	0	0%	20	20	181
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	0	181
25-4021	Librarians	70	70	0	0%	20	20	181
25-9031	Instructional Coordinators	50	50	0	0%	10	20	181
27-1023	Floral Designers	30	30	0	0%	0	0	181
27-1024	Graphic Designers	80	80	0	0%	10	20	181
27-1025	Interior Designers	20	20	0	0%	0	10	181
27-2042	Musicians and Singers	20	20	0	0%	0	0	181
27-3020	News Analysts, Reporters and Correspondents	20	20	0	0%	0	0	181
27-3041	Editors	40	40	0	0%	10	10	181
27-3042	Technical Writers	20	20	0	0%	10	10	181
27-3043	Writers and Authors	60	60	0	0%	10	10	181
27-4021	Photographers	50	50	0	0%	10	10	181
27-4032	Film and Video Editors	20	20	0	0%	0	0	181
29-1041	Optometrists	20	20	0	0%	10	10	181
29-1067	Surgeons	50	50	0	0%	10	10	181
29-1127	Speech-Language Pathologists	70	70	0	0%	20	20	181
29-1131	Veterinarians	20	20	0	0%	10	10	181
29-2011	Medical and Clinical Laboratory Technologists	50	50	0	0%	10	10	181
29-2012	Medical and Clinical Laboratory Technicians	120	120	0	0%	30	30	181
29-2032	Diagnostic Medical Sonographers	20	20	0	0%	0	10	181
29-2055	Surgical Technologists	60	60	0	0%	10	10	181
29-9010	Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	181
31-1011	Home Health Aides	190	190	0	0%	30	30	181
31-1013	Psychiatric Aides	20	20	0	0%	0	0	181
31-2021	Physical Therapist Assistants	40	40	0	0%	10	10	181
31-2022	Physical Therapist Aides	30	30	0	0%	0	10	181
31-9094	Medical Transcriptionists	70	70	0	0%	10	10	181
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	20	20	0	0%	0	0	181
33-3021	Detectives and Criminal Investigators	40	40	0	0%	10	10	181
33-3031	Fish and Game Wardens	20	20	0	0%	0	0	181
33-9021	Private Detectives and Investigators	20	20	0	0%	0	10	181
33-9091	Crossing Guards	70	70	0	0%	20	30	181
35-1011	Chefs and Head Cooks	90	90	0	0%	30	30	181
35-2011	Cooks, Fast Food	620	620	0	0%	190	190	181

35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	170	170	0	0%	60	60	181
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	210	210	0	0%	70	70	181
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	160	160	0	0%	40	40	181
37-2021	Pest Control Workers	30	30	0	0%	10	10	181
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	30	30	0	0%	10	10	181
39-1021	First-Line Supervisors/Managers of Personal Service Workers	190	190	0	0%	50	50	181
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	60	0	0%	40	40	181
39-3093	Locker Room, Coathouse, and Dressing Room Attendants	20	20	0	0%	10	10	181
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	10	181
39-9041	Residential Advisors	30	30	0	0%	10	10	181
41-3011	Advertising Sales Agents	80	80	0	0%	20	20	181
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	160	160	0	0%	40	40	181
41-9011	Demonstrators and Product Promoters	30	30	0	0%	10	10	181
41-9031	Sales Engineers	30	30	0	0%	10	10	181
43-3021	Billing and Posting Clerks and Machine Operators	360	360	0	0%	60	60	181
43-3061	Procurement Clerks	50	50	0	0%	10	10	181
43-4011	Brokerage Clerks	20	20	0	0%	0	0	181
43-4031	Court, Municipal, and License Clerks	50	50	0	0%	10	10	181
43-4041	Credit Authorizers, Checkers, and Clerks	40	40	0	0%	10	10	181
43-4071	File Clerks	70	70	0	0%	20	20	181
43-4121	Library Assistants, Clerical	20	20	0	0%	10	10	181
43-4141	New Accounts Clerks	60	60	0	0%	20	20	181
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	80	80	0	0%	20	20	181
43-5031	Police, Fire, and Ambulance Dispatchers	70	70	0	0%	20	20	181
43-5032	Dispatchers, Except Police, Fire, and Ambulance	90	90	0	0%	20	20	181
43-9041	Insurance Claims and Policy Processing Clerks	50	50	0	0%	10	10	181
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	181
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	130	130	0	0%	40	40	181
45-4023	Log Graders and Scalers	20	20	0	0%	0	0	181
47-2011	Boilermakers	30	30	0	0%	10	10	181
47-2021	Brickmasons and Blockmasons	30	30	0	0%	0	10	181
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	50	0	0%	10	20	181
47-2081	Drywall and Ceiling Tile Installers	80	80	0	0%	20	20	181
47-2082	Tapers	20	20	0	0%	0	10	181
47-2151	Pipelayers	50	50	0	0%	10	20	181
47-2161	Plasterers and Stucco Masons	60	60	0	0%	10	10	181
47-2221	Structural Iron and Steel Workers	50	50	0	0%	10	10	181
47-3012	Helpers--Carpenters	40	40	0	0%	20	20	181
47-3013	Helpers--Electricians	30	30	0	0%	10	10	181
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	20	20	0	0%	10	10	181
47-4011	Construction and Building Inspectors	30	30	0	0%	10	10	181
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	0%	10	10	181
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	60	60	0	0%	10	10	181
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	30	30	0	0%	10	10	181
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	20	20	0	0%	0	10	181
49-3011	Aircraft Mechanics and Service Technicians	60	60	0	0%	10	10	181
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	181
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	181
49-3023	Automotive Service Technicians and Mechanics	470	470	0	0%	120	130	181
49-3041	Farm Equipment Mechanics	40	40	0	0%	10	10	181
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	181
49-9044	Millwrights	70	70	0	0%	20	20	181
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	20	20	0	0%	10	10	181
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	0%	10	10	181
51-2022	Electrical and Electronic Equipment Assemblers	220	220	0	0%	50	50	181
51-2041	Structural Metal Fabricators and Fitters	140	140	0	0%	30	30	181
51-3011	Bakers	70	70	0	0%	20	20	181
51-3092	Food Batchmakers	20	20	0	0%	10	10	181
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	170	170	0	0%	40	40	181
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	0%	10	10	181
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	181
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	20	20	0	0%	10	10	181
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	181
51-4194	Tool Grinders, Filers, and Sharpeners	20	20	0	0%	10	10	181
51-5021	Job Printers	130	130	0	0%	30	30	181
51-6021	Pressers, Textile, Garment, and Related Materials	40	40	0	0%	10	10	181
51-6031	Sewing Machine Operators	50	50	0	0%	10	10	181

51-6052	Tailors, Dressmakers, and Custom Sewers	40	40	0	0%	10	10	181
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	181
51-8092	Gas Plant Operators	30	30	0	0%	10	10	181
51-9011	Chemical Equipment Operators and Tenders	30	30	0	0%	10	10	181
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	181
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	181
51-9081	Dental Laboratory Technicians	210	210	0	0%	50	50	181
51-9122	Painters, Transportation Equipment	50	50	0	0%	10	20	181
51-9123	Painting, Coating, and Decorating Workers	30	30	0	0%	10	10	181
51-9132	Photographic Processing Machine Operators	20	20	0	0%	10	10	181
51-9141	Semiconductor Processors	20	20	0	0%	0	0	181
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	181
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	20	20	0	0%	10	10	181
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	190	190	0	0%	50	50	181
53-2012	Commercial Pilots	20	20	0	0%	0	10	181
53-2021	Air Traffic Controllers	70	70	0	0%	20	20	181
53-3031	Driver/Sales Workers	820	820	0	0%	130	130	181
53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	10	181
43-9061	Office Clerks, General	1,930	1,920	-10	-1%	430	430	341
35-2015	Cooks, Short Order	460	450	-10	-2%	140	140	342
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	720	700	-20	-3%	160	160	343
29-2052	Pharmacy Technicians	340	330	-10	-3%	40	40	344
11-9051	Food Service Managers	320	310	-10	-3%	50	50	345
35-9021	Dishwashers	310	300	-10	-3%	110	110	346
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,210	1,170	-40	-3%	220	220	347
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	348
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,150	-80	-4%	730	730	349
43-6011	Executive Secretaries and Administrative Assistants	1,050	1,010	-40	-4%	200	200	350
43-5071	Shipping, Receiving, and Traffic Clerks	520	500	-20	-4%	110	110	351
53-7061	Cleaners of Vehicles and Equipment	230	220	-10	-4%	80	80	352
41-2022	Parts Salespersons	210	200	-10	-5%	60	60	353
51-9196	Paper Goods Machine Setters, Operators, and Tenders	210	200	-10	-5%	40	40	353
47-2152	Plumbers, Pipefitters, and Steamfitters	410	390	-20	-5%	90	90	355
49-9052	Telecommunications Line Installers and Repairers	190	180	-10	-5%	50	50	356
35-3011	Bartenders	370	350	-20	-5%	150	150	357
47-2211	Sheet Metal Workers	160	150	-10	-6%	40	40	358
41-3021	Insurance Sales Agents	140	130	-10	-7%	30	30	359
43-5052	Postal Service Mail Carriers	280	260	-20	-7%	90	90	359
51-6011	Laundry and Dry-Cleaning Workers	280	260	-20	-7%	80	80	359
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,100	1,020	-80	-7%	210	210	362
29-1020	Dentists	130	120	-10	-8%	20	20	363
35-3041	Food Servers, Nonrestaurant	120	110	-10	-8%	40	40	364
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	364
47-2141	Painters, Construction and Maintenance	230	210	-20	-9%	40	40	366
43-3051	Payroll and Timekeeping Clerks	110	100	-10	-9%	30	30	367
41-9041	Telemarketers	320	290	-30	-9%	50	50	368
51-8013	Power Plant Operators	210	190	-20	-10%	60	60	369
51-5022	Prepress Technicians and Workers	100	90	-10	-10%	20	20	370
43-6014	Secretaries, Except Legal, Medical, and Executive	1,520	1,330	-190	-13%	290	290	371
49-9051	Electrical Power-Line Installers and Repairers	80	70	-10	-13%	20	20	371
35-2012	Cooks, Institution and Cafeteria	390	340	-50	-13%	120	120	373
11-2021	Marketing Managers	70	60	-10	-14%	10	10	374
41-3031	Securities, Commodities, and Financial Services Sales Agents	70	60	-10	-14%	10	10	374
43-5041	Meter Readers, Utilities	70	60	-10	-14%	20	20	374
43-5051	Postal Service Clerks	70	60	-10	-14%	20	20	374
43-9071	Office Machine Operators, Except Computer	70	60	-10	-14%	20	20	374
51-3021	Butchers and Meat Cutters	70	60	-10	-14%	20	20	374
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plas	70	60	-10	-14%	10	10	374
51-8021	Stationary Engineers and Boiler Operators	70	60	-10	-14%	10	10	374
43-2011	Switchboard Operators, Including Answering Service	130	110	-20	-15%	30	30	382
11-9131	Postmasters and Mail Superintendents	60	50	-10	-17%	10	10	383
29-2081	Opticians, Dispensing	60	50	-10	-17%	10	10	383
43-4131	Loan Interviewers and Clerks	120	100	-20	-17%	20	20	383
43-4151	Order Clerks	120	100	-20	-17%	30	30	383
43-5081	Stock Clerks and Order Fillers	810	670	-140	-17%	300	300	387
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	170	140	-30	-18%	40	40	388
41-9022	Real Estate Sales Agents	110	90	-20	-18%	20	20	389

27-2012	Producers and Directors	50	40	-10	-20%	10	10	390
31-9095	Pharmacy Aides	50	40	-10	-20%	10	10	390
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	390
43-9011	Computer Operators	50	40	-10	-20%	10	10	390
45-2041	Graders and Sorters, Agricultural Products	50	40	-10	-20%	10	10	390
45-2093	Farmworkers, Farm and Ranch Animals	50	40	-10	-20%	10	10	390
49-3093	Tire Repairers and Changers	50	40	-10	-20%	20	20	390
51-2023	Electromechanical Equipment Assemblers	100	80	-20	-20%	20	20	390
51-5011	Bindery Workers	90	70	-20	-22%	20	20	398
27-4012	Broadcast Technicians	40	30	-10	-25%	10	10	399
41-3041	Travel Agents	40	30	-10	-25%	10	10	399
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	40	30	-10	-25%	10	10	399
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	40	30	-10	-25%	10	10	399
43-9021	Data Entry Keyers	190	140	-50	-26%	50	50	403
27-3010	Announcers	70	50	-20	-29%	20	20	404
31-9093	Medical Equipment Preparers	30	20	-10	-33%	10	10	405
53-6031	Service Station Attendants	30	20	-10	-33%	10	10	405
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	407
21-2011	Clergy	20	10	-10	-50%	0	0	408
27-4031	Camera Operators, Television, Video, and Motion Picture	20	10	-10	-50%	0	0	408
43-4021	Correspondence Clerks	20	10	-10	-50%	10	10	408
43-4061	Eligibility Interviewers, Government Programs	20	10	-10	-50%	10	10	408
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	20	10	-10	-50%	10	10	408
51-4071	Foundry Mold and Coremakers	20	10	-10	-50%	10	10	408

- 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 07

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		88,520	93,430	4,910	6%	21,980	28,520	
41-2011	Cashiers	3,040	3,050	10	0%	1,480	1,490	1
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	1,900	2,170	270	14%	830	1,090	2
41-2031	Retail Salespersons	2,670	2,690	20	1%	970	990	3
35-3031	Waiters and Waitresses	1,470	1,480	10	1%	760	770	4
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2,230	2,150	-80	-4%	730	730	5
33-3012	Correctional Officers and Jailers	1,470	1,670	200	14%	310	500	6
29-1111	Registered Nurses	1,410	1,540	130	9%	300	430	7
43-9061	Office Clerks, General	1,930	1,920	-10	-1%	430	430	7
49-9042	Maintenance and Repair Workers, General	1,180	1,340	160	14%	230	380	9
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	980	1,150	170	17%	210	370	10
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,330	1,460	130	10%	220	340	11
39-9011	Child Care Workers	1,040	1,060	20	2%	280	310	12
51-2092	Team Assemblers	930	1,000	70	8%	240	310	12
11-1021	General and Operations Managers	1,020	1,120	100	10%	190	300	14
21-1021	Child, Family, and School Social Workers	250	510	260	104%	40	300	14
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,200	1,280	80	7%	230	300	14
43-5081	Stock Clerks and Order Fillers	810	670	-140	-17%	300	300	14
43-6014	Secretaries, Except Legal, Medical, and Executive	1,520	1,330	-190	-13%	290	290	18
35-2021	Food Preparation Workers	640	670	30	5%	230	260	19
31-1012	Nursing Aides, Orderlies, and Attendants	1,120	1,220	100	9%	150	250	20
43-3071	Tellers	470	490	20	4%	230	250	20
25-2031	Secondary School Teachers, Except Special and Vocational Education	650	700	50	8%	180	240	22
43-4171	Receptionists and Information Clerks	510	630	120	24%	130	240	22
51-9198	Helpers--Production Workers	720	760	40	6%	200	240	22
25-9041	Teacher Assistants	730	820	90	12%	140	230	25
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	530	630	100	19%	120	230	25
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	290	320	30	10%	190	220	27
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,210	1,170	-40	-3%	220	220	27
25-2021	Elementary School Teachers, Except Special Education	770	810	40	5%	170	210	29
37-3011	Landscaping and Groundskeeping Workers	710	760	50	7%	150	210	29
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,100	1,020	-80	-7%	210	210	29
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	710	740	30	4%	180	210	29
43-6011	Executive Secretaries and Administrative Assistants	1,050	1,010	-40	-4%	200	200	33
35-2011	Cooks, Fast Food	620	620	0	0%	190	190	34
39-9021	Personal and Home Care Aides	340	480	140	41%	50	190	34
43-4051	Customer Service Representatives	970	1,020	50	5%	140	190	34
33-9032	Security Guards	610	660	50	8%	130	180	37
51-9111	Packaging and Filling Machine Operators and Tenders	490	570	80	16%	100	180	37
31-9092	Medical Assistants	230	360	130	57%	40	170	39
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	580	610	30	5%	140	170	39
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	410	470	60	15%	110	170	39
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	490	560	70	14%	110	170	39
29-2061	Licensed Practical and Licensed Vocational Nurses	550	580	30	5%	120	160	43
37-2012	Maids and Housekeeping Cleaners	710	720	10	1%	150	160	43
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	520	540	20	4%	140	160	43
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	720	700	-20	-3%	160	160	43
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	500	530	30	6%	130	160	43
25-1121	Art, Drama, and Music Teachers, Postsecondary	290	380	90	31%	70	150	48
33-3051	Police and Sheriff's Patrol Officers	340	400	60	18%	90	150	48
35-2014	Cooks, Restaurant	480	490	10	2%	150	150	48
35-3011	Bartenders	370	350	-20	-5%	150	150	48
39-5012	Hairdressers, Hairstylists, and Cosmetologists	470	530	60	13%	90	150	48
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	290	340	50	17%	100	150	48
35-2015	Cooks, Short Order	460	450	-10	-2%	140	140	54

41-2021	Counter and Rental Clerks	290	310	20	7%	110	140	54
53-7051	Industrial Truck and Tractor Operators	500	550	50	10%	100	140	54
47-2061	Construction Laborers	500	570	70	14%	70	130	57
49-3023	Automotive Service Technicians and Mechanics	470	470	0	0%	120	130	57
53-3031	Driver/Sales Workers	820	820	0	0%	130	130	57
35-2012	Cooks, Institution and Cafeteria	390	340	-50	-13%	120	120	60
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	270	310	40	15%	80	120	60
51-8031	Water and Liquid Waste Treatment Plant and System Operators	270	300	30	11%	90	120	60
53-3022	Bus Drivers, School	500	510	10	2%	110	120	60
53-7064	Packers and Packagers, Hand	540	560	20	4%	100	120	60
29-2034	Radiologic Technologists and Technicians	140	220	80	57%	30	110	65
35-9021	Dishwashers	310	300	-10	-3%	110	110	65
43-5071	Shipping, Receiving, and Traffic Clerks	520	500	-20	-4%	110	110	65
51-4121	Welders, Cutters, Solderers, and Brazers	250	290	40	16%	70	110	65
53-3033	Truck Drivers, Light or Delivery Services	570	620	50	9%	50	110	65
13-2011	Accountants and Auditors	500	510	10	2%	90	100	70
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	400	430	30	8%	70	100	70
49-9041	Industrial Machinery Mechanics	260	300	40	15%	50	100	70
51-4041	Machinists	250	290	40	16%	60	100	70
53-7063	Machine Feeders and Offbearers	330	340	10	3%	90	100	70
11-9111	Medical and Health Services Managers	250	290	40	16%	50	90	75
33-1011	First-Line Supervisors/Managers of Correctional Officers	250	260	10	4%	70	90	75
43-5052	Postal Service Mail Carriers	280	260	-20	-7%	90	90	75
47-2073	Operating Engineers and Other Construction Equipment Operators	250	280	30	12%	60	90	75
47-2152	Plumbers, Pipefitters, and Steamfitters	410	390	-20	-5%	90	90	75
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	190	240	50	26%	40	90	75
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	170	210	40	24%	40	80	81
29-2041	Emergency Medical Technicians and Paramedics	200	250	50	25%	20	80	81
33-2011	Fire Fighters	190	210	20	11%	50	80	81
47-2031	Carpenters	360	380	20	6%	60	80	81
51-6011	Laundry and Dry-Cleaning Workers	280	260	-20	-7%	80	80	81
53-7061	Cleaners of Vehicles and Equipment	230	220	-10	-4%	80	80	81
21-1012	Educational, Vocational, and School Counselors	200	220	20	10%	50	70	87
21-1013	Marriage and Family Therapists	20	90	70	350%	0	70	87
21-1093	Social and Human Service Assistants	90	140	50	56%	20	70	87
25-2022	Middle School Teachers, Except Special and Vocational Education	300	300	0	0%	70	70	87
31-9091	Dental Assistants	110	140	30	27%	30	70	87
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	210	210	0	0%	70	70	87
43-5061	Production, Planning, and Expediting Clerks	180	210	30	17%	50	70	87
47-2111	Electricians	300	310	10	3%	60	70	87
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	210	230	20	10%	60	70	87
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	180	10	6%	60	70	87
53-7081	Refuse and Recyclable Material Collectors	160	190	30	19%	40	70	87
11-3051	Industrial Production Managers	150	180	30	20%	30	60	98
11-9032	Education Administrators, Elementary and Secondary School	160	170	10	6%	40	60	98
15-1041	Computer Support Specialists	200	240	40	20%	30	60	98
25-4031	Library Technicians	120	140	20	17%	50	60	98
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	170	170	0	0%	60	60	98
39-9032	Recreation Workers	160	180	20	13%	40	60	98
41-2022	Parts Salespersons	210	200	-10	-5%	60	60	98
43-3021	Billing and Posting Clerks and Machine Operators	360	360	0	0%	60	60	98
43-4081	Hotel, Motel, and Resort Desk Clerks	110	120	10	9%	50	60	98
47-2181	Roofers	220	230	10	5%	50	60	98
51-5023	Printing Machine Operators	210	220	10	5%	50	60	98
51-8013	Power Plant Operators	210	190	-20	-10%	60	60	98
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	170	190	20	12%	40	60	98
11-9051	Food Service Managers	320	310	-10	-3%	50	50	111
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	170	180	10	6%	40	50	111
15-1051	Computer Systems Analysts	160	180	20	13%	20	50	111
17-2112	Industrial Engineers	140	150	10	7%	30	50	111
25-2043	Special Education Teachers, Secondary School	120	140	20	17%	30	50	111
25-3021	Self-Enrichment Education Teachers	140	170	30	21%	20	50	111
29-1051	Pharmacists	220	230	10	5%	40	50	111
29-1062	Family and General Practitioners	60	110	50	83%	10	50	111
39-1021	First-Line Supervisors/Managers of Personal Service Workers	190	190	0	0%	50	50	111
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	280	270	-10	-4%	50	50	111
41-9041	Telemarketers	320	290	-30	-9%	50	50	111

43-3011	Bill and Account Collectors	200	210	10	5%	40	50	111
43-6012	Legal Secretaries	110	140	30	27%	20	50	111
43-6013	Medical Secretaries	170	190	20	12%	30	50	111
43-9021	Data Entry Keyers	190	140	-50	-26%	50	50	111
49-9052	Telecommunications Line Installers and Repairers	190	180	-10	-5%	50	50	111
51-2022	Electrical and Electronic Equipment Assemblers	220	220	0	0%	50	50	111
51-4111	Tool and Die Makers	110	140	30	27%	30	50	111
51-9081	Dental Laboratory Technicians	210	210	0	0%	50	50	111
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operator	190	190	0	0%	50	50	111
11-3021	Computer and Information Systems Managers	140	150	10	7%	30	40	131
11-1011	Chief Executives	190	190	0	0%	40	40	131
13-2021	Appraisers and Assessors of Real Estate	100	110	10	10%	20	40	131
17-2141	Mechanical Engineers	100	110	10	10%	30	40	131
19-3031	Clinical, Counseling, and School Psychologists	90	110	20	22%	20	40	131
21-1015	Rehabilitation Counselors	110	120	10	9%	20	40	131
23-1011	Lawyers	130	150	20	15%	20	40	131
29-1126	Respiratory Therapists	80	100	20	25%	30	40	131
29-2052	Pharmacy Technicians	340	330	-10	-3%	40	40	131
35-3041	Food Servers, Nonrestaurant	120	110	-10	-8%	40	40	131
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	160	160	0	0%	40	40	131
39-2021	Nonfarm Animal Caretakers	100	110	10	10%	30	40	131
39-3031	Ushers, Lobby Attendants, and Ticket Takers	60	60	0	0%	40	40	131
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	160	160	0	0%	40	40	131
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	170	140	-30	-18%	40	40	131
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	130	130	0	0%	40	40	131
47-2141	Painters, Construction and Maintenance	230	210	-20	-9%	40	40	131
47-2211	Sheet Metal Workers	160	150	-10	-6%	40	40	131
47-4051	Highway Maintenance Workers	210	220	10	5%	30	40	131
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	110	130	20	18%	20	40	131
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	170	180	10	6%	20	40	131
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	110	120	10	9%	20	40	131
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	170	170	0	0%	40	40	131
51-9196	Paper Goods Machine Setters, Operators, and Tenders	210	200	-10	-5%	40	40	131
53-3021	Bus Drivers, Transit and Intercity	170	180	10	6%	40	40	131
11-2022	Sales Managers	90	90	0	0%	20	30	156
11-9041	Engineering Managers	90	110	20	22%	20	30	156
13-1051	Cost Estimators	80	100	20	25%	20	30	156
13-1073	Training and Development Specialists	100	120	20	20%	20	30	156
13-1111	Management Analysts	160	170	10	6%	20	30	156
13-2072	Loan Officers	130	140	10	8%	20	30	156
15-1021	Computer Programmers	130	130	0	0%	30	30	156
17-3023	Electrical and Electronic Engineering Technicians	80	90	10	13%	20	30	156
19-2031	Chemists	40	50	10	25%	10	30	156
19-4031	Chemical Technicians	80	90	10	13%	20	30	156
23-2011	Paralegals and Legal Assistants	60	90	30	50%	10	30	156
25-1011	Business Teachers, Postsecondary	50	60	10	20%	10	30	156
25-1194	Vocational Education Teachers, Postsecondary	50	60	10	20%	10	30	156
25-2042	Special Education Teachers, Middle School	70	90	20	29%	20	30	156
29-1031	Dietitians and Nutritionists	30	50	20	67%	10	30	156
29-2012	Medical and Clinical Laboratory Technicians	120	120	0	0%	30	30	156
29-2071	Medical Records and Health Information Technicians	90	110	20	22%	10	30	156
31-1011	Home Health Aides	190	190	0	0%	30	30	156
33-9091	Crossing Guards	70	70	0	0%	20	30	156
35-1011	Chefs and Head Cooks	90	90	0	0%	30	30	156
41-3021	Insurance Sales Agents	140	130	-10	-7%	30	30	156
43-2011	Switchboard Operators, Including Answering Service	130	110	-20	-15%	30	30	156
43-3051	Payroll and Timekeeping Clerks	110	100	-10	-9%	30	30	156
43-4151	Order Clerks	120	100	-20	-17%	30	30	156
47-2051	Cement Masons and Concrete Finishers	80	90	10	13%	20	30	156
49-3021	Automotive Body and Related Repairers	140	140	0	0%	30	30	156
49-9043	Maintenance Workers, Machinery	80	90	10	13%	20	30	156
51-2041	Structural Metal Fabricators and Fitters	140	140	0	0%	30	30	156
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	60	70	10	17%	10	30	156
51-5021	Job Printers	130	130	0	0%	30	30	156
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	120	110	-10	-8%	30	30	156
51-8091	Chemical Plant and System Operators	50	70	20	40%	20	30	156
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	70	90	20	29%	20	30	156

51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	70	80	10	14%	20	30	156
11-3011	Administrative Services Managers	110	110	0	0%	20	20	190
11-3031	Financial Managers	130	130	0	0%	20	20	190
11-3071	Transportation, Storage, and Distribution Managers	40	50	10	25%	10	20	190
11-9021	Construction Managers	60	60	0	0%	10	20	190
11-9031	Education Administrators, Preschool and Child Care Center/Program	40	50	10	25%	10	20	190
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	0%	20	20	190
13-1072	Compensation, Benefits, and Job Analysis Specialists	50	60	10	20%	10	20	190
13-2051	Financial Analysts	60	70	10	17%	10	20	190
13-2052	Personal Financial Advisors	40	50	10	25%	10	20	190
15-1031	Computer Software Engineers, Applications	140	150	10	7%	10	20	190
15-1071	Network and Computer Systems Administrators	70	90	20	29%	10	20	190
17-2071	Electrical Engineers	60	70	10	17%	10	20	190
17-2131	Materials Engineers	40	40	0	0%	10	20	190
17-3031	Surveying and Mapping Technicians	50	50	0	0%	20	20	190
19-4021	Biological Technicians	50	60	10	20%	10	20	190
21-1011	Substance Abuse and Behavioral Disorder Counselors	30	40	10	33%	10	20	190
21-1022	Medical and Public Health Social Workers	30	50	20	67%	10	20	190
21-1023	Mental Health and Substance Abuse Social Workers	40	60	20	50%	10	20	190
25-1021	Computer Science Teachers, Postsecondary	30	40	10	33%	10	20	190
25-1123	English Language and Literature Teachers, Postsecondary	30	40	10	33%	10	20	190
25-2011	Preschool Teachers, Except Special Education	80	100	20	25%	10	20	190
25-2012	Kindergarten Teachers, Except Special Education	70	80	10	14%	10	20	190
25-2032	Vocational Education Teachers, Secondary School	70	70	0	0%	20	20	190
25-4021	Librarians	70	70	0	0%	20	20	190
25-9031	Instructional Coordinators	50	50	0	0%	10	20	190
27-1024	Graphic Designers	80	80	0	0%	10	20	190
27-3010	Announcers	70	50	-20	-29%	20	20	190
27-3031	Public Relations Specialists	90	100	10	11%	10	20	190
29-1020	Dentists	130	120	-10	-8%	20	20	190
29-1122	Occupational Therapists	60	70	10	17%	10	20	190
29-1123	Physical Therapists	80	90	10	13%	10	20	190
29-1127	Speech-Language Pathologists	70	70	0	0%	20	20	190
33-1012	First-Line Supervisors/Managers of Police and Detectives	50	60	10	20%	20	20	190
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	50	10	25%	20	20	190
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	110	120	10	9%	10	20	190
39-3091	Amusement and Recreation Attendants	50	60	10	20%	10	20	190
39-9031	Fitness Trainers and Aerobics Instructors	40	50	10	25%	10	20	190
41-3011	Advertising Sales Agents	80	80	0	0%	20	20	190
41-9022	Real Estate Sales Agents	110	90	-20	-18%	20	20	190
43-4071	File Clerks	70	70	0	0%	20	20	190
43-4111	Interviewers, Except Eligibility and Loan	60	70	10	17%	20	20	190
43-4131	Loan Interviewers and Clerks	120	100	-20	-17%	20	20	190
43-4141	New Accounts Clerks	60	60	0	0%	20	20	190
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	80	80	0	0%	20	20	190
43-5031	Police, Fire, and Ambulance Dispatchers	70	70	0	0%	20	20	190
43-5032	Dispatchers, Except Police, Fire, and Ambulance	90	90	0	0%	20	20	190
43-5041	Meter Readers, Utilities	70	60	-10	-14%	20	20	190
43-5051	Postal Service Clerks	70	60	-10	-14%	20	20	190
43-9022	Word Processors and Typists	70	40	-30	-43%	20	20	190
43-9071	Office Machine Operators, Except Computer	70	60	-10	-14%	20	20	190
47-2071	Paving, Surfacing, and Tamping Equipment Operators	50	50	0	0%	10	20	190
47-2081	Drywall and Ceiling Tile Installers	80	80	0	0%	20	20	190
47-2151	Pipelayers	50	50	0	0%	10	20	190
47-3012	Helpers--Carpenters	40	40	0	0%	20	20	190
47-4031	Fence Erectors	60	70	10	17%	10	20	190
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	70	80	10	14%	20	20	190
49-3093	Tire Repairers and Changers	50	40	-10	-20%	20	20	190
49-9044	Millwrights	70	70	0	0%	20	20	190
49-9051	Electrical Power-Line Installers and Repairers	80	70	-10	-13%	20	20	190
51-2023	Electromechanical Equipment Assemblers	100	80	-20	-20%	20	20	190
51-3011	Bakers	70	70	0	0%	20	20	190
51-3021	Butchers and Meat Cutters	70	60	-10	-14%	20	20	190
51-5011	Bindery Workers	90	70	-20	-22%	20	20	190
51-5022	Prepress Technicians and Workers	100	90	-10	-10%	20	20	190
51-9022	Grinding and Polishing Workers, Hand	40	50	10	25%	10	20	190
51-9122	Painters, Transportation Equipment	50	50	0	0%	10	20	190

53-1011 Aircraft Cargo Handling Supervisors	60	70	10	17%	10	20	190
53-2021 Air Traffic Controllers	70	70	0	0%	20	20	190
11-2021 Marketing Managers	70	60	-10	-14%	10	10	258
11-3040 Human Resources Managers	50	60	10	20%	10	10	258
11-3061 Purchasing Managers	40	40	0	0%	10	10	258
11-9011 Farm, Ranch, and Other Agricultural Managers	30	40	10	33%	10	10	258
11-9033 Education Administrators, Postsecondary	40	40	0	0%	10	10	258
11-9061 Funeral Directors	20	20	0	0%	10	10	258
11-9121 Natural Sciences Managers	20	20	0	0%	0	10	258
11-9131 Postmasters and Mail Superintendents	60	50	-10	-17%	10	10	258
11-9141 Property, Real Estate, and Community Association Managers	40	40	0	0%	10	10	258
11-9151 Social and Community Service Managers	40	50	10	25%	10	10	258
11-1031 Legislators	110	110	0	0%	10	10	258
13-1021 Purchasing Agents and Buyers, Farm Products	20	20	0	0%	10	10	258
13-1022 Wholesale and Retail Buyers, Except Farm Products	40	40	0	0%	10	10	258
13-1031 Claims Adjusters, Examiners, and Investigators	110	110	0	0%	10	10	258
13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	20	20	0	0%	10	10	258
15-1032 Computer Software Engineers, Systems Software	30	40	10	33%	0	10	258
15-1061 Database Administrators	30	30	0	0%	0	10	258
15-1081 Network Systems and Data Communications Analysts	30	40	10	33%	0	10	258
15-2041 Statisticians	30	30	0	0%	10	10	258
17-1011 Architects, Except Landscape and Naval	20	20	0	0%	0	10	258
17-1022 Surveyors	20	20	0	0%	10	10	258
17-2051 Civil Engineers	50	60	10	20%	10	10	258
17-2072 Electronics Engineers, Except Computer	20	30	10	50%	0	10	258
17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	20	20	0	0%	10	10	258
17-3013 Mechanical Drafters	30	30	0	0%	10	10	258
17-3026 Industrial Engineering Technicians	20	20	0	0%	0	10	258
19-1022 Microbiologists	20	30	10	50%	10	10	258
19-1042 Medical Scientists, Except Epidemiologists	40	50	10	25%	10	10	258
19-3021 Market Research Analysts	40	40	0	0%	10	10	258
19-3051 Urban and Regional Planners	20	20	0	0%	10	10	258
21-1091 Health Educators	20	20	0	0%	0	10	258
21-1092 Probation Officers and Correctional Treatment Specialists	20	30	10	50%	0	10	258
23-2091 Court Reporters	30	30	0	0%	0	10	258
23-2093 Title Examiners, Abstractors, and Searchers	60	60	0	0%	10	10	258
25-1022 Mathematical Science Teachers, Postsecondary	20	30	10	50%	10	10	258
25-1081 Education Teachers, Postsecondary	30	30	0	0%	10	10	258
25-1111 Criminal Justice and Law Enforcement Teachers, Postsecondary	20	20	0	0%	0	10	258
25-4010 Archivists, Curators, and Museum Technicians	20	30	10	50%	10	10	258
27-1025 Interior Designers	20	20	0	0%	0	10	258
27-2012 Producers and Directors	50	40	-10	-20%	10	10	258
27-2022 Coaches and Scouts	40	50	10	25%	10	10	258
27-3041 Editors	40	40	0	0%	10	10	258
27-3042 Technical Writers	20	20	0	0%	10	10	258
27-3043 Writers and Authors	60	60	0	0%	10	10	258
27-4012 Broadcast Technicians	40	30	-10	-25%	10	10	258
27-4021 Photographers	50	50	0	0%	10	10	258
29-1041 Optometrists	20	20	0	0%	10	10	258
29-1067 Surgeons	50	50	0	0%	10	10	258
29-1071 Physician Assistants	20	30	10	50%	0	10	258
29-1131 Veterinarians	20	20	0	0%	10	10	258
29-2011 Medical and Clinical Laboratory Technologists	50	50	0	0%	10	10	258
29-2021 Dental Hygienists	30	40	10	33%	0	10	258
29-2032 Diagnostic Medical Sonographers	20	20	0	0%	0	10	258
29-2054 Respiratory Therapy Technicians	30	40	10	33%	0	10	258
29-2055 Surgical Technologists	60	60	0	0%	10	10	258
29-2081 Opticians, Dispensing	60	50	-10	-17%	10	10	258
29-9010 Occupational Health and Safety Specialists and Technicians	30	30	0	0%	10	10	258
29-9091 Athletic Trainers	20	30	10	50%	10	10	258
31-2021 Physical Therapist Assistants	40	40	0	0%	10	10	258
31-2022 Physical Therapist Aides	30	30	0	0%	0	10	258
31-9093 Medical Equipment Preparers	30	20	-10	-33%	10	10	258
31-9094 Medical Transcriptionists	70	70	0	0%	10	10	258
31-9095 Pharmacy Aides	50	40	-10	-20%	10	10	258
33-3021 Detectives and Criminal Investigators	40	40	0	0%	10	10	258
33-9021 Private Detectives and Investigators	20	20	0	0%	0	10	258

37-2021	Pest Control Workers	30	30	0	0%	10	10	258
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	30	30	0	0%	10	10	258
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	10	10	258
39-4021	Funeral Attendants	20	30	10	50%	10	10	258
39-5092	Manicurists and Pedicurists	20	20	0	0%	0	10	258
39-9041	Residential Advisors	30	30	0	0%	10	10	258
41-3031	Securities, Commodities, and Financial Services Sales Agents	70	60	-10	-14%	10	10	258
41-3041	Travel Agents	40	30	-10	-25%	10	10	258
41-9011	Demonstrators and Product Promoters	30	30	0	0%	10	10	258
41-9031	Sales Engineers	30	30	0	0%	10	10	258
43-3061	Procurement Clerks	50	50	0	0%	10	10	258
43-4021	Correspondence Clerks	20	10	-10	-50%	10	10	258
43-4031	Court, Municipal, and License Clerks	50	50	0	0%	10	10	258
43-4041	Credit Authorizers, Checkers, and Clerks	40	40	0	0%	10	10	258
43-4061	Eligibility Interviewers, Government Programs	20	10	-10	-50%	10	10	258
43-4121	Library Assistants, Clerical	20	20	0	0%	10	10	258
43-5021	Couriers and Messengers	50	40	-10	-20%	10	10	258
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	20	30	10	50%	10	10	258
43-9011	Computer Operators	50	40	-10	-20%	10	10	258
43-9041	Insurance Claims and Policy Processing Clerks	50	50	0	0%	10	10	258
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	40	30	-10	-25%	10	10	258
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	20	30	10	50%	10	10	258
45-2041	Graders and Sorters, Agricultural Products	50	40	-10	-20%	10	10	258
45-2091	Agricultural Equipment Operators	30	40	10	33%	10	10	258
45-2093	Farmworkers, Farm and Ranch Animals	50	40	-10	-20%	10	10	258
47-2011	Boilermakers	30	30	0	0%	10	10	258
47-2021	Brickmasons and Blockmasons	30	30	0	0%	0	10	258
47-2082	Tapers	20	20	0	0%	0	10	258
47-2161	Plasterers and Stucco Masons	60	60	0	0%	10	10	258
47-2221	Structural Iron and Steel Workers	50	50	0	0%	10	10	258
47-3013	Helpers--Electricians	30	30	0	0%	10	10	258
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	20	20	0	0%	10	10	258
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	20	10	-10	-50%	10	10	258
47-4011	Construction and Building Inspectors	30	30	0	0%	10	10	258
49-2011	Computer, Automated Teller, and Office Machine Repairers	50	50	0	0%	10	10	258
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	60	60	0	0%	10	10	258
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	20	30	10	50%	10	10	258
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	30	30	0	0%	10	10	258
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	20	20	0	0%	0	10	258
49-3011	Aircraft Mechanics and Service Technicians	60	60	0	0%	10	10	258
49-3022	Automotive Glass Installers and Repairers	30	30	0	0%	10	10	258
49-3041	Farm Equipment Mechanics	40	40	0	0%	10	10	258
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	40	40	0	0%	10	10	258
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	20	20	0	0%	10	10	258
49-9095	Manufactured Building and Mobile Home Installers	30	30	0	0%	10	10	258
51-3092	Food Batchmakers	20	20	0	0%	10	10	258
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Pl	70	60	-10	-14%	10	10	258
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	40	40	0	0%	10	10	258
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	60	60	0	0%	10	10	258
51-4071	Foundry Mold and Coremakers	20	10	-10	-50%	10	10	258
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	20	20	0	0%	10	10	258
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	20	20	0	0%	10	10	258
51-4194	Tool Grinders, Filers, and Sharpeners	20	20	0	0%	10	10	258
51-6021	Pressers, Textile, Garment, and Related Materials	40	40	0	0%	10	10	258
51-6031	Sewing Machine Operators	50	50	0	0%	10	10	258
51-6052	Tailors, Dressmakers, and Custom Sewers	40	40	0	0%	10	10	258
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	40	30	-10	-25%	10	10	258
51-8021	Stationary Engineers and Boiler Operators	70	60	-10	-14%	10	10	258
51-8092	Gas Plant Operators	30	30	0	0%	10	10	258
51-9011	Chemical Equipment Operators and Tenders	30	30	0	0%	10	10	258
51-9123	Painting, Coating, and Decorating Workers	30	30	0	0%	10	10	258
51-9132	Photographic Processing Machine Operators	20	20	0	0%	10	10	258
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	30	30	0	0%	10	10	258
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	20	20	0	0%	10	10	258
53-2012	Commercial Pilots	20	20	0	0%	0	10	258
53-3041	Taxi Drivers and Chauffeurs	30	40	10	33%	0	10	258
53-6031	Service Station Attendants	30	20	-10	-33%	10	10	258

53-7032	Excavating and Loading Machine and Dragline Operators	40	40	0	0%	10	10	258
11-2011	Advertising and Promotions Managers	20	20	0	0%	0	0	391
11-2031	Public Relations Managers	20	20	0	0%	0	0	391
11-9081	Lodging Managers	30	30	0	0%	0	0	391
13-2031	Budget Analysts	20	20	0	0%	0	0	391
17-3011	Architectural and Civil Drafters	20	20	0	0%	0	0	391
21-2011	Clergy	20	10	-10	-50%	0	0	391
23-1023	Judges, Magistrate Judges, and Magistrates	20	20	0	0%	0	0	391
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	0%	0	0	391
27-1023	Floral Designers	30	30	0	0%	0	0	391
27-2042	Musicians and Singers	20	20	0	0%	0	0	391
27-3020	News Analysts, Reporters and Correspondents	20	20	0	0%	0	0	391
27-4031	Camera Operators, Television, Video, and Motion Picture	20	10	-10	-50%	0	0	391
27-4032	Film and Video Editors	20	20	0	0%	0	0	391
31-1013	Psychiatric Aides	20	20	0	0%	0	0	391
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	20	20	0	0%	0	0	391
33-3031	Fish and Game Wardens	20	20	0	0%	0	0	391
43-4011	Brokerage Clerks	20	20	0	0%	0	0	391
43-9081	Proofreaders and Copy Markers	20	20	0	0%	0	0	391
45-4023	Log Graders and Scalars	20	20	0	0%	0	0	391
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	391
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	391
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	20	20	0	0%	0	0	391
51-9141	Semiconductor Processors	20	20	0	0%	0	0	391

- 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.