

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Advanced Manufacturing	Team Assemblers	512092	265	0	8	12	19	71	25	4
Advanced Manufacturing	Maintenance and Repair Workers, General	499042	174	10	9	15	24	58	36	6
Advanced Manufacturing	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Advanced Manufacturing	Graphic Designers	271024	95	10	12	19	34	14	31	55
Advanced Manufacturing	Industrial Engineers	172112	89	20	22	33	49	8	19	73
Advanced Manufacturing	Industrial Machinery Mechanics	499041	67	9	13	20	30	56	39	5
Advanced Manufacturing	Purchasing Agents, Except Wholesale, Retail, and Farm Products	131023	62	0	15	24	40	22	36	42
Advanced Manufacturing	Mechanical Engineers	172141	58	4	22	34	50	4	18	78
Advanced Manufacturing	Helpers--Installation, Maintenance, and Repair Workers	499098	58	12	7	11	18	79	21	0
Advanced Manufacturing	Engineering Managers	119041	51	7	32	51	>70	4	12	84
Advanced Manufacturing	Electrical Engineers	172071	45	6	24	37	55	3	17	80
Advanced Manufacturing	Environmental Scientists and Specialists, Including Health	192041	42	25	17	27	46	0	7	93
Advanced Manufacturing	Mobile Heavy Equipment Mechanics, Except Engines	493042	42	12	13	19	28	62	35	3
Advanced Manufacturing	Biological Technicians	194021	41	16	11	17	28	14	26	60
Advanced Manufacturing	Electrical and Electronic Engineering Technicians	173023	39	4	14	24	35	27	55	18
Advanced Manufacturing	Electronics Engineers, Except Computer	172072	37	4	25	39	58	3	17	80
Advanced Manufacturing	Electrical and Electronics Repairers, Commercial and Industrial Equipment	492094	33	7	13	22	31	50	50	0
Advanced Manufacturing	Chemists	192031	30	9	17	29	51	0	7	93
Advanced Manufacturing	Logisticians	131081	27	17	19	30	47	19	38	43
Advanced Manufacturing	Mechanical Drafters	173013	26	5	14	21	33	13	62	25
Advanced Manufacturing	Sales Engineers	419031	26	9	23	37	61	0	16	84
Advanced Manufacturing	Computer, Automated Teller, and Office Machine Repairers	492011	26	3	11	18	27	23	53	24
Advanced Manufacturing	Chemical Technicians	194031	24	6	12	19	29	30	33	37
Advanced Manufacturing	Environmental Science and Protection Technicians, Including Health	194091	24	28	11	18	29	19	35	46
Advanced Manufacturing	Technical Writers	273042	24	20	17	28	44	7	19	74
Advanced Manufacturing	Purchasing Managers	113061	22	3	22	39	63	15	28	57
Advanced Manufacturing	Industrial Engineering Technicians	173026	22	10	15	23	38	27	55	18
Advanced Manufacturing	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	514081	20	0	9	15	24	73	24	3
Advanced Manufacturing	Medical Equipment Repairers	499062	19	22	11	20	32	28	57	15
Advanced Manufacturing	Commercial and Industrial Designers	271021	16	7	15	26	45	14	31	55
Advanced Manufacturing	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	514122	13	3	10	15	25	73	25	2
Advanced Manufacturing	Molders, Shapers, and Casters, Except Metal and Plastic	519195	13	1	8	12	19	69	21	10
Advanced Manufacturing	Mechanical Engineering Technicians	173027	12	6	14	22	34	27	55	18

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Advanced Manufacturing	Medical Equipment Preparers	319093	12	14	9	12	18	31	59	10
Advanced Manufacturing	Electrical and Electronics Drafters	173012	11	4	14	23	36	13	62	25
Advanced Manufacturing	Chemical Engineers	172041	10	8	24	38	57	0	6	94

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Aerospace	Maintenance and Repair Workers, General	499042	174	10	9	15	24	58	36	6
Aerospace	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Aerospace	Industrial Engineers	172112	89	20	22	33	49	8	19	73
Aerospace	Industrial Machinery Mechanics	499041	67	9	13	20	30	56	39	5
Aerospace	Purchasing Agents, Except Wholesale, Retail, and Farm Products	131023	62	0	15	24	40	22	36	42
Aerospace	Mechanical Engineers	172141	58	4	22	34	50	4	18	78
Aerospace	Engineering Managers	119041	51	7	32	51	>70	4	12	84
Aerospace	Electrical Engineers	172071	45	6	24	37	55	3	17	80
Aerospace	Electrical and Electronic Engineering Technicians	173023	39	4	14	24	35	27	55	18
Aerospace	Electronics Engineers, Except Computer	172072	37	4	25	39	58	3	17	80
Aerospace	Airline Pilots, Copilots, and Flight Engineers	532011	33	13	50470	141090	>70	6	21	73
Aerospace	Logisticians	131081	27	17	19	30	47	19	38	43
Aerospace	Aerospace Engineers	172011	27	10	29	42	60	3	10	87
Aerospace	Mechanical Drafters	173013	26	5	14	21	33	13	62	25
Aerospace	Sales Engineers	419031	26	9	23	37	61	0	16	84
Aerospace	Aircraft Mechanics and Service Technicians	493011	25	11	15	23	35	33	57	10
Aerospace	Purchasing Managers	113061	22	3	22	39	63	15	28	57
Aerospace	Industrial Engineering Technicians	173026	22	10	15	23	38	27	55	18
Aerospace	Mechanical Engineering Technicians	173027	12	6	14	22	34	27	55	18
Aerospace	Commercial Pilots	532012	12	13	28450	57480	115220	6	21	73
Aerospace	Electrical and Electronics Drafters	173012	11	4	14	23	36	13	62	25
Aerospace	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	512011	9	13	12	22	29	62	38	0

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Automotive	Retail Salespersons	412031	1935	12	7	10	18	38	37	25
Automotive	Automotive Service Technicians and Mechanics	493023	265	14	9	16	27	62	34	4
Automotive	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	491011	143	7	16	26	40	43	44	13
Automotive	Sales Managers	112022	103	10	22	44	>70	9	22	69
Automotive	Bus and Truck Mechanics and Diesel Engine Specialists	493031	91	11	12	18	27	66	31	3
Automotive	Automotive Body and Related Repairers	493021	64	12	10	17	29	74	23	3
Automotive	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	531021	60	12	12	19	31	47	37	16
Automotive	Helpers--Installation, Maintenance, and Repair Workers	499098	58	12	7	11	18	79	21	0
Automotive	Tire Repairers and Changers	493093	42	20	7	10	16	74	20	6
Automotive	Painters, Transportation Equipment	519122	15	8	11	17	28	75	21	4
Automotive	Automotive Glass Installers and Repairers	493022	13	19	9	15	22	77	23	0

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Biotechnology	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Biotechnology	Veterinary Technologists and Technicians	292056	51	41	9	13	19	27	57	16
Biotechnology	Medical and Clinical Laboratory Technologists	292011	46	12	17	24	33	14	35	51
Biotechnology	Medical and Clinical Laboratory Technicians	292012	46	15	11	16	24	14	35	51
Biotechnology	Medical Scientists, Except Epidemiologists	191042	45	20	17	30	57	0	1	99
Biotechnology	Biological Technicians	194021	41	16	11	17	28	14	26	60
Biotechnology	Veterinarians	291131	34	35	21	35	64	0	0	100
Biotechnology	Chemists	192031	30	9	17	29	51	0	7	93
Biotechnology	Chemical Technicians	194031	24	6	12	19	29	30	33	37
Biotechnology	Industrial Engineering Technicians	173026	22	10	15	23	38	27	55	18
Biotechnology	Veterinary Assistants and Laboratory Animal Caretakers	319096	21	16	7	10	14	31	59	10
Biotechnology	Natural Sciences Managers	119121	14	11	29	48	>70	0	0	100
Biotechnology	Medical Equipment Preparers	319093	12	14	9	12	18	31	59	10
Biotechnology	Statistical Assistants	439111	12	8	10	15	23	24	47	29
Biotechnology	Chemical Engineers	172041	10	8	24	38	57	0	6	94
Biotechnology	Biochemists and Biophysicists	191021	7	16	20	37	62	0	5	95
Biotechnology	Biomedical Engineers	172031	6	21	22	36	56	0	18	82
Biotechnology	Agricultural and Food Science Technicians	194011	6	7	10	15	24	43	26	31
Biotechnology	Microbiologists	191022	5	11	17	28	52	0	5	95

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Construction	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	414012	476	8	13	24	49	21	28	51
Construction	Carpenters	472031	348	10	11	18	30	73	22	5
Construction	Electricians	472111	234	7	13	21	35	51	42	7
Construction	Construction Laborers	472061	227	11	8	13	24	79	17	4
Construction	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	471011	178	9	16	26	42	60	30	10
Construction	Maintenance and Repair Workers, General	499042	174	10	9	15	24	58	36	6
Construction	Plumbers, Pipefitters, and Steamfitters	472152	157	11	12	21	35	68	29	3
Construction	Construction Managers	119021	152	16	21	35	65	40	31	29
Construction	Painters, Construction and Maintenance	472141	137	12	10	15	26	76	18	6
Construction	Operating Engineers and Other Construction Equipment Operators	472073	118	8	12	18	31	78	20	2
Construction	Civil Engineers	172051	114	18	22	33	50	3	10	87
Construction	Welders, Cutters, Solderers, and Brazers	514121	107	5	10	15	23	73	25	2
Construction	Industrial Engineers	172112	89	20	22	33	49	8	19	73
Construction	Cement Masons and Concrete Finishers	472051	89	11	10	16	27	86	12	2
Construction	Cost Estimators	131051	86	19	15	25	42	28	40	32
Construction	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	499021	77	9	11	18	29	58	39	3
Construction	Sheet Metal Workers	472211	59	7	10	18	32	63	33	4
Construction	Helpers--Installation, Maintenance, and Repair Workers	499098	58	12	7	11	18	79	21	0
Construction	Mechanical Engineers	172141	58	4	22	34	50	4	18	78
Construction	Roofers	472181	58	14	10	16	27	86	11	3
Construction	Engineering Managers	119041	51	7	32	51	>70	4	12	84
Construction	Telecommunications Line Installers and Repairers	499052	50	5	12	22	33	48	44	8
Construction	Architects, Except Landscape and Naval	171011	48	18	19	31	50	2	10	88
Construction	Brickmasons and Blockmasons	472021	48	10	12	21	32	82	15	3
Construction	Cabinetmakers and Bench Carpenters	517011	48	3	8	13	21	72	24	4
Construction	Environmental Scientists and Specialists, Including Health	192041	42	25	17	27	46	0	7	93
Construction	Mobile Heavy Equipment Mechanics, Except Engines	493042	42	12	13	19	28	62	35	3
Construction	Helpers-Carpenters	473012	40	12	8	11	16	84	13	3
Construction	Construction and Building Inspectors	474011	40	18	14	22	35	31	46	23
Construction	Electrical and Electronic Engineering Technicians	173023	39	4	14	24	35	27	55	18
Construction	Drywall and Ceiling Tile Installers	472081	39	7	11	17	29	85	13	2
Construction	Highway Maintenance Workers	474051	39	9	10	15	23	69	26	5
Construction	Helpers-Electricians	473013	34	7	8	11	17	84	13	3

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Construction	Surveyors	171022	33	24	13	23	38	0	18	82
Construction	Helpers-Pipelayers, Plumbers, Pipefitters, and Steamfitters	473015	32	12	8	12	17	84	13	3
Construction	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	517042	31	6	8	12	17	83	17	0
Construction	Environmental Engineers	172081	30	25	21	34	51	0	10	90
Construction	Surveying and Mapping Technicians	173031	29	19	10	16	26	42	51	7
Construction	Structural Iron and Steel Workers	472221	28	6	11	19	35	68	29	3
Construction	Logisticians	131081	27	17	19	30	47	19	38	43
Construction	Civil Engineering Technicians	173022	27	10	12	20	30	27	55	18
Construction	Mechanical Drafters	173013	26	5	14	21	33	13	62	25
Construction	Environmental Science and Protection Technicians, Including Health	194091	24	28	11	18	29	19	35	46
Construction	Technical Writers	273042	24	20	17	28	44	7	19	74
Construction	Tile and Marble Setters	472044	24	15	10	18	30	80	17	3
Construction	Helpers-Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	473011	24	11	9	12	20	84	13	3
Construction	Pipelayers	472151	20	9	10	15	26	68	29	3
Construction	Paving, Surfacing, and Tamping Equipment Operators	472071	19	9	10	15	25	84	16	0
Construction	Plasterers and Stucco Masons	472161	19	8	11	17	27	88	12	0
Construction	Glaziers	472121	16	12	10	17	31	73	27	0
Construction	Geoscientists, Except Hydrologists and Geographers	192042	15	22	19	35	65	0	7	93
Construction	Urban and Regional Planners	193051	15	15	17	27	42	0	0	100
Construction	Sawing Machine Setters, Operators, and Tenders, Wood	517041	15	4	8	12	17	85	15	0
Construction	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	514122	13	3	10	15	25	73	25	2
Construction	Hazardous Materials Removal Workers	474041	13	11	11	17	28	63	28	9
Construction	Mechanical Engineering Technicians	173027	12	6	14	22	34	27	55	18
Construction	Electrical and Electronics Drafters	173012	11	4	14	23	36	13	62	25
Construction	Tapers	472082	11	7	12	20	31	85	13	2
Construction	Reinforcing Iron and Rebar Workers	472171	11	12	10	18	34	84	16	0
Construction	Insulation Workers, Floor, Ceiling, and Wall	472131	10	8	9	15	28	82	18	0
Construction	Millwrights	499044	10	6	14	22	34	55	45	0

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Education	Child Care Workers	399011	646	18	6	8	13	48	38	14
Education	Elementary School Teachers, Except Special Education	252021	545	14	30370	45570	72720	0	5	95
Education	Secondary School Teachers, Except Special and Vocational Education	252031	368	6	31760	47740	76100	1	4	95
Education	Teacher Assistants	259041	350	10	13910	20740	31610	37	45	18
Education	Middle School Teachers, Except Special and Vocational Education	252022	217	11	31450	46300	73350	0	5	95
Education	Preschool Teachers, Except Special Education	252011	187	26	7	11	19	20	38	42
Education	Social and Human Service Assistants	211093	153	34	8	12	20	16	26	58
Education	Child, Family, and School Social Workers	211021	114	19	12	18	30	7	16	77
Education	Special Education Teachers, Preschool, Kindergarten, and Elementary School	252041	92	20	31320	46360	73620	5	8	87
Education	Self-Enrichment Education Teachers	253021	88	23	9	16	32	17	29	54
Education	Training and Development Specialists	131073	84	18	13	23	39	14	30	56
Education	Educational, Vocational, and School Counselors	211012	84	13	13	23	37	9	18	73
Education	Education Administrators, Elementary and Secondary School	119032	80	8	51320	77740	112990	6	16	78
Education	Library Technicians	254031	69	8	8	13	21	46	28	26
Education	Kindergarten Teachers, Except Special Education	252012	56	16	28590	43580	71410	20	38	42
Education	Education Administrators, Postsecondary	119033	55	14	20	36	66	6	16	78
Education	Librarians	254021	49	4	15	24	36	0	15	85
Education	Instructional Coordinators	259031	47	22	14	25	42	4	17	79
Education	Library Assistants, Clerical	434121	46	8	7	10	17	19	44	37
Education	Special Education Teachers, Secondary School	252043	42	9	32760	48330	78020	5	8	87
Education	Special Education Teachers, Middle School	252042	39	16	32420	47650	801>70	5	8	87
Education	Education Administrators, Preschool and Child Care Center/Program	119031	29	24	12	18	34	6	16	78
Education	Adult Literacy, Remedial Education, and Ged Teachers and Instructors	253011	19	14	12	21	36	17	29	54

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Energy	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	471011	178	9	16	26	42	60	30	10
Energy	Plumbers, Pipefitters, and Steamfitters	472152	157	11	12	21	35	68	29	3
Energy	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Energy	Industrial Machinery Mechanics	499041	67	9	13	20	30	56	39	5
Energy	Service Station Attendants	536031	56	13	7	9	13	68	26	6
Energy	Electrical Engineers	172071	45	6	24	37	55	3	17	80
Energy	Electrical Power-Line Installers and Repairers	499051	43	7	14	24	34	56	38	6
Energy	Environmental Scientists and Specialists, Including Health	192041	42	25	17	27	46	0	7	93
Energy	Electrical and Electronic Engineering Technicians	173023	39	4	14	24	35	27	55	18
Energy	Electrical and Electronics Repairers, Commercial and Industrial Equipment	492094	33	7	13	22	31	50	50	0
Energy	Helpers-Pipelayers, Plumbers, Pipefitters, and Steamfitters	473015	32	12	8	12	17	84	13	3
Energy	Surveying and Mapping Technicians	173031	29	19	10	16	26	42	51	7
Energy	Sales Engineers	419031	26	9	23	37	61	0	16	84
Energy	Pipelayers	472151	20	9	10	15	26	68	29	3
Energy	Excavating and Loading Machine and Dragline Operators	537032	19	8	11	16	26	79	18	3
Energy	Geoscientists, Except Hydrologists and Geographers	192042	15	22	19	35	65	0	7	93
Energy	Power Plant Operators	518013	13	3	17	26	36	36	44	20
Energy	Electrical and Electronics Drafters	173012	11	4	14	23	36	13	62	25
Energy	Chemical Engineers	172041	10	8	24	38	57	0	6	94

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Financial Services	Customer Service Representatives	434051	1158	25	9	14	22	34	44	22
Financial Services	Bookkeeping, Accounting, and Auditing Clerks	433031	594	12	10	15	22	34	50	16
Financial Services	Accountants and Auditors	132011	450	18	17	26	45	4	17	79
Financial Services	Tellers	433071	347	13	8	11	14	39	45	16
Financial Services	Bill and Account Collectors	433011	165	23	10	14	21	38	49	13
Financial Services	Securities, Commodities, and Financial Services Sales Agents	413031	161	25	15	33	>70	10	23	67
Financial Services	Insurance Sales Agents	413021	151	13	12	21	55	18	37	45
Financial Services	Financial Managers	113031	138	13	24	44	>70	13	27	60
Financial Services	Claims Adjusters, Examiners, and Investigators	131031	105	9	15	24	38	18	35	47
Financial Services	Billing and Posting Clerks and Machine Operators	433021	93	4	10	14	20	36	49	15
Financial Services	Personal Financial Advisors	132052	88	41	16	32	>70	4	15	81
Financial Services	Financial Analysts	132051	87	34	19	32	63	3	10	87
Financial Services	Loan Officers	132072	83	11	14	25	51	16	35	49
Financial Services	Market Research Analysts	193021	63	20	16	28	54	4	14	82
Financial Services	Payroll and Timekeeping Clerks	433051	61	3	10	16	22	33	50	17
Financial Services	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	131041	39	5	13	23	39	14	28	58
Financial Services	Brokerage Clerks	434011	38	20	12	18	28	24	45	31
Financial Services	Insurance Underwriters	132053	35	6	16	25	44	16	32	52
Financial Services	Credit Analysts	132041	27	2	15	25	48	15	25	60
Financial Services	Budget Analysts	132031	19	7	19	30	45	4	18	78
Financial Services	Statistical Assistants	439111	12	8	10	15	23	24	47	29
Financial Services	Actuaries	152011	11	24	22	40	>70	0	1	99

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Geospatial Technology	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Geospatial Technology	Mechanical Engineers	172141	58	4	22	34	50	4	18	78
Geospatial Technology	Engineering Managers	119041	51	7	32	51	>70	4	12	84
Geospatial Technology	Electrical Engineers	172071	45	6	24	37	55	3	17	80
Geospatial Technology	Architectural and Civil Drafters	173011	40	6	13	20	30	13	62	25
Geospatial Technology	Electrical and Electronic Engineering Technicians	173023	39	4	14	24	35	27	55	18
Geospatial Technology	Electronics Engineers, Except Computer	172072	37	4	25	39	58	3	17	80
Geospatial Technology	Transportation, Storage, and Distribution Managers	113071	36	8	21	35	58	39	36	25
Geospatial Technology	Electrical and Electronics Repairers, Commercial and Industrial Equipment	492094	33	7	13	22	31	50	50	0
Geospatial Technology	Surveyors	171022	33	24	13	23	38	0	18	82
Geospatial Technology	Surveying and Mapping Technicians	173031	29	19	10	16	26	42	51	7
Geospatial Technology	Civil Engineering Technicians	173022	27	10	12	20	30	27	55	18
Geospatial Technology	Sales Engineers	419031	26	9	23	37	61	0	16	84
Geospatial Technology	Industrial Engineering Technicians	173026	22	10	15	23	38	27	55	18
Geospatial Technology	Geoscientists, Except Hydrologists and Geographers	192042	15	22	19	35	65	0	7	93
Geospatial Technology	Urban and Regional Planners	193051	15	15	17	27	42	0	0	100
Geospatial Technology	Mechanical Engineering Technicians	173027	12	6	14	22	34	27	55	18
Geospatial Technology	Electrical and Electronics Drafters	173012	11	4	14	23	36	13	62	25
Geospatial Technology	Cartographers and Photogrammetrists	171021	6	20	15	23	39	0	18	82

INDUSTRY	TITLE	SOC CODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Health Care	Registered Nurses	291111	1001	23	19	28	40	1	43	56
Health Care	Personal and Home Care Aides	399021	519	51	6	9	12	59	32	9
Health Care	Home Health Aides	311011	454	49	7	9	13	55	38	7
Health Care	Nursing Aides, orderlies, and Attendants	311012	393	18	8	11	15	55	38	7
Health Care	Licensed Practical and Licensed Vocational Nurses	292061	309	14	13	18	24	21	72	7
Health Care	Physicians and Surgeons	291069	204	14	22	>70	>70	0	0	100
Health Care	Medical Assistants	319092	199	35	9	13	18	31	59	10
Health Care	Pharmacy Technicians	292052	178	32	9	12	18	27	57	16
Health Care	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Health Care	Medical Secretaries	436013	133	17	10	14	20	33	49	18
Health Care	Dental Assistants	319091	130	29	10	15	21	34	58	8
Health Care	Fitness Trainers and Aerobics Instructors	399031	107	27	7	12	27	21	32	47
Health Care	Pharmacists	291051	95	22	33	45	57	0	3	97
Health Care	Medical and Health Services Managers	119111	92	16	22	35	61	11	32	57
Health Care	Dental Hygienists	292021	82	30	19	30	42	3	64	33
Health Care	Medical Records and Health Information Technicians	292071	76	18	9	13	22	37	51	12
Health Care	Physical Therapists	291123	68	27	22	32	46	2	9	89
Health Care	Mental Health and Substance Abuse Social Workers	211023	62	30	11	17	28	7	16	77
Health Care	Emergency Medical Technicians and Paramedics	292041	62	19	8	13	22	18	68	14
Health Care	Rehabilitation Counselors	211015	60	23	9	14	26	9	18	73
Health Care	Medical and Public Health Social Workers	211022	56	24	13	21	31	7	16	77
Health Care	Radiologic Technologists and Technicians	292034	56	15	16	23	33	7	68	25
Health Care	Mental Health Counselors	211014	50	30	11	17	29	9	18	73
Health Care	Clinical, Counseling, and School Psychologists	193031	47	16	17	29	49	0	1	99
Health Care	Surgical Technologists	292055	47	24	12	17	25	27	57	16
Health Care	Medical and Clinical Laboratory Technologists	292011	46	12	17	24	33	14	35	51
Health Care	Medical and Clinical Laboratory Technicians	292012	46	15	11	16	24	14	35	51
Health Care	Medical Scientists, Except Epidemiologists	191042	45	20	17	30	57	0	1	99
Health Care	Substance Abuse and Behavioral Disorder Counselors	211011	45	34	11	16	25	9	18	73
Health Care	Biological Technicians	194021	41	16	11	17	28	14	26	60
Health Care	Dentists, General	291021	39	9	33	64	>70	0	0	100
Health Care	Respiratory Therapists	291126	38	23	17	23	31	1	71	28
Health Care	Occupational Therapists	291122	37	23	20	29	43	0	10	90

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Health Care	Massage Therapists	319011	37	20	7	16	34	19	49	32
Health Care	Physician Assistants	291071	27	27	21	36	49	8	26	66
Health Care	Opticians, Dispensing	292081	27	9	9	15	23	29	56	15
Health Care	Physical Therapist Assistants	312021	27	32	13	20	28	12	65	23
Health Care	Sales Engineers	419031	26	9	23	37	61	0	16	84
Health Care	Medical Transcriptionists	319094	26	14	10	14	20	31	59	10
Health Care	Health Educators	211091	23	26	12	20	35	16	26	58
Health Care	Medical Equipment Repairers	499062	19	22	11	20	32	28	57	15
Health Care	Dietitians and Nutritionists	291031	19	9	14	23	33	15	14	71
Health Care	Cardiovascular Technologists and Technicians	292031	18	26	11	20	32	7	68	25
Health Care	Physical Therapist Aides	312022	17	24	8	11	16	12	65	23
Health Care	Diagnostic Medical Sonographers	292032	15	19	20	27	37	7	68	25
Health Care	Chiropractors	291011	13	14	16	31	>70	0	0	100
Health Care	Medical Equipment Preparers	319093	12	14	9	12	18	31	59	10
Health Care	Marriage and Family Therapists	211013	12	30	12	21	33	9	18	73
Health Care	Occupational Health and Safety Specialists	299011	12	8	17	28	42	9	19	72
Health Care	Dental Laboratory Technicians	519081	12	4	9	16	26	43	46	11
Health Care	Dietetic Technicians	292051	11	15	8	12	19	27	57	16
Health Care	Occupational Therapist Assistants	312011	10	25	13	20	28	0	87	13

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Homeland Security	Security Guards	339032	387	17	7	10	17	46	42	12
Homeland Security	Police and Sheriff's Patrol Officers	333051	243	11	13	23	35	16	52	32
Homeland Security	Fire Fighters	332011	142	12	10	20	32	23	59	18
Homeland Security	Emergency Medical Technicians and Paramedics	292041	62	19	8	13	22	18	68	14
Homeland Security	Detectives and Criminal Investigators	333021	42	17	17	28	45	10	36	54
Homeland Security	First-Line Supervisors/Managers of Police and Detectives	331012	38	9	20	33	50	18	49	33
Homeland Security	Police, Fire, and Ambulance Dispatchers	435031	38	14	10	15	23	44	45	11
Homeland Security	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	331021	22	11	18	30	47	18	65	17
Homeland Security	Private Detectives and Investigators	339021	19	18	9	16	31	18	30	52
Homeland Security	Security and Fire Alarm Systems Installers	492098	19	20	11	17	26	48	44	8
Homeland Security	Transportation Inspectors	536051	13	16	12	24	46	45	40	15
Homeland Security	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	533011	7	22	7	10	15	58	42	0
Homeland Security	Emergency Management Specialists	131061	3	12	12	23	39	18	33	49

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Hospitality	Waiters and Waitresses	353031	1537	11	6	7	12	51	35	14
Hospitality	Combined Food Preparation and Serving Workers, Including Fast Food	353021	927	18	6	7	10	71	24	5
Hospitality	Maids and Housekeeping Cleaners	372012	463	13	6	8	13	81	15	4
Hospitality	Food Preparation Workers	352021	451	15	6	8	12	74	19	7
Hospitality	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	353022	424	10	6	8	11	73	19	8
Hospitality	Landscaping and Groundskeeping Workers	373011	382	18	7	10	16	78	17	5
Hospitality	Cooks, Restaurant	352014	328	12	7	10	14	77	19	4
Hospitality	Counter and Rental Clerks	412021	291	23	7	9	18	53	31	16
Hospitality	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	359031	277	10	6	8	11	51	33	16
Hospitality	Dishwashers	359021	265	10	6	8	10	87	10	3
Hospitality	Bartenders	353011	236	11	6	8	14	42	41	17
Hospitality	Cooks, Fast Food	352011	223	8	6	7	10	77	19	4
Hospitality	Dining Room and Cafeteria Attendants and Bartender Helpers	359011	223	12	6	7	11	76	18	6
Hospitality	Amusement and Recreation Attendants	393091	182	24	6	8	12	46	32	22
Hospitality	Maintenance and Repair Workers, General	499042	174	10	9	15	24	58	36	6
Hospitality	First-Line Supervisors/Managers of Food Preparation and Serving Workers	351012	154	11	8	13	21	51	35	14
Hospitality	Cooks, Institution and Cafeteria	352012	152	11	6	10	15	77	19	4
Hospitality	Hotel, Motel, and Resort Desk Clerks	434081	127	17	7	9	13	44	42	14
Hospitality	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	339092	106	19	6	8	12	35	34	31
Hospitality	Recreation Workers	399032	101	13	7	10	17	21	32	47
Hospitality	Food Service Managers	119051	100	5	13	21	34	40	36	24
Hospitality	Ushers, Lobby Attendants, and Ticket Takers	393031	90	17	6	8	12	53	30	17
Hospitality	First-Line Supervisors/Managers of Personal Service Workers	391021	80	16	10	16	27	37	37	26
Hospitality	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	371011	77	13	9	15	25	58	32	10
Hospitality	Cooks, Short order	352015	62	5	6	9	13	77	19	4
Hospitality	Food Servers, Nonrestaurant	353041	59	16	6	9	14	64	27	9
Hospitality	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	371012	49	18	12	18	29	54	31	15
Hospitality	Reservation and Transportation Ticket Agents and Travel Clerks	434181	38	1	8	14	22	29	43	28
Hospitality	Gaming Dealers	393011	37	24	6	7	12	45	44	11
Hospitality	Tour Guides and Escorts	396021	25	21	7	10	17	36	36	28
Hospitality	Lodging Managers	119081	24	12	12	20	40	23	32	45
Hospitality	Chefs and Head Cooks	351011	23	8	10	17	29	48	39	13
Hospitality	Meeting and Convention Planners	131121	20	20	12	20	34	11	22	67

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Hospitality	Gaming Change Persons and Booth Cashiers	412012	15	7	7	10	15	63	28	9
Hospitality	Gaming Supervisors	391011	14	23	12	20	30	34	36	30
Hospitality	Locker Room, Coatroom, and Dressing Room Attendants	393093	14	22	7	9	13	46	32	22
Hospitality	Baggage Porters and Bellhops	396011	11	9	6	9	17	51	33	16

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Information Technology	Computer Software Engineers, Applications	151031	300	45	24	38	58	2	13	85
Information Technology	Computer Systems Analysts	151051	280	29	21	34	51	7	25	68
Information Technology	Computer Support Specialists	151041	242	13	12	20	33	13	44	43
Information Technology	Network Systems and Data Communications Analysts	151081	193	53	18	31	49	8	35	57
Information Technology	Network and Computer Systems Administrators	151071	154	27	19	30	47	8	42	50
Information Technology	Computer Software Engineers, Systems Software	151032	150	28	26	41	60	2	13	85
Information Technology	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Information Technology	Graphic Designers	271024	95	10	12	19	34	14	31	55
Information Technology	Industrial Engineers	172112	89	20	22	33	49	8	19	73
Information Technology	Computer and Information Systems Managers	113021	86	16	29	49	>70	5	23	72
Information Technology	Database Administrators	151061	47	29	18	31	50	5	24	71
Information Technology	Electrical Engineers	172071	45	6	24	37	55	3	17	80
Information Technology	Multi-Media Artists and Animators	271014	43	26	15	25	45	14	29	57
Information Technology	Electronics Engineers, Except Computer	172072	37	4	25	39	58	3	17	80
Information Technology	Computer Hardware Engineers	172061	28	5	26	43	65	7	23	70
Information Technology	Sales Engineers	419031	26	9	23	37	61	0	16	84
Information Technology	Computer, Automated Teller, and Office Machine Repairers	492011	26	3	11	18	27	23	53	24
Information Technology	Technical Writers	273042	24	20	17	28	44	7	19	74
Information Technology	Industrial Engineering Technicians	173026	22	10	15	23	38	27	55	18
Information Technology	Mechanical Engineering Technicians	173027	12	6	14	22	34	27	55	18
Information Technology	Computer and Information Scientists, Research	151011	12	22	26	45	>70	7	25	68

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Nanotechnology	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	414011	142	12	16	31	59	21	28	51
Nanotechnology	Industrial Engineers	172112	89	20	22	33	49	8	19	73
Nanotechnology	Mechanical Engineers	172141	58	4	22	34	50	4	18	78
Nanotechnology	Engineering Managers	119041	51	7	32	51	>70	4	12	84
Nanotechnology	Electrical Engineers	172071	45	6	24	37	55	3	17	80
Nanotechnology	Electrical and Electronic Engineering Technicians	173023	39	4	14	24	35	27	55	18
Nanotechnology	Electronics Engineers, Except Computer	172072	37	4	25	39	58	3	17	80
Nanotechnology	Electrical and Electronics Repairers, Commercial and Industrial Equipment	492094	33	7	13	22	31	50	50	0
Nanotechnology	Chemists	192031	30	9	17	29	51	0	7	93
Nanotechnology	Sales Engineers	419031	26	9	23	37	61	0	16	84
Nanotechnology	Mechanical Drafters	173013	26	5	14	21	33	13	62	25
Nanotechnology	Chemical Technicians	194031	24	6	12	19	29	30	33	37
Nanotechnology	Industrial Engineering Technicians	173026	22	10	15	23	38	27	55	18
Nanotechnology	Commercial and Industrial Designers	271021	16	7	15	26	45	14	31	55
Nanotechnology	Mechanical Engineering Technicians	173027	12	6	14	22	34	27	55	18
Nanotechnology	Electrical and Electronics Drafters	173012	11	4	14	23	36	13	62	25
Nanotechnology	Chemical Engineers	172041	10	8	24	38	57	0	6	94

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Retail	Retail Salespersons	412031	1935	12	7	10	18	38	37	25
Retail	Customer Service Representatives	434051	1158	25	9	14	22	34	44	22
Retail	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	414012	476	8	13	24	49	21	28	51
Retail	First-Line Supervisors/Managers of Retail Sales Workers	411011	423	4	10	16	29	39	37	24
Retail	Counter and Rental Clerks	412021	291	23	7	9	18	53	31	16
Retail	Sales Managers	112022	103	10	22	44	>70	9	22	69
Retail	Graphic Designers	271024	95	10	12	19	34	14	31	55
Retail	First-Line Supervisors/Managers of Personal Service Workers	391021	80	16	10	16	27	37	37	26
Retail	Market Research Analysts	193021	63	20	16	28	54	4	14	82
Retail	Marketing Managers	112021	61	14	25	47	>70	9	22	69
Retail	Demonstrators and Product Promoters	419011	49	18	8	11	19	38	36	26
Retail	Multi-Media Artists and Animators	271014	43	26	15	25	45	14	29	57
Retail	Wholesale and Retail Buyers, Except Farm Products	131022	35	0	13	21	40	28	36	36
Retail	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	419091	34	4	7	10	24	47	32	21
Retail	Merchandise Displayers and Window Trimmers	271026	32	11	8	11	20	14	31	55
Retail	Advertising and Promotions Managers	112011	13	6	17	35	>70	7	18	75

INDUSTRY	TITLE	SOCCODE	PROJECTED NEED (1000's)	PROJECTED GROWTH PERCENT	BOTTOM WAGE	MEDIAN WAGE	TOP WAGE	HIGH SCHOOL OR LESS PERCENT	SOME COLLEGE PERCENT	COLLEGE OR HIGHER PERCENT
Transportation	Laborers and Freight, Stock, and Material Movers, Hand	537062	823	2	7	10	17	72	24	4
Transportation	Truck Drivers, Heavy and Tractor-Trailer	533032	523	10	11	17	25	71	25	4
Transportation	Truck Drivers, Light or Delivery Services	533033	275	8	7	12	21	71	25	4
Transportation	Shipping, Receiving, and Traffic Clerks	435071	213	4	8	13	20	64	30	6
Transportation	Bus Drivers, School	533022	102	9	7	12	18	61	35	4
Transportation	Production, Planning, and Expediting Clerks	435061	92	4	11	19	28	30	40	30
Transportation	Bus and Truck Mechanics and Diesel Engine Specialists	493031	91	11	12	18	27	66	31	3
Transportation	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	531031	69	10	14	23	37	47	37	16
Transportation	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	531021	60	12	12	19	31	47	37	16
Transportation	Taxi Drivers and Chauffeurs	533041	59	13	7	10	16	57	28	15
Transportation	Dispatchers, Except Police, Fire, and Ambulance	435032	51	2	10	15	26	44	45	11
Transportation	Bus Drivers, Transit and Intercity	533021	51	13	9	15	24	61	35	4
Transportation	Reservation and Transportation Ticket Agents and Travel Clerks	434181	38	1	8	14	22	29	43	28
Transportation	Cargo and Freight Agents	435011	38	16	11	18	28	43	42	15
Transportation	Transportation, Storage, and Distribution Managers	113071	36	8	21	35	58	39	36	25
Transportation	Airline Pilots, Copilots, and Flight Engineers	532011	33	13	50470	141090	>70	6	21	73
Transportation	Flight Attendants	396031	27	11	24250	53780	99300	25	44	31
Transportation	Aircraft Mechanics and Service Technicians	493011	25	11	15	23	35	33	57	10
Transportation	Railroad Conductors and Yardmasters	534031	19	9	17	27	43	38	52	10
Transportation	Sailors and Marine Oilers	535011	17	16	9	15	24	57	26	17
Transportation	Painters, Transportation Equipment	519122	15	8	11	17	28	75	21	4
Transportation	Captains, Mates, and Pilots of Water Vessels	535021	15	18	14	26	43	55	24	21
Transportation	Transportation Inspectors	536051	13	16	12	24	46	45	40	15
Transportation	Commercial Pilots	532012	12	13	28450	57480	115220	6	21	73