

"Susceptibility Index" measuring how vulnerable jobs are to age-related decline in skills

Developed by the Center for Retirement Research at Boston College

(rank order from least susceptible to most susceptible)

Occupation Title	Rank	Percent rank
Compensation and Benefits Managers	1	0.10
Forestry and Conservation Science Teachers, Postsecondary	2	0.20
Foreign Language and Literature Teachers, Postsecondary	3	0.30
Mathematical Science Teachers, Postsecondary	4	0.40
Sociologists	5	0.50
Eligibility Interviewers, Government Programs	6	0.60
Natural Sciences Managers	7	0.70
Property, Real Estate, and Community Association Managers	8	0.80
Judicial Law Clerks	9	0.90
Agents and Business Managers of Artists, Performers, and Athletes	10	1.00
Sociology Teachers, Postsecondary	11	1.10
Political Science Teachers, Postsecondary	12	1.20
School Psychologists	13	1.30
Business Teachers, Postsecondary	14	1.40
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	15	1.50
Labor Relations Specialists	16	1.60
Budget Analysts	17	1.70
Animal Scientists	18	1.80
History Teachers, Postsecondary	19	1.90
Special Education Teachers, Middle School	20	2.00
Political Scientists	21	2.10
Counseling Psychologists	22	2.30
Payroll and Timekeeping Clerks	23	2.40
Brownfield Redevelopment Specialists and Site Managers	24	2.50
Home Economics Teachers, Postsecondary	25	2.60
Geography Teachers, Postsecondary	26	2.70
Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	27	2.80
Psychology Teachers, Postsecondary	28	2.90
Financial Analysts	29	3.00
Operations Research Analysts	30	3.10
Title Examiners, Abstractors, and Searchers	31	3.20
Economics Teachers, Postsecondary	32	3.30
Geographers	33	3.40
English Language and Literature Teachers, Postsecondary	34	3.50
Adult Basic and Secondary Education and Literacy Teachers and Instructors	35	3.60
Financial Examiners	36	3.70
Environmental Science Teachers, Postsecondary	37	3.80
Human Resources Assistants, Except Payroll and Timekeeping	38	3.90
Paralegals and Legal Assistants	39	4.00
Middle School Teachers, Except Special and Career/Technical Education	40	4.10
Copy Writers	41	4.20
Art, Drama, and Music Teachers, Postsecondary	42	4.30
Medical and Health Services Managers	43	4.50
Anthropology and Archeology Teachers, Postsecondary	44	4.60
Fraud Examiners, Investigators and Analysts	45	4.70
Real Estate Brokers	46	4.80

Fundraisers	47	4.90
Engineering Teachers, Postsecondary	48	5.00
Environmental Engineers	49	5.10
Law Teachers, Postsecondary	50	5.20
Interpreters and Translators	51	5.30
Loan Interviewers and Clerks	52	5.40
Information Technology Project Managers	53	5.50
Industrial Ecologists	54	5.60
Insurance Claims Clerks	55	5.70
Interior Designers	56	5.80
Anthropologists	57	5.90
Human Resources Specialists	58	6.00
Atmospheric and Space Scientists	59	6.10
Dietitians and Nutritionists	60	6.20
Lawyers	61	6.30
Logistics Managers	62	6.40
City and Regional Planning Aides	63	6.50
Sales Agents, Securities and Commodities	64	6.70
Credit Checkers	65	6.80
Insurance Sales Agents	66	6.90
Chemistry Teachers, Postsecondary	67	7.00
Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	68	7.10
Environmental Economists	69	7.20
Clinical Psychologists	70	7.30
Industrial-Organizational Psychologists	71	7.40
Biological Science Teachers, Postsecondary	72	7.50
Chief Executives	73	7.60
Talent Directors	74	7.70
Water Resource Specialists	75	7.80
Philosophy and Religion Teachers, Postsecondary	76	7.90
Industrial Engineers	77	8.00
Advertising Sales Agents	78	8.10
Validation Engineers	79	8.20
Climate Change Analysts	80	8.30
Public Relations Specialists	81	8.40
Producers	82	8.50
Reporters and Correspondents	83	8.60
Astronomers	84	8.70
Aerospace Engineers	85	8.90
Actuaries	86	9.00
Health Specialties Teachers, Postsecondary	87	9.10
Bill and Account Collectors	88	9.20
Education Teachers, Postsecondary	89	9.20
Urban and Regional Planners	90	9.40
Municipal Clerks	91	9.50
Energy Engineers	92	9.60
Cargo and Freight Agents	93	9.70
Procurement Clerks	94	9.80
Physics Teachers, Postsecondary	95	9.90
Social Work Teachers, Postsecondary	96	10.00
Market Research Analysts and Marketing Specialists	97	10.10

Risk Management Specialists	98	10.20
Customer Service Representatives	99	10.30
Loan Officers	100	10.40
Regulatory Affairs Managers	101	10.50
Receptionists and Information Clerks	102	10.60
Communications Teachers, Postsecondary	103	10.70
Telemarketers	104	10.80
Public Relations and Fundraising Managers	105	10.90
Chief Sustainability Officers	106	11.00
Water/Wastewater Engineers	107	11.20
Agricultural Engineers	108	11.30
Clinical Research Coordinators	109	11.40
Financial Managers, Branch or Department	110	11.50
Training and Development Specialists	111	11.60
Bookkeeping, Accounting, and Auditing Clerks	112	11.70
Advertising and Promotions Managers	113	11.80
Social and Community Service Managers	114	11.90
Travel Agents	115	12.00
Equal Opportunity Representatives and Officers	116	12.10
Business Intelligence Analysts	117	12.20
Purchasing Managers	118	12.30
Loan Counselors	119	12.40
Training and Development Managers	120	12.50
Directors, Religious Activities and Education	121	12.60
First-Line Supervisors of Non-Retail Sales Workers	122	12.70
Tutors	123	12.80
Library Science Teachers, Postsecondary	124	12.90
Petroleum Engineers	125	13.00
Transportation Managers	126	13.10
Supply Chain Managers	127	13.20
Biochemical Engineers	128	13.40
Broadcast News Analysts	129	13.50
Legal Secretaries	130	13.60
Credit Authorizers	131	13.70
Management Analysts	132	13.80
Epidemiologists	133	13.90
Personal Financial Advisors	134	14.00
Geneticists	135	14.10
Economists	136	14.20
Product Safety Engineers	137	14.30
Historians	138	14.40
Mental Health and Substance Abuse Social Workers	139	14.50
Education Administrators, Postsecondary	140	14.60
Sustainability Specialists	141	14.70
Radio and Television Announcers	142	14.80
Architecture Teachers, Postsecondary	143	14.90
Criminal Justice and Law Enforcement Teachers, Postsecondary	144	15.00
Freight Forwarders	145	15.10
Molecular and Cellular Biologists	146	15.20
Executive Secretaries and Executive Administrative Assistants	147	15.30
Investment Fund Managers	148	15.40

Credit Counselors	149	15.60
Court Clerks	150	15.70
Mental Health Counselors	151	15.80
Marketing Managers	152	15.90
Buyers and Purchasing Agents, Farm Products	153	16.00
Area, Ethnic, and Cultural Studies Teachers, Postsecondary	154	16.10
Statistical Assistants	155	16.20
Elementary School Teachers, Except Special Education	156	16.30
Instructional Coordinators	157	16.40
Auditors	158	16.50
Family and General Practitioners	159	16.60
Genetic Counselors	160	16.70
Administrative Law Judges, Adjudicators, and Hearing Officers	161	16.80
Transportation Planners	162	16.90
Recreation and Fitness Studies Teachers, Postsecondary	163	17.00
Customs Brokers	164	17.10
Preventive Medicine Physicians	165	17.20
Marriage and Family Therapists	166	17.30
Telephone Operators	167	17.40
Medical Scientists, Except Epidemiologists	168	17.50
Office Clerks, General	169	17.60
Architectural and Engineering Managers	170	17.80
Bioinformatics Scientists	171	17.90
Librarians	172	18.00
Geophysical Data Technicians	173	18.10
Order Clerks	174	18.20
Child, Family, and School Social Workers	175	18.30
Special Education Teachers, Secondary School	176	18.40
Treasurers and Controllers	177	18.50
Graduate Teaching Assistants	178	18.60
Agricultural Sciences Teachers, Postsecondary	179	18.70
Security Management Specialists	180	18.80
Geospatial Information Scientists and Technologists	181	18.90
New Accounts Clerks	182	19.00
Fire-Prevention and Protection Engineers	183	19.10
Health Educators	184	19.20
Speech-Language Pathology Assistants	185	19.30
Cost Estimators	186	19.40
Arbitrators, Mediators, and Conciliators	187	19.50
Survey Researchers	188	19.60
Insurance Underwriters	189	19.70
Human Resources Managers	190	19.80
Speech-Language Pathologists	191	20.00
Interviewers, Except Eligibility and Loan	192	20.10
Materials Scientists	193	20.20
Wholesale and Retail Buyers, Except Farm Products	194	20.30
Allergists and Immunologists	195	20.40
Securities and Commodities Traders	196	20.50
Tellers	197	20.60
Insurance Appraisers, Auto Damage	198	20.70
Search Marketing Strategists	199	20.80

Civil Engineers	200	20.90
Chemical Engineers	201	21.00
Gaming Cage Workers	202	21.10
Accountants	203	21.20
Psychiatrists	204	21.30
Food Scientists and Technologists	205	21.40
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	206	21.50
Distance Learning Coordinators	207	21.60
Compliance Managers	208	21.70
Brokerage Clerks	209	21.80
Computer Science Teachers, Postsecondary	210	21.90
Logistics Analysts	211	22.00
Landscape Architects	212	22.10
Pediatricians, General	213	22.30
Medical Secretaries	214	22.40
Biochemists and Biophysicists	215	22.50
First-Line Supervisors of Office and Administrative Support Workers	216	22.60
Education Administrators, Elementary and Secondary School	217	22.70
Clergy	218	22.80
License Clerks	219	22.90
Switchboard Operators, Including Answering Service	220	23.00
Regulatory Affairs Specialists	221	23.10
Neuropsychologists and Clinical Neuropsychologists	222	23.20
Hotel, Motel, and Resort Desk Clerks	223	23.30
Compensation, Benefits, and Job Analysis Specialists	224	23.40
Tax Preparers	225	23.50
Judges, Magistrate Judges, and Magistrates	226	23.60
Software Developers, Systems Software	227	23.70
Gaming Supervisors	228	23.80
Pharmacists	229	23.90
Online Merchants	230	24.00
Music Composers and Arrangers	231	24.10
Transportation Engineers	232	24.20
Credit Analysts	233	24.30
Energy Brokers	234	24.50
Claims Examiners, Property and Casualty Insurance	235	24.60
Program Directors	236	24.70
Statisticians	237	24.80
Concierges	238	24.90
Civil Engineering Technicians	239	25.00
Patient Representatives	240	25.10
Purchasing Agents, Except Wholesale, Retail, and Farm Products	241	25.20
Secondary School Teachers, Except Special and Career/Technical Education	242	25.30
Audiologists	243	25.40
Dispatchers, Except Police, Fire, and Ambulance	244	25.50
Slot Supervisors	245	25.60
Kindergarten Teachers, Except Special Education	246	25.70
Court Reporters	247	25.80
Social Science Research Assistants	248	25.90
Special Education Teachers, Kindergarten and Elementary School	249	26.00
Postmasters and Mail Superintendents	250	26.10

Curators	251	26.20
Materials Engineers	252	26.30
Logisticians	253	26.40
Correspondence Clerks	254	26.50
Mining and Geological Engineers, Including Mining Safety Engineers	255	26.70
Business Continuity Planners	256	26.80
Insurance Policy Processing Clerks	257	26.90
Advanced Practice Psychiatric Nurses	258	27.00
Hearing Aid Specialists	259	27.10
Clinical Data Managers	260	27.20
Mathematicians	261	27.30
Substance Abuse and Behavioral Disorder Counselors	262	27.40
Bioinformatics Technicians	263	27.50
Loss Prevention Managers	264	27.60
Electrical Engineers	265	27.70
Education Administrators, Preschool and Childcare Center/Program	266	27.80
Quality Control Systems Managers	267	27.90
Human Factors Engineers and Ergonomists	268	28.00
Sales Engineers	269	28.10
Educational, Guidance, School, and Vocational Counselors	270	28.20
Nuclear Engineers	271	28.30
Editors	272	28.40
Intelligence Analysts	273	28.50
Statement Clerks	274	28.60
Teacher Assistants	275	28.70
Physicists	276	28.90
Directors- Stage, Motion Pictures, Television, and Radio	277	29.00
Mechatronics Engineers	278	29.10
Biostatisticians	279	29.20
Pathologists	280	29.30
Rehabilitation Counselors	281	29.40
Multimedia Artists and Animators	282	29.50
Healthcare Social Workers	283	29.60
Administrative Services Managers	284	29.70
Instructional Designers and Technologists	285	29.80
Production, Planning, and Expediting Clerks	286	29.90
Probation Officers and Correctional Treatment Specialists	287	30.00
Civil Drafters	288	30.10
Radiologists	289	30.20
Fuel Cell Engineers	290	30.30
Nanosystems Engineers	291	30.40
Neurologists	292	30.50
Radio Operators	293	30.60
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Produc	294	30.70
Medical Transcriptionists	295	30.80
Internists, General	296	30.90
Retail Salespersons	297	31.00
Sales Agents, Financial Services	298	31.20
Podiatrists	299	31.30
Spa Managers	300	31.40
Proofreaders and Copy Markers	301	31.50

Computer and Information Systems Managers	302	31.60
Obstetricians and Gynecologists	303	31.70
Billing, Cost, and Rate Clerks	304	31.80
Logistics Engineers	305	31.90
Technical Directors/Managers	306	32.00
Insurance Adjusters, Examiners, and Investigators	307	32.10
Radio Frequency Identification Device Specialists	308	32.20
Remote Sensing Scientists and Technologists	309	32.30
Biofuels/Biodiesel Technology and Product Development Managers	310	32.40
Computer Hardware Engineers	311	32.50
Solar Sales Representatives and Assessors	312	32.60
Electronic Drafters	313	32.70
Orthoptists	314	32.80
Computer Programmers	315	32.90
Tax Examiners and Collectors, and Revenue Agents	316	33.00
Sound Engineering Technicians	317	33.10
Information Security Analysts	318	33.20
Microbiologists	319	33.40
General and Operations Managers	320	33.50
Archivists	321	33.60
Vocational Education Teachers, Postsecondary	322	33.70
Medical Assistants	323	33.80
Reservation and Transportation Ticket Agents and Travel Clerks	324	33.90
Industrial Safety and Health Engineers	325	34.00
Cytogenetic Technologists	326	34.10
Nuclear Power Reactor Operators	327	34.20
Computer Systems Engineers/Architects	328	34.30
Nursing Instructors and Teachers, Postsecondary	329	34.40
Naturopathic Physicians	330	34.50
Nuclear Medicine Physicians	331	34.60
Optometrists	332	34.70
Anesthesiologists	333	34.80
Biomedical Engineers	334	34.90
Biologists	335	35.00
Remote Sensing Technicians	336	35.10
Gaming and Sports Book Writers and Runners	337	35.20
Informatics Nurse Specialists	338	35.30
Career/Technical Education Teachers, Middle School	339	35.40
Wind Energy Engineers	340	35.60
Counter and Rental Clerks	341	35.70
Computer Systems Analysts	342	35.80
Lodging Managers	343	35.90
Electrical Engineering Technologists	344	36.00
Industrial Engineering Technologists	345	36.10
Gaming Managers	346	36.20
Chemists	347	36.30
Nurse Midwives	348	36.40
Database Administrators	349	36.50
Electrical Drafters	350	36.60
Document Management Specialists	351	36.70
Graders and Sorters, Agricultural Products	352	36.80

Sports Medicine Physicians	353	36.90
Construction Managers	354	37.00
Pharmacy Aides	355	37.10
Opticians, Dispensing	356	37.20
Clinical Nurse Specialists	357	37.30
Career/Technical Education Teachers, Secondary School	358	37.40
Architects, Except Landscape and Naval	359	37.50
Telecommunications Engineering Specialists	360	37.60
Film and Video Editors	361	37.80
Nurse Practitioners	362	37.90
Marine Architects	363	38.00
Veterinarians	364	38.10
Technical Writers	365	38.20
Medical Records and Health Information Technicians	366	38.30
Mechanical Engineers	367	38.40
Environmental Scientists and Specialists, Including Health	368	38.50
Word Processors and Typists	369	38.60
Automotive Engineers	370	38.70
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	371	38.80
Photonics Technicians	372	38.90
Electronics Engineers, Except Computer	373	39.00
Commercial and Industrial Designers	374	39.10
Ophthalmic Medical Technologists	375	39.20
Database Architects	376	39.30
Audio and Video Equipment Technicians	377	39.40
Cartographers and Photogrammetrists	378	39.50
Exercise Physiologists	379	39.60
Photonics Engineers	380	39.70
Prepress Technicians and Workers	381	39.80
Recycling Coordinators	382	40.00
Residential Advisors	383	40.10
Art Directors	384	40.20
Hospitalists	385	40.30
Industrial Production Managers	386	40.40
Video Game Designers	387	40.50
Acute Care Nurses	388	40.60
Nuclear Medicine Technologists	389	40.70
Magnetic Resonance Imaging Technologists	390	40.80
Appraisers, Real Estate	391	40.90
Diagnostic Medical Sonographers	392	41.00
Assessors	393	41.10
Physical Medicine and Rehabilitation Physicians	394	41.20
Real Estate Sales Agents	395	41.30
Nurse Anesthetists	396	41.40
Software Developers, Applications	397	41.50
Computer Operators	398	41.60
Public Address System and Other Announcers	399	41.70
Geoscientists, Except Hydrologists and Geographers	400	41.80
Locker Room, Coatroom, and Dressing Room Attendants	401	41.90
Zoologists and Wildlife Biologists	402	42.00
Graphic Designers	403	42.10

Poets, Lyricists and Creative Writers	404	42.30
Occupational Health and Safety Specialists	405	42.40
Broadcast Technicians	406	42.50
Midwives	407	42.60
Electronics Engineering Technicians	408	42.70
Aerospace Engineering and Operations Technicians	409	42.80
Gaming Dealers	410	42.90
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	411	43.00
Licensed Practical and Licensed Vocational Nurses	412	43.10
Travel Guides	413	43.20
Quality Control Analysts	414	43.30
Skincare Specialists	415	43.40
Web Administrators	416	43.50
Recreation Workers	417	43.60
Self-Enrichment Education Teachers	418	43.70
Fashion Designers	419	43.80
Pharmacy Technicians	420	43.90
First-Line Supervisors of Personal Service Workers	421	44.00
Registered Nurses	422	44.10
Computer User Support Specialists	423	44.20
Biomass Power Plant Managers	424	44.30
Gaming Surveillance Officers and Gaming Investigators	425	44.50
Museum Technicians and Conservators	426	44.60
Urologists	427	44.70
Private Detectives and Investigators	428	44.80
Singers	429	44.90
Food Service Managers	430	45.00
Medical and Clinical Laboratory Technicians	431	45.10
Veterinary Technologists and Technicians	432	45.20
Nursery and Greenhouse Managers	433	45.30
Manufacturing Engineers	434	45.40
Inspectors, Testers, Sorters, Samplers, and Weighers	435	45.50
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	436	45.60
Web Developers	437	45.70
Dermatologists	438	45.80
Gaming Change Persons and Booth Cashiers	439	45.90
Occupational Therapists	440	46.00
Orthotists and Prosthetists	441	46.10
Parts Salespersons	442	46.20
Computer Network Support Specialists	443	46.30
Art Therapists	444	46.40
Geothermal Production Managers	445	46.50
Mapping Technicians	446	46.70
Hydrologists	447	46.80
Orthodontists	448	46.90
Solar Energy Systems Engineers	449	47.00
Music Therapists	450	47.10
Mathematical Technicians	451	47.20
Air Traffic Controllers	452	47.30
Computer and Information Research Scientists	453	47.40
Mechanical Drafters	454	47.50

Radiologic Technicians	455	47.60
Cashiers	456	47.70
Social and Human Service Assistants	457	47.80
Dental Hygienists	458	47.90
Demonstrators and Product Promoters	459	48.00
Audio-Visual and Multimedia Collections Specialists	460	48.10
Industrial Engineering Technicians	461	48.20
Archeologists	462	48.30
Cardiovascular Technologists and Technicians	463	48.40
Funeral Service Managers	464	48.50
Biological Technicians	465	48.60
Nuclear Monitoring Technicians	466	48.70
Network and Computer Systems Administrators	467	48.90
Occupational Therapy Assistants	468	49.00
Range Managers	469	49.10
Veterinary Assistants and Laboratory Animal Caretakers	470	49.20
Oral and Maxillofacial Surgeons	471	49.30
Sales Managers	472	49.40
Physician Assistants	473	49.50
Gem and Diamond Workers	474	49.60
Ophthalmic Medical Technicians	475	49.70
Music Directors	476	49.80
Ophthalmologists	477	49.90
Electrical Engineering Technicians	478	50.00
Fabric and Apparel Patternmakers	479	50.10
First-Line Supervisors of Retail Sales Workers	480	50.20
Meeting, Convention, and Event Planners	481	50.30
First-Line Supervisors of Housekeeping and Janitorial Workers	482	50.40
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	483	50.50
Chemical Technicians	484	50.60
Police, Fire, and Ambulance Dispatchers	485	50.70
Farm and Home Management Advisors	486	50.80
Childcare Workers	487	50.90
Surgical Technologists	488	51.00
Surgeons	489	51.20
Soil and Plant Scientists	490	51.30
Transportation Attendants, Except Flight Attendants	491	51.40
Actors	492	51.50
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	493	51.60
Storage and Distribution Managers	494	51.70
Bailiffs	495	51.80
Preschool Teachers, Except Special Education	496	51.90
Low Vision Therapists, Orientation and Mobility Specialists, and Vision Rehabilitation Thera	497	52.00
Freight and Cargo Inspectors	498	52.10
Prosthodontists	499	52.20
Office Machine Operators, Except Computer	500	52.30
Photographic Process Workers and Processing Machine Operators	501	52.40
Dental Assistants	502	52.50
Environmental Restoration Planners	503	52.60
Personal Care Aides	504	52.70
Architectural Drafters	505	52.80

Manicurists and Pedicurists	506	52.90
Library Technicians	507	53.00
Anesthesiologist Assistants	508	53.10
First-Line Supervisors of Food Preparation and Serving Workers	509	53.20
Medical and Clinical Laboratory Technologists	510	53.40
Histotechnologists and Histologic Technicians	511	53.50
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	512	53.60
Order Fillers, Wholesale and Retail Sales	513	53.70
Electromechanical Engineering Technologists	514	53.80
Endoscopy Technicians	515	53.90
Manufacturing Production Technicians	516	54.00
Adapted Physical Education Specialists	517	54.10
Aquacultural Managers	518	54.20
Physical Therapist Assistants	519	54.30
Data Entry Keyers	520	54.40
Neurodiagnostic Technologists	521	54.50
Acupuncturists	522	54.60
Bakers	523	54.70
Computer Network Architects	524	54.80
Geographic Information Systems Technicians	525	54.90
Community Health Workers	526	55.00
Physical Therapists	527	55.10
Dental Laboratory Technicians	528	55.20
Food Science Technicians	529	55.30
Software Quality Assurance Engineers and Testers	530	55.40
Occupational Therapy Aides	531	55.60
Critical Care Nurses	532	55.70
Tour Guides and Escorts	533	55.80
Dentists, General	534	55.90
Nursing Assistants	535	56.00
Camera and Photographic Equipment Repairers	536	56.10
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	537	56.20
Postal Service Clerks	538	56.30
Shampooers	539	56.40
First-Line Supervisors of Production and Operating Workers	540	56.50
Manufacturing Engineering Technologists	541	56.60
Flight Attendants	542	56.70
Radiologic Technologists	543	56.80
Environmental Compliance Inspectors	544	56.90
Dietetic Technicians	545	57.00
Chefs and Head Cooks	546	57.10
Floral Designers	547	57.20
Costume Attendants	548	57.30
Cytotechnologists	549	57.40
Amusement and Recreation Attendants	550	57.50
Power Distributors and Dispatchers	551	57.60
Energy Auditors	552	57.80
Park Naturalists	553	57.90
Respiratory Therapy Technicians	554	58.00
Soil and Water Conservationists	555	58.10
Food Servers, Nonrestaurant	556	58.20

Medical Appliance Technicians	557	58.30
Phlebotomists	558	58.40
Electronics Engineering Technologists	559	58.50
Craft Artists	560	58.60
Forest Fire Inspectors and Prevention Specialists	561	58.70
Etchers and Engravers	562	58.80
Models	563	58.90
Psychiatric Aides	564	59.00
Emergency Management Directors	565	59.10
Police Identification and Records Officers	566	59.20
Printing Press Operators	567	59.30
Farm Labor Contractors	568	59.40
File Clerks	569	59.50
Library Assistants, Clerical	570	59.60
Geodetic Surveyors	571	59.70
Athletic Trainers	572	59.80
Musicians, Instrumental	573	60.00
Foresters	574	60.10
Postal Service Mail Sorters, Processors, and Processing Machine Operators	575	60.20
Textile Knitting and Weaving Machine Setters, Operators, and Tenders	576	60.30
Licensing Examiners and Inspectors	577	60.40
Ushers, Lobby Attendants, and Ticket Takers	578	60.50
Cooks, Private Household	579	60.60
Cooks, Institution and Cafeteria	580	60.70
Chiropractors	581	60.80
Environmental Science and Protection Technicians, Including Health	582	60.90
Bartenders	583	61.00
Cooks, Fast Food	584	61.10
Tailors, Dressmakers, and Custom Sewers	585	61.20
Airfield Operations Specialists	586	61.30
Butchers and Meat Cutters	587	61.40
Watch Repairers	588	61.50
Jewelers	589	61.60
Funeral Attendants	590	61.70
Agricultural Technicians	591	61.80
Coaches and Scouts	592	61.90
Hairdressers, Hairstylists, and Cosmetologists	593	62.00
Set and Exhibit Designers	594	62.10
Conveyor Operators and Tenders	595	62.30
Security Managers	596	62.40
Robotics Engineers	597	62.50
Electromechanical Equipment Assemblers	598	62.60
Mail Clerks and Mail Machine Operators, Except Postal Service	599	62.70
Fitness and Wellness Coordinators	600	62.80
Coroners	601	62.90
Forensic Science Technicians	602	63.00
Animal Control Workers	603	63.10
Occupational Health and Safety Technicians	604	63.20
First-Line Supervisors of Aquacultural Workers	605	63.30
Agricultural Inspectors	606	63.40
Retail Loss Prevention Specialists	607	63.50

Electro-Mechanical Technicians	608	63.60
Psychiatric Technicians	609	63.70
Shoe Machine Operators and Tenders	610	63.80
Cooks, Short Order	611	63.90
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operator	612	64.00
Electrical and Electronics Installers and Repairers, Transportation Equipment	613	64.10
Barbers	614	64.20
Food Batchmakers	615	64.30
Nonfarm Animal Caretakers	616	64.50
Respiratory Therapists	617	64.60
Shoe and Leather Workers and Repairers	618	64.70
Government Property Inspectors and Investigators	619	64.80
Aviation Inspectors	620	64.90
Morticians, Undertakers, and Funeral Directors	621	65.00
Chemical Plant and System Operators	622	65.10
Textile Bleaching and Dyeing Machine Operators and Tenders	623	65.20
Baristas	624	65.30
Forging Machine Setters, Operators, and Tenders, Metal and Plastic	625	65.40
Precision Agriculture Technicians	626	65.50
Log Graders and Scalers	627	65.60
Precious Metal Workers	628	65.70
Nuclear Equipment Operation Technicians	629	65.80
Baggage Porters and Bellhops	630	65.90
Umpires, Referees, and Other Sports Officials	631	66.00
Avionics Technicians	632	66.10
Construction and Building Inspectors	633	66.20
Marine Engineers	634	66.30
Electrical and Electronic Equipment Assemblers	635	66.40
Combined Food Preparation and Serving Workers, Including Fast Food	636	66.50
Physical Therapist Aides	637	66.70
Traffic Technicians	638	66.80
Police Detectives	639	66.90
Recreational Therapists	640	67.00
Ship Engineers	641	67.10
Fine Artists, Including Painters, Sculptors, and Illustrators	642	67.20
Transportation Security Screeners	643	67.30
Mechanical Engineering Technicians	644	67.40
Cutters and Trimmers, Hand	645	67.50
Cooks, Restaurant	646	67.60
Massage Therapists	647	67.70
Meat, Poultry, and Fish Cutters and Trimmers	648	67.80
Mechanical Engineering Technologists	649	67.90
Semiconductor Processors	650	68.00
Solar Energy Installation Managers	651	68.10
Merchandise Displayers and Window Trimmers	652	68.20
Makeup Artists, Theatrical and Performance	653	68.30
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	654	68.40
First-Line Supervisors of Mechanics, Installers, and Repairers	655	68.50
Waiters and Waitresses	656	68.60
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	657	68.70
First-Line Supervisors of Agricultural Crop and Horticultural Workers	658	68.90

Surgical Assistants	659	69.00
Chemical Equipment Operators and Tenders	660	69.10
Food Cooking Machine Operators and Tenders	661	69.20
Desktop Publishers	662	69.30
Ophthalmic Laboratory Technicians	663	69.40
Fabric Menders, Except Garment	664	69.50
Model Makers, Metal and Plastic	665	69.60
Farm and Ranch Managers	666	69.70
First-Line Supervisors of Construction Trades and Extraction Workers	667	69.80
Sewers, Hand	668	69.90
Marking Clerks	669	70.00
First-Line Supervisors of Animal Husbandry and Animal Care Workers	670	70.10
Photographers	671	70.20
Immigration and Customs Inspectors	672	70.30
Laundry and Dry-Cleaning Workers	673	70.40
Medical Equipment Preparers	674	70.50
Non-Destructive Testing Specialists	675	70.60
Motion Picture Projectionists	676	70.70
Parking Enforcement Workers	677	70.80
Stationary Engineers and Boiler Operators	678	70.90
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	679	71.00
Home Appliance Repairers	680	71.20
Fire Inspectors	681	71.30
Embalmers	682	71.40
Radiation Therapists	683	71.50
Criminal Investigators and Special Agents	684	71.60
Motorcycle Mechanics	685	71.70
Maids and Housekeeping Cleaners	686	71.80
Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	687	71.90
Musical Instrument Repairers and Tuners	688	72.00
Nannies	689	72.10
Railroad Conductors and Yardmasters	690	72.20
Foundry Mold and Coremakers	691	72.30
Sewing Machine Operators	692	72.40
Home Health Aides	693	72.50
Packaging and Filling Machine Operators and Tenders	694	72.60
First-Line Supervisors of Correctional Officers	695	72.70
Structural Metal Fabricators and Fitters	696	72.80
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	697	72.90
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	698	73.00
Fish and Game Wardens	699	73.10
Stock Clerks, Sales Floor	700	73.20
First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	701	73.40
Surveyors	702	73.50
Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	703	73.60
Crossing Guards	704	73.70
Transportation Vehicle, Equipment and Systems Inspectors, Except Aviation	705	73.80
First-Line Supervisors of Police and Detectives	706	73.90
Sawing Machine Setters, Operators, and Tenders, Wood	707	74.00
Surveying Technicians	708	74.10
Power Plant Operators	709	74.20

Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	710	74.30
Hazardous Materials Removal Workers	711	74.40
Computer-Controlled Machine Tool Operators, Metal and Plastic	712	74.50
Model Makers, Wood	713	74.60
Rotary Drill Operators, Oil and Gas	714	74.70
Cutting and Slicing Machine Setters, Operators, and Tenders	715	74.80
Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	716	74.90
Pesticide Handlers, Sprayers, and Applicators, Vegetation	717	75.00
Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	718	75.10
Environmental Engineering Technicians	719	75.20
Tire Builders	720	75.30
Pest Control Workers	721	75.40
Machine Feeders and Offbearers	722	75.60
Security Guards	723	75.70
Water and Wastewater Treatment Plant and System Operators	724	75.80
Animal Breeders	725	75.90
Pump Operators, Except Wellhead Pumpers	726	76.00
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	727	76.10
Driver/Sales Workers	728	76.20
Textile Cutting Machine Setters, Operators, and Tenders	729	76.30
Timing Device Assemblers and Adjusters	730	76.40
Paper Goods Machine Setters, Operators, and Tenders	731	76.50
Gas Plant Operators	732	76.60
Layout Workers, Metal and Plastic	733	76.70
Solderers and Brazers	734	76.80
Aircraft Cargo Handling Supervisors	735	76.90
Sheriffs and Deputy Sheriffs	736	77.00
Coin, Vending, and Amusement Machine Servicers and Repairers	737	77.10
Laborers and Freight, Stock, and Material Movers, Hand	738	77.20
Tool and Die Makers	739	77.30
Camera Operators, Television, Video, and Motion Picture	740	77.40
First-Line Supervisors of Logging Workers	741	77.50
Segmental Pavers	742	77.60
Geological Sample Test Technicians	743	77.80
Postal Service Mail Carriers	744	77.90
Medical Equipment Repairers	745	78.00
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	746	78.10
Patternmakers, Metal and Plastic	747	78.20
Locomotive Engineers	748	78.30
Forest Fire Fighting and Prevention Supervisors	749	78.40
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	750	78.50
Correctional Officers and Jailers	751	78.60
Coil Winders, Tapers, and Finishers	752	78.70
Pourers and Casters, Metal	753	78.80
Radio Mechanics	754	78.90
Locomotive Firers	755	79.00
Fire Investigators	756	79.10
Commercial Pilots	757	79.20
Petroleum Pump System Operators, Refinery Operators, and Gaugers	758	79.30
Farmworkers, Farm, Ranch, and Aquacultural Animals	759	79.40
Stock Clerks- Stockroom, Warehouse, or Storage Yard	760	79.50

Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	761	79.60
Mates- Ship, Boat, and Barge	762	79.70
Molding and Casting Workers	763	79.80
Food Preparation Workers	764	80.00
Painting, Coating, and Decorating Workers	765	80.10
Electronic Equipment Installers and Repairers, Motor Vehicles	766	80.20
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	767	80.30
Mixing and Blending Machine Setters, Operators, and Tenders	768	80.40
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	769	80.50
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	770	80.60
Municipal Fire Fighting and Prevention Supervisors	771	80.70
Slaughterers and Meat Packers	772	80.80
Wellhead Pumpers	773	80.90
Insulation Workers, Mechanical	774	81.00
Aircraft Mechanics and Service Technicians	775	81.10
Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	776	81.20
Computer, Automated Teller, and Office Machine Repairers	777	81.30
Floor Layers, Except Carpet, Wood, and Hard Tiles	778	81.40
Meter Readers, Utilities	779	81.50
Tile and Marble Setters	780	81.60
Agricultural Equipment Operators	781	81.70
Athletes and Sports Competitors	782	81.80
Shipping, Receiving, and Traffic Clerks	783	81.90
Grinding and Polishing Workers, Hand	784	82.00
Bus Drivers, Transit and Intercity	785	82.10
Pressers, Textile, Garment, and Related Materials	786	82.30
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	787	82.40
Fiberglass Laminators and Fabricators	788	82.50
Forest and Conservation Workers	789	82.60
Glass Blowers, Molders, Benders, and Finishers	790	82.70
Security and Fire Alarm Systems Installers	791	82.80
Taxi Drivers and Chauffeurs	792	82.90
Biomass Plant Technicians	793	83.00
Gas Compressor and Gas Pumping Station Operators	794	83.10
Adhesive Bonding Machine Operators and Tenders	795	83.20
Cooling and Freezing Equipment Operators and Tenders	796	83.30
Geothermal Technicians	797	83.40
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	798	83.50
Tool Grinders, Filers, and Sharpeners	799	83.60
Animal Trainers	800	83.70
Ship and Boat Captains	801	83.80
Ambulance Drivers and Attendants, Except Emergency Medical Technicians	802	83.90
Team Assemblers	803	84.00
Forest and Conservation Technicians	804	84.10
Airline Pilots, Copilots, and Flight Engineers	805	84.20
Bridge and Lock Tenders	806	84.30
Dining Room and Cafeteria Attendants and Bartender Helpers	807	84.50
Operating Engineers and Other Construction Equipment Operators	808	84.60
Transit and Railroad Police	809	84.70
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Me	810	84.80
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	811	84.90

Dredge Operators	812	85.00
Weatherization Installers and Technicians	813	85.10
Potters, Manufacturing	814	85.20
Crane and Tower Operators	815	85.30
Outdoor Power Equipment and Other Small Engine Mechanics	816	85.40
Electrical and Electronics Repairers, Commercial and Industrial Equipment	817	85.50
Locksmiths and Safe Repairers	818	85.60
Explosives Workers, Ordnance Handling Experts, and Blasters	819	85.70
Subway and Streetcar Operators	820	85.80
Stone Cutters and Carvers, Manufacturing	821	85.90
Cabinetmakers and Bench Carpenters	822	86.00
Recycling and Reclamation Workers	823	86.10
Automotive and Watercraft Service Attendants	824	86.20
Tank Car, Truck, and Ship Loaders	825	86.30
Recreational Vehicle Service Technicians	826	86.40
Service Unit Operators, Oil, Gas, and Mining	827	86.50
Tire Repairers and Changers	828	86.70
Electronic Home Entertainment Equipment Installers and Repairers	829	86.80
Robotics Technicians	830	86.90
Refractory Materials Repairers, Except Brickmasons	831	87.00
Rail Yard Engineers, Dinkey Operators, and Hostlers	832	87.10
Drywall and Ceiling Tile Installers	833	87.20
Furniture Finishers	834	87.30
Pipe Fitters and Steamfitters	835	87.40
Choreographers	836	87.50
Couriers and Messengers	837	87.60
Emergency Medical Technicians and Paramedics	838	87.70
Control and Valve Installers and Repairers, Except Mechanical Door	839	87.80
Bus Drivers, School or Special Client	840	87.90
Patternmakers, Wood	841	88.00
Rough Carpenters	842	88.10
Painters, Construction and Maintenance	843	88.20
Print Binding and Finishing Workers	844	88.30
Electrical Power-Line Installers and Repairers	845	88.40
Solar Thermal Installers and Technicians	846	88.50
Motorboat Mechanics and Service Technicians	847	88.60
Mine Shuttle Car Operators	848	88.70
Pipelayers	849	88.90
Helpers--Production Workers	850	89.00
Metal-Refining Furnace Operators and Tenders	851	89.10
Packers and Packagers, Hand	852	89.20
Elevator Installers and Repairers	853	89.30
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tend	854	89.40
Pilots, Ship	855	89.50
Painters, Transportation Equipment	856	89.60
Earth Drillers, Except Oil and Gas	857	89.70
Light Truck or Delivery Services Drivers	858	89.80
Boilermakers	859	89.90
Dishwashers	860	90.00
Fitness Trainers and Aerobics Instructors	861	90.10
Upholsterers	862	90.20

Rock Splitters, Quarry	863	90.30
Industrial Truck and Tractor Operators	864	90.40
Paving, Surfacing, and Tamping Equipment Operators	865	90.50
Maintenance Workers, Machinery	866	90.60
Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	867	90.70
Police Patrol Officers	868	90.80
Telecommunications Line Installers and Repairers	869	90.90
Floor Sanders and Finishers	870	91.00
Nursery Workers	871	91.20
Construction Laborers	872	91.30
Sheet Metal Workers	873	91.40
Bus and Truck Mechanics and Diesel Engine Specialists	874	91.50
Railroad Brake, Signal, and Switch Operators	875	91.60
Automotive Glass Installers and Repairers	876	91.70
Septic Tank Servicers and Sewer Pipe Cleaners	877	91.80
Machinists	878	91.90
Automotive Body and Related Repairers	879	92.00
Parking Lot Attendants	880	92.10
Maintenance and Repair Workers, General	881	92.20
Engine and Other Machine Assemblers	882	92.30
Automotive Specialty Technicians	883	92.40
Carpet Installers	884	92.50
Refrigeration Mechanics and Installers	885	92.60
Roustabouts, Oil and Gas	886	92.70
Glaziers	887	92.80
Telecommunications Equipment Installers and Repairers, Except Line Installers	888	92.90
Stonemasons	889	93.00
Radio, Cellular, and Tower Equipment Installers and Repairers	890	93.10
Welders, Cutters, and Welder Fitters	891	93.20
Derrick Operators, Oil and Gas	892	93.40
Forest Firefighters	893	93.50
Tapers	894	93.60
Paperhangers	895	93.70
Farm Equipment Mechanics and Service Technicians	896	93.80
Highway Maintenance Workers	897	93.90
Commercial Divers	898	94.00
Hunters and Trappers	899	94.10
Mine Cutting and Channeling Machine Operators	900	94.20
Construction Carpenters	901	94.30
Structural Iron and Steel Workers	902	94.40
Electricians	903	94.50
Millwrights	904	94.60
Helpers--Carpenters	905	94.70
Wind Turbine Service Technicians	906	94.80
Helpers--Electricians	907	94.90
Sailors and Marine Oilers	908	95.00
Electric Motor, Power Tool, and Related Repairers	909	95.10
Hoist and Winch Operators	910	95.20
Loading Machine Operators, Underground Mining	911	95.30
Cleaners of Vehicles and Equipment	912	95.40
Plumbers	913	95.60

Tree Trimmers and Pruners	914	95.70
Plasterers and Stucco Masons	915	95.80
Motorboat Operators	916	95.90
Solar Photovoltaic Installers	917	96.00
Rail Car Repairers	918	96.10
Logging Equipment Operators	919	96.20
Mechanical Door Repairers	920	96.30
Heavy and Tractor-Trailer Truck Drivers	921	96.40
Refuse and Recyclable Material Collectors	922	96.50
Industrial Machinery Mechanics	923	96.60
Bicycle Repairers	924	96.70
Excavating and Loading Machine and Dragline Operators	925	96.80
Mobile Heavy Equipment Mechanics, Except Engines	926	96.90
Brickmasons and Blockmasons	927	97.00
Rail-Track Laying and Maintenance Equipment Operators	928	97.00
Helpers--Extraction Workers	929	97.20
Signal and Track Switch Repairers	930	97.30
Landscaping and Groundskeeping Workers	931	97.40
Fence Erectors	932	97.50
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	933	97.60
Cement Masons and Concrete Finishers	934	97.80
Heating and Air Conditioning Mechanics and Installers	935	97.90
Municipal Firefighters	936	98.00
Automotive Master Mechanics	937	98.10
Helpers--Installation, Maintenance, and Repair Workers	938	98.20
Insulation Workers, Floor, Ceiling, and Wall	939	98.30
Manufactured Building and Mobile Home Installers	940	98.40
Riggers	941	98.50
Farmworkers and Laborers, Crop	942	98.60
Pile-Driver Operators	943	98.70
Continuous Mining Machine Operators	944	98.80
Fallers	945	98.90
Terrazzo Workers and Finishers	946	99.00
Roofers	947	99.10
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	948	99.20
Reinforcing Iron and Rebar Workers	949	99.30
Helpers--Roofers	950	99.40
Fishers and Related Fishing Workers	951	99.50
Roof Bolters, Mining	952	99.60
Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	953	99.70
Dancers	954	99.80

Source: Center for Retirement Research at Boston College (2016).

* When using these data, please cite the Center for Retirement Research at Boston College.