



La Sierra | *Career Services*
UNIVERSITY

2022-2032 OCCUPATIONAL OUTLOOK HANDBOOK



**U.S. BUREAU
OF LABOR
STATISTICS**

OFFICIAL WEBSITE OF THE UNITED STATES GOVERNMENT

The U.S. Bureau Labor of Statistics Occupational Outlook Handbook contains helpful information about the work performed in each career field and average salaries. It also includes education and training, opportunities for advancement, and a 10-year outlook for different occupations. La Sierra University Career Services uses this information as a tool for assisting students in knowing and understanding the job market trends and occupational outlook for the next 8 years. Some recommendations for using the U.S. Bureau of Labor Statistics Occupational Outlook Handbook include:

- Use the Handbook to identify the skills you need for your preferred job so that you can plan your career development.
- Determine the skills required in a given job and emphasize them on your resume and in job interviews.
- Use the Occupation Group search to find careers that have similar skill sets so that you can widen your chances of landing a job in an area of your interest.
- Use the guide to identify the skills you can transfer from your previous job description and the jobs to which the skills are relevant.
- Use OOH salary information to identify a good starting point for your negotiation strategy.
- Look at the prospects for the job you want to train for, to know the direction it may take in the future.

All information regarding the 2022-2032 U.S. Bureau of Labor Statistics Occupational Outlook Handbook can be found at <https://www.bls.gov/ooh/home.htm>. Use the **Occupation Groups**, **Select Occupations By, A-Z Index**, and **Browse Occupations** sections to navigate through the website.

Disclaimer- Not every occupation and/or major is listed in this La Sierra University Career Services reference packet. Career Services has only created this packet reflecting on the most popular majors offered at La Sierra University. Occupations listed might not also reflect exact majors offered at La Sierra University, but might be similar and/or closely related.

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ACCOUNTING-

Quick Facts: Accountants and Auditors	
2023 Median Pay	\$79,880 per year \$38.41 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	1,538,400
Job Outlook, 2022-32	4% (As fast as average)
Employment Change, 2022-32	67,400

What Accountants and Auditors Do

Accountants and auditors prepare and examine financial records.

Work Environment

Most accountants and auditors work full time. Overtime hours are typical at certain periods of the year, such as for quarterly audits or during tax season.

How to Become an Accountant or Auditor

A bachelor's degree in accounting or a related field is typically required to become an accountant or auditor. Completing certification in a specific field of accounting, such as becoming a licensed Certified Public Accountant (CPA), may improve job prospects.

Pay

The median annual wage for accountants and auditors was \$79,880 in May 2023.

Job Outlook

Employment of accountants and auditors is projected to grow 4 percent from 2022 to 2032, about as fast as the average for all occupations.

About 126,500 openings for accountants and auditors are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Bookkeeping, Accounting, and Auditing Clerks	Bookkeeping, accounting, and auditing clerks produce financial records for organizations and check financial records for accuracy.	Some college, no degree	\$47,440
Budget Analysts	Budget analysts help public and private organizations plan their finances.	Bachelor's degree	\$84,940
Cost Estimators	Cost estimators collect and analyze data in order to assess the time, money, materials, and labor required to make a product or provide a service.	Bachelor's degree	\$74,740
Financial Analysts	Financial analysts guide businesses and individuals in decisions about expending money to attain profit.	Bachelor's degree	\$99,890
Financial Managers	Financial managers create financial reports, direct investment activities, and develop plans for the long-term financial goals of their organization.	Bachelor's degree	\$156,100
Management Analysts	Management analysts recommend ways to improve an organization's efficiency.	Bachelor's degree	\$99,410
Personal Financial Advisors	Personal financial advisors provide advice to help individuals manage their money and plan for their financial future.	Bachelor's degree	\$99,580
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380
Tax Examiners and Collectors, and Revenue Agents	Tax examiners and collectors, and revenue agents determine how much is owed in taxes and collect tax from individuals and businesses on behalf of the government.	Bachelor's degree	\$58,530
Top Executives	Top executives plan strategies and policies to ensure that an organization meets its goals.	Bachelor's degree	\$103,840

ART-

Quick Facts: Craft and Fine Artists	
2023 Median Pay	\$52,910 per year \$25.44 per hour
Typical Entry-Level Education	See How to Become One
Work Experience in a Related Occupation	None
On-the-job Training	Long-term on-the-job training
Number of Jobs, 2022	54,600
Job Outlook, 2022-32	4% (As fast as average)
Employment Change, 2022-32	2,400

What Craft and Fine Artists Do

Craft and fine artists use a variety of materials and techniques to create art for sale and exhibition.

Work Environment

Many artists work in fine- or commercial-art studios located in office buildings, warehouses, or lofts. Others work in private studios in their homes. Some artists share studio space, where they also may exhibit their work.

How to Become a Craft or Fine Artist

Craft and fine artists improve their skills through practice and repetition. A bachelor's degree is common for these artists.

Pay

The median annual wage for craft and fine artists was \$52,910 in May 2023.

Job Outlook

Overall employment of craft and fine artists is projected to grow 4 percent from 2022 to 2032, about as fast as the average for all occupations.

About 5,500 openings for craft and fine artists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Archivists, Curators, and Museum Workers	Archivists and curators oversee institutions' collections, such as of historical items or of artwork. Museum technicians and conservators prepare and restore items in those collections.		\$57,120
Art Directors	Art directors are responsible for the visual style and images in magazines, newspapers, product packaging, and movie and television productions.	Bachelor's degree	\$106,500
Fashion Designers	Fashion designers create clothing, accessories, and footwear.	Bachelor's degree	\$79,290
Graphic Designers	Graphic designers create visual concepts, using computer software or by hand, to communicate ideas that inspire, inform, and captivate consumers.	Bachelor's degree	\$58,910
Industrial Designers	Industrial designers combine art, business, and engineering to develop the concepts for manufactured products.	Bachelor's degree	\$76,250
Jewelers and Precious Stone and Metal Workers	Jewelers and precious stone and metal workers design, construct, adjust, repair, appraise and sell jewelry.	High school diploma or equivalent	\$47,450
Photographers	Photographers use their technical expertise, creativity, and composition skills to produce and preserve images.	High school diploma or equivalent	\$40,760
Special Effects Artists and Animators	Special effects artists and animators create images that appear to move and visual effects for various forms of media and entertainment.	Bachelor's degree	\$99,060
Woodworkers	Woodworkers manufacture a variety of products, such as cabinets and furniture, using wood, veneers, and laminates.	High school diploma or equivalent	\$39,390

BIOCHEMISTRY-

Quick Facts: Biochemists and Biophysicists	
2023 Median Pay	\$107,460 per year \$51.66 per hour
Typical Entry-Level Education	Doctoral or professional degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	34,500
Job Outlook, 2022-32	7% (Faster than average)
Employment Change, 2022-32	2,300

What Biochemists and Biophysicists Do

Biochemists and biophysicists study the chemical and physical principles of living things and of biological processes.

Work Environment

Biochemists and biophysicists typically work in laboratories and offices to conduct experiments and analyze the results. Most work full time.

How to Become a Biochemist or Biophysicist

Biochemists and biophysicists need a Ph.D. to work in independent research and development. Many Ph.D. holders begin their careers in temporary postdoctoral research positions. Bachelor's and master's degree holders qualify for some entry-level positions in biochemistry and biophysics.

Pay

The median annual wage for biochemists and biophysicists was \$107,460 in May 2023.

Job Outlook

Employment of biochemists and biophysicists is projected to grow 7 percent from 2022 to 2032, faster than the average for all occupations.

About 2,800 openings for biochemists and biophysicists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Agricultural and Food Scientists	Agricultural and food scientists research ways to improve the efficiency and safety of agricultural establishments and products.	Bachelor's degree	\$76,400
Bioengineers and Biomedical Engineers	Bioengineers and biomedical engineers combine engineering principles with sciences to design and create equipment, devices, computer systems, and software.	Bachelor's degree	\$100,730
Biological Technicians	Biological technicians help biological and medical scientists conduct laboratory tests and experiments.	Bachelor's degree	\$51,430
Chemists and Materials Scientists	Chemists and materials scientists research and analyze the chemical properties of substances to develop new materials, products, or knowledge.	Bachelor's degree	\$87,180
Environmental Scientists and Specialists	Environmental scientists and specialists use their knowledge of the natural sciences to protect the environment and human health.	Bachelor's degree	\$78,980
Medical Scientists	Medical scientists conduct research aimed at improving overall human health.	Doctoral or professional degree	\$100,890
Microbiologists	Microbiologists study microorganisms such as bacteria, algae, and fungi.	Bachelor's degree	\$85,470
Natural Sciences Managers	Natural sciences managers plan, supervise, or coordinate research and other activities in fields such as life sciences, physical sciences, mathematics, and statistics.	Bachelor's degree	\$157,740
Physicists and Astronomers	Physicists and astronomers study the interactions of matter and energy.	Doctoral or professional degree	\$149,530
Zoologists and Wildlife Biologists	Zoologists and wildlife biologists study animals, those both in captivity and in the wild, and how they interact with their ecosystems.	Bachelor's degree	\$70,600

BIOMEDICAL SCIENCE-

Quick Facts: Medical Scientists	
2023 Median Pay	\$100,890 per year \$48.50 per hour
Typical Entry-Level Education	Doctoral or professional degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	119,000
Job Outlook, 2022-32	10% (Much faster than average)
Employment Change, 2022-32	11,600

What Medical Scientists Do

Medical scientists conduct research aimed at improving overall human health.

Work Environment

Medical scientists typically work in offices and laboratories. Most work full time, and some work more than 40 hours per week.

How to Become a Medical Scientist

Medical scientists typically have a Ph.D., usually in biology or a related life science. Some get a medical degree instead of, or in addition to, a Ph.D.

Pay

The median annual wage for medical scientists was \$100,890 in May 2023.

Job Outlook

Employment of medical scientists is projected to grow 10 percent from 2022 to 2032, much faster than the average for all occupations.

About 7,500 openings for medical scientists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Agricultural and Food Scientists	Agricultural and food scientists research ways to improve the efficiency and safety of agricultural establishments and products.	Bachelor's degree	\$76,400
Biochemists and Biophysicists	Biochemists and biophysicists study the chemical and physical principles of living things and of biological processes.	Doctoral or professional degree	\$107,460
Clinical Laboratory Technologists and Technicians	Clinical laboratory technologists and technicians perform medical laboratory tests for the diagnosis, treatment, and prevention of disease.	Bachelor's degree	\$60,780
Epidemiologists	Epidemiologists are public health workers who investigate patterns and causes of disease and injury.	Master's degree	\$81,390
Health Education Specialists	Health education specialists develop programs to teach people about conditions affecting well-being.	Bachelor's degree	\$62,860
Microbiologists	Microbiologists study microorganisms such as bacteria, algae, and fungi.	Bachelor's degree	\$85,470
Physicians and Surgeons	Physicians and surgeons diagnose and treat injuries or illnesses and address health maintenance.	Doctoral or professional degree	This wage is equal to or greater than \$239,200 per year.
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380
Veterinarians	Veterinarians care for the health of animals and work to protect public health.	Doctoral or professional degree	\$119,100

BUSINESS ANALYTICS-

Quick Facts: Management Analysts	
2023 Median Pay	\$99,410 per year \$47.80 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	Less than 5 years
On-the-job Training	None
Number of Jobs, 2022	987,600
Job Outlook, 2022-32	10% (Much faster than average)
Employment Change, 2022-32	95,700

What Management Analysts Do

Management analysts recommend ways to improve an organization's efficiency.

Work Environment

Management analysts may travel frequently to meet with clients. Some work more than 40 hours per week.

How to Become a Management Analyst

Management analysts typically need at least a bachelor's degree and several years of related work experience.

Pay

The median annual wage for management analysts was \$99,410 in May 2023.

Job Outlook

Employment of management analysts is projected to grow 10 percent from 2022 to 2032, much faster than the average for all occupations.

About 92,900 openings for management analysts are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Accountants and Auditors	Accountants and auditors prepare and examine financial records.	Bachelor's degree	\$79,880
Administrative Services and Facilities Managers	Administrative services and facilities managers plan, direct, and coordinate activities that help an organization run efficiently.	Bachelor's degree	\$104,900
Budget Analysts	Budget analysts help public and private organizations plan their finances.	Bachelor's degree	\$84,940
Cost Estimators	Cost estimators collect and analyze data in order to assess the time, money, materials, and labor required to make a product or provide a service.	Bachelor's degree	\$74,740
Economists	Economists conduct research, prepare reports, and evaluate issues related to monetary and fiscal policy. They also may collect and analyze statistical data.	Master's degree	\$115,730
Financial Analysts	Financial analysts guide businesses and individuals in decisions about expending money to attain profit.	Bachelor's degree	\$99,890
Financial Managers	Financial managers create financial reports, direct investment activities, and develop plans for the long-term financial goals of their organization.	Bachelor's degree	\$156,100
Market Research Analysts	Market research analysts study consumer preferences, business conditions, and other factors to assess potential sales of a product or service.	Bachelor's degree	\$74,680
Operations Research Analysts	Operations research analysts use mathematics and logic to help solve complex issues.	Bachelor's degree	\$83,640
Project Management Specialists	Project management specialists coordinate the budget, schedule, staffing, and other details of a project.	Bachelor's degree	\$98,580

CHEMISTRY-

Quick Facts: Chemists and Materials Scientists	
2023 Median Pay	\$87,180 per year \$41.91 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	95,000
Job Outlook, 2022-32	6% (Faster than average)
Employment Change, 2022-32	5,800

What Chemists and Materials Scientists Do

Chemists and materials scientists research and analyze the chemical properties of substances to develop new materials, products, or knowledge.

Work Environment

Chemists and materials scientists work in laboratories, offices, and manufacturing facilities. Most work full time.

How to Become a Chemist or Materials Scientist

To enter the occupation, chemists and materials scientists typically need at least a bachelor's degree in chemistry or a related field. However, they may need a master's degree or Ph.D. for some jobs, such as research positions.

Pay

The median annual wage for chemists was \$84,680 in May 2023.

The median annual wage for materials scientists was \$106,160 in May 2023.

Job Outlook

Overall employment of chemists and materials scientists is projected to grow 6 percent from 2022 to 2032, faster than the average for all occupations.

About 7,200 openings for chemists and materials scientists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Biochemists and Biophysicists	Biochemists and biophysicists study the chemical and physical principles of living things and of biological processes.	Doctoral or professional degree	\$107,460
Chemical Engineers	Chemical engineers apply the principles of chemistry, physics, and engineering to design equipment and processes for manufacturing products such as gasoline, detergents, and paper.	Bachelor's degree	\$112,100
Chemical Technicians	Chemical technicians conduct laboratory tests to help scientists analyze the properties of materials.	Associate's degree	\$56,750
Environmental Scientists and Specialists	Environmental scientists and specialists use their knowledge of the natural sciences to protect the environment and human health.	Bachelor's degree	\$78,980
Forensic Science Technicians	Forensic science technicians aid criminal investigations by collecting and analyzing evidence.	Bachelor's degree	\$64,940
Geoscientists	Geoscientists study the physical aspects of the Earth.	Bachelor's degree	\$92,580
High School Teachers	High school teachers teach academic lessons and various skills that students will need to attend college and to enter the job market.	Bachelor's degree	\$65,220
Materials Engineers	Materials engineers develop, process, and test materials used to create a wide range of products.	Bachelor's degree	\$104,100
Natural Sciences Managers	Natural sciences managers plan, supervise, or coordinate research and other activities in fields such as life sciences, physical sciences, mathematics, and statistics.	Bachelor's degree	\$157,740
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380

COMMUNICATION- PUBLIC RELATIONS

Quick Facts: Public Relations Specialists	
2023 Median Pay	\$66,750 per year \$32.09 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	297,100
Job Outlook, 2022-32	6% (Faster than average)
Employment Change, 2022-32	18,000

What Public Relations Specialists Do

Public relations specialists create and maintain a positive public image for the clients they represent.

Work Environment

Public relations specialists work for a variety of organizations, including schools, media buyers, and professional associations. They usually work in offices, but they also deliver speeches, attend meetings and community activities, and occasionally travel.

How to Become a Public Relations Specialist

Public relations specialists typically need a bachelor's degree to enter the occupation.

Pay

The median annual wage for public relations specialists was \$66,750 in May 2023.

Job Outlook

Employment of public relations specialists is projected to grow 6 percent from 2022 to 2032, faster than the average for all occupations.

About 25,800 openings for public relations specialists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Advertising Sales Agents	Advertising sales agents sell advertising space to businesses and individuals.	High school diploma or equivalent	\$61,270
Advertising, Promotions, and Marketing Managers	Advertising, promotions, and marketing managers plan programs to generate interest in products or services.	Bachelor's degree	\$156,580
Editors	Editors plan, review, and revise content for publication.	Bachelor's degree	\$75,020
Market Research Analysts	Market research analysts study consumer preferences, business conditions, and other factors to assess potential sales of a product or service.	Bachelor's degree	\$74,680
Meeting, Convention, and Event Planners	Meeting, convention, and event planners arrange all aspects of events and professional gatherings.	Bachelor's degree	\$56,920
Public Relations and Fundraising Managers	Public relations managers direct the creation of materials that will enhance the public image of their employer or client. Fundraising managers coordinate campaigns that bring in donations for their organization.	Bachelor's degree	\$130,480
Wholesale and Manufacturing Sales Representatives	Wholesale and manufacturing sales representatives sell goods for wholesalers or manufacturers to businesses, government agencies, and other organizations.		\$73,080
Writers and Authors	Writers and authors develop written content for various types of media.	Bachelor's degree	\$73,690

COMPUTER SCIENCE-

Quick Facts: Computer and Information Research Scientists	
2023 Median Pay	\$145,080 per year \$69.75 per hour
Typical Entry-Level Education	Master's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	36,500
Job Outlook, 2022-32	23% (Much faster than average)
Employment Change, 2022-32	8,300

What Computer and Information Research Scientists Do

Computer and information research scientists design innovative uses for new and existing computing technology.

Work Environment

Most computer and information research scientists work full time.

How to Become a Computer and Information Research Scientist

Computer and information research scientists typically need at least a master's degree in computer science or a related field. In the federal government, a bachelor's degree may be sufficient for some jobs.

Pay

The median annual wage for computer and information research scientists was \$145,080 in May 2023.

Job Outlook

Employment of computer and information research scientists is projected to grow 23 percent from 2022 to 2032, much faster than the average for all occupations.

About 3,400 openings for computer and information research scientists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Computer and Information Systems Managers	Computer and information systems managers plan, coordinate, and direct computer-related activities in an organization.	Bachelor's degree	\$169,510
Computer Hardware Engineers	Computer hardware engineers research, design, develop, and test computer systems and components.	Bachelor's degree	\$138,080
Computer Network Architects	Computer network architects design and implement data communication networks, including local area networks (LANs), wide area networks (WANs), and intranets.	Bachelor's degree	\$129,840
Computer Programmers	Computer programmers write, modify, and test code and scripts that allow computer software and applications to function properly.	Bachelor's degree	\$99,700
Computer Systems Analysts	Computer systems analysts study an organization's current computer systems and design ways to improve efficiency.	Bachelor's degree	\$103,800
Data Scientists	Data scientists use analytical tools and techniques to extract meaningful insights from data.	Bachelor's degree	\$108,020
Database Administrators and Architects	Database administrators and architects create or organize systems to store and secure data.	Bachelor's degree	\$117,450
Information Security Analysts	Information security analysts plan and carry out security measures to protect an organization's computer networks and systems.	Bachelor's degree	\$120,360
Network and Computer Systems Administrators	Network and computer systems administrators install, configure, and maintain organizations' computer networks and systems.	Bachelor's degree	\$95,360
Software Developers, Quality Assurance Analysts, and Testers	Software developers design computer applications or programs. Software quality assurance analysts and testers identify problems with applications or programs and report defects.	Bachelor's degree	\$130,160

Top Executives	Top executives plan strategies and policies to ensure that an organization meets its goals.	Bachelor's degree	\$103,840
Web Developers and Digital Designers	Web developers create and maintain websites. Digital designers develop, create, and test website or interface layout, functions, and navigation for usability.	Bachelor's degree	\$92,750

COUNSELING-

Quick Facts: Substance Abuse, Behavioral Disorder, and Mental Health Counselors	
2023 Median Pay	\$53,710 per year \$25.82 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	388,200
Job Outlook, 2022-32	18% (Much faster than average)
Employment Change, 2022-32	71,500

What Substance Abuse, Behavioral Disorder, and Mental Health Counselors Do

Substance abuse, behavioral disorder, and mental health counselors advise people on a range of issues, such as those relating to alcoholism, addictions, or depression.

Work Environment

Substance abuse, behavioral disorder, and mental health counselors work in a variety of settings, such as mental health centers, community health centers, and private practice. Most work full time, although part-time work is common.

How to Become a Substance Abuse, Behavioral Disorder, or Mental Health Counselor

Education and training requirements vary for entering these occupations. Substance abuse and behavioral disorder counselors typically need at least a bachelor's degree, whereas mental health counselors typically need a master's degree and an internship. Some counselors need a state-issued license.

Pay

The median annual wage for substance abuse, behavioral disorder, and mental health counselors was \$53,710 in May 2023.

Job Outlook

Employment of substance abuse, behavioral disorder, and mental health counselors is projected to grow 18 percent from 2022 to 2032, much faster than the average for all occupations.

About 42,000 openings for substance abuse, behavioral disorder, and mental health counselors are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Health Education Specialists	Health education specialists develop programs to teach people about conditions affecting well-being.	Bachelor's degree	\$62,860
Marriage and Family Therapists	Marriage and family therapists diagnose and treat cognitive, behavioral, or similar disorders in the context of couples and other relationships.	Master's degree	\$58,510
Physicians and Surgeons	Physicians and surgeons diagnose and treat injuries or illnesses and address health maintenance.	Doctoral or professional degree	This wage is equal to or greater than \$239,200 per year.
Probation Officers and Correctional Treatment Specialists	Probation officers and correctional treatment specialists assist in rehabilitating law offenders in custody or on probation or parole.	Bachelor's degree	\$61,800
Psychologists	Psychologists study cognitive, emotional, and social processes and behavior by observing, interpreting, and recording how people relate to one another and to their environments.		\$92,740
Registered Nurses	Registered nurses (RNs) provide and coordinate patient care and educate patients and the public about various health conditions.	Bachelor's degree	\$86,070
Rehabilitation Counselors	Rehabilitation counselors help people with physical, mental, developmental, or emotional disabilities live independently.	Master's degree	\$44,040
School and Career Counselors and Advisors	School counselors help students develop academic and social skills. Career counselors and advisors help people choose a path to employment.	Master's degree	\$61,710
Social and Community Service Managers	Social and community service managers coordinate and supervise programs and organizations that support public well-being.	Bachelor's degree	\$77,030
Social and Human Service Assistants	Social and human service assistants provide client services in a variety of fields, such as psychology, rehabilitation, and social work.	High school diploma or equivalent	\$41,410

Social Workers	Social workers help people prevent and cope with problems in their everyday lives.		\$58,380
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CRIMINAL JUSTICE-

Quick Facts: Police and Detectives	
2023 Median Pay	\$74,910 per year \$36.02 per hour
Typical Entry-Level Education	See How to Become One
Work Experience in a Related Occupation	See How to Become One
On-the-job Training	Moderate-term on-the-job training
Number of Jobs, 2022	808,700
Job Outlook, 2022-32	3% (As fast as average)
Employment Change, 2022-32	23,800

What Police and Detectives Do

Police officers protect lives and property. Detectives and criminal investigators gather facts and collect evidence of possible crimes.

Work Environment

Police and detective work can be physically demanding, stressful, and dangerous. Police and sheriff's patrol officers and transit and railroad police have some of the highest rates of injuries and illnesses of all occupations. Working around the clock in shifts is common.

How to Become a Police Officer or Detective

The education typically required to enter the occupation ranges from a high school diploma to a college degree. Most police and detectives must graduate from their agency's training academy before completing on-the-job training. Other requirements vary, but candidates usually must be at least 21 years old and able to meet rigorous physical and personal qualifications.

Pay

The median annual wage for police and detectives was \$74,910 in May 2023.

Job Outlook

Overall employment of police and detectives is projected to grow 3 percent from 2022 to 2032, about as fast as the average for all occupations.

About 64,500 openings for police and detectives are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Correctional Officers and Bailiffs	Correctional officers guard people in penal institutions and guard those in transit between jail, courtroom, prison, or other point. Bailiffs are law enforcement officers who maintain order in courtrooms.	High school diploma or equivalent	\$53,290
Emergency Management Directors	Emergency management directors prepare plans and procedures for responding to natural disasters or other emergencies. They also help lead the response during and after emergencies.	Bachelor's degree	\$83,960
EMTs and Paramedics	Emergency medical technicians (EMTs) and paramedics assess injuries and illnesses, provide emergency medical care, and may transport patients to medical facilities.	Postsecondary nondegree award	\$44,780
Fire Inspectors	Fire inspectors detect fire hazards, recommend prevention measures, ensure compliance with state and local fire regulations, and investigate causes of fires.		\$71,420
Firefighters	Firefighters control and put out fires and respond to emergencies involving life, property, or the environment.	Postsecondary nondegree award	\$57,120
Forensic Science Technicians	Forensic science technicians aid criminal investigations by collecting and analyzing evidence.	Bachelor's degree	\$64,940
Private Detectives and Investigators	Private detectives and investigators gather, analyze, and report information to clients regarding legal or personal matters.	High school diploma or equivalent	\$49,540
Probation Officers and Correctional Treatment Specialists	Probation officers and correctional treatment specialists assist in rehabilitating law offenders in custody or on probation or parole.	Bachelor's degree	\$61,800
Security Guards and Gambling Surveillance Officers	Security guards and gambling surveillance officers protect property from illegal activity.	High school diploma or equivalent	\$37,090

GRAPHIC DESIGN-

Quick Facts: Graphic Designers	
2023 Median Pay	\$58,910 per year \$28.32 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	270,900
Job Outlook, 2022-32	3% (As fast as average)
Employment Change, 2022-32	8,900

What Graphic Designers Do

Graphic designers create visual concepts, using computer software or by hand, to communicate ideas that inspire, inform, and captivate consumers.

Work Environment

Many of these workers are employed in specialized design services, publishing, or advertising, public relations, and related services industries.

How to Become a Graphic Designer

Graphic designers usually need a bachelor's degree in graphic design or a related field. Candidates for graphic design positions should have a portfolio that demonstrates their creativity and originality.

Pay

The median annual wage for graphic designers was \$58,910 in May 2023.

Job Outlook

Employment of graphic designers is projected to grow 3 percent from 2022 to 2032, about as fast as the average for all occupations.

About 22,800 openings for graphic designers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Art Directors	Art directors are responsible for the visual style and images in magazines, newspapers, product packaging, and movie and television productions.	Bachelor's degree	\$106,500
Craft and Fine Artists	Craft and fine artists use a variety of materials and techniques to create art for sale and exhibition.		\$52,910
Desktop Publishers	Desktop publishers use computer software to design page layouts for items that are printed or published online.	Associate's degree	\$51,290
Drafters	Drafters use software to convert the designs of engineers and architects into technical drawings.	Associate's degree	\$62,530
Industrial Designers	Industrial designers combine art, business, and engineering to develop the concepts for manufactured products.	Bachelor's degree	\$76,250
Special Effects Artists and Animators	Special effects artists and animators create images that appear to move and visual effects for various forms of media and entertainment.	Bachelor's degree	\$99,060
Technical Writers	Technical writers prepare instruction manuals, how-to guides, journal articles, and other supporting documents to communicate complex and technical information more easily.	Bachelor's degree	\$80,050
Web Developers and Digital Designers	Web developers create and maintain websites. Digital designers develop, create, and test website or interface layout, functions, and navigation for usability.	Bachelor's degree	\$92,750

DIGITAL MEDIA AND MARKETING-

Quick Facts: Advertising, Promotions, and Marketing Managers	
2023 Median Pay	\$156,580 per year \$75.28 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	<u>See How to Become One</u>
On-the-job Training	None
Number of Jobs, 2022	389,000
Job Outlook, 2022-32	6% (Faster than average)
Employment Change, 2022-32	24,300

What Advertising, Promotions, and Marketing Managers Do

Advertising, promotions, and marketing managers plan programs to generate interest in products or services.

Work Environment

Advertising, promotions, and marketing managers typically work in an office setting. They may travel to meet with clients or media representatives. Most of these managers work full time, and some work more than 40 hours per week.

How to Become an Advertising, Promotions, or Marketing Manager

Advertising, promotions, and marketing managers typically need a bachelor's degree. They also typically need work experience in a related occupation.

Pay

The median annual wage for advertising and promotions managers was \$131,870 in May 2023.

The median annual wage for marketing managers was \$157,620 in May 2023.

Job Outlook

Overall employment of advertising, promotions, and marketing managers is projected to grow 6 percent from 2022 to 2032, faster than the average for all occupations.

About 34,000 openings for advertising, promotions, and marketing managers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Advertising Sales Agents	Advertising sales agents sell advertising space to businesses and individuals.	High school diploma or equivalent	\$61,270
Art Directors	Art directors are responsible for the visual style and images in magazines, newspapers, product packaging, and movie and television productions.	Bachelor's degree	\$106,500
Editors	Editors plan, review, and revise content for publication.	Bachelor's degree	\$75,020
Financial Managers	Financial managers create financial reports, direct investment activities, and develop plans for the long-term financial goals of their organization.	Bachelor's degree	\$156,100
Graphic Designers	Graphic designers create visual concepts, using computer software or by hand, to communicate ideas that inspire, inform, and captivate consumers.	Bachelor's degree	\$58,910
Market Research Analysts	Market research analysts study consumer preferences, business conditions, and other factors to assess potential sales of a product or service.	Bachelor's degree	\$74,680
Project Management Specialists	Project management specialists coordinate the budget, schedule, staffing, and other details of a project.	Bachelor's degree	\$98,580
Public Relations and Fundraising Managers	Public relations managers direct the creation of materials that will enhance the public image of their employer or client. Fundraising managers coordinate campaigns that bring in donations for their organization.	Bachelor's degree	\$130,480
Public Relations Specialists	Public relations specialists create and maintain a positive public image for the clients they represent.	Bachelor's degree	\$66,750
Sales Managers	Sales managers direct organizations' sales teams.	Bachelor's degree	\$135,160

ENGLISH-

Quick Facts: Writers and Authors	
2023 Median Pay	\$73,690 per year \$35.43 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	Long-term on-the-job training
Number of Jobs, 2022	151,200
Job Outlook, 2022-32	4% (As fast as average)
Employment Change, 2022-32	5,600

What Writers and Authors Do

Writers and authors develop written content for various types of media.

Work Environment

Writers and authors may work anywhere they have access to a computer. Many writers and authors are self-employed.

How to Become a Writer or Author

A college degree in English, communications, or journalism is generally required for a full-time position as a writer or author. Experience gained through internships or any writing that improves skill, such as blogging, is beneficial.

Pay

The median annual wage for writers and authors was \$73,690 in May 2023.

Job Outlook

Employment of writers and authors is projected to grow 4 percent from 2022 to 2032, about as fast as the average for all occupations.

About 15,500 openings for writers and authors are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Announcers and DJs	Announcers present news and sports or may interview guests on media such as radio and television. Disc jockeys (DJs) act as masters of ceremonies (emcees) or play recorded music at weddings, parties, or clubs.	<u>See How to Become One</u>	The annual wage is not available.
Editors	Editors plan, review, and revise content for publication.	Bachelor's degree	\$75,020
News Analysts, Reporters, and Journalists	News analysts, reporters, and journalists keep the public updated about current events and noteworthy information.	Bachelor's degree	\$57,500
Public Relations and Fundraising Managers	Public relations managers direct the creation of materials that will enhance the public image of their employer or client. Fundraising managers coordinate campaigns that bring in donations for their organization.	Bachelor's degree	\$130,480
Public Relations Specialists	Public relations specialists create and maintain a positive public image for the clients they represent.	Bachelor's degree	\$66,750
Technical Writers	Technical writers prepare instruction manuals, how-to guides, journal articles, and other supporting documents to communicate complex and technical information more easily.	Bachelor's degree	\$80,050

EXERCISE SCIENCE-

Quick Facts: Exercise Physiologists	
2023 Median Pay	\$54,860 per year \$26.38 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	16,500
Job Outlook, 2022-32	10% (Much faster than average)
Employment Change, 2022-32	1,700

What Exercise Physiologists Do

Exercise physiologists develop fitness and exercise programs to help people improve their health.

Work Environment

Most exercise physiologists are self-employed or work for hospitals. Exercise physiologists usually work full time, but part-time work may be common.

How to Become an Exercise Physiologist

Exercise physiologists typically need a bachelor's degree in exercise science, exercise physiology, or a related field to enter the occupation.

Pay

The median annual wage for exercise physiologists was \$54,860 in May 2023.

Job Outlook

Employment of exercise physiologists is projected to grow 10 percent from 2022 to 2032, much faster than the average for all occupations.

About 1,200 openings for exercise physiologists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Athletic Trainers	Athletic trainers specialize in preventing, diagnosing, and treating muscle and bone injuries and illnesses.	Master's degree	\$57,930
Chiropractors	Chiropractors evaluate and treat patients' neuromusculoskeletal system, which includes nerves, bones, muscles, ligaments, and tendons.	Doctoral or professional degree	\$76,530
Fitness Trainers and Instructors	Fitness trainers and instructors lead, instruct, and motivate individuals or groups in exercise activities.	High school diploma or equivalent	\$46,480
Health Education Specialists	Health education specialists develop programs to teach people about conditions affecting well-being.	Bachelor's degree	\$62,860
Occupational Therapists	Occupational therapists evaluate and treat people who have injuries, illnesses, or disabilities to help them with vocational, daily living, and other skills that promote independence.	Master's degree	\$96,370
Physical Therapists	Physical therapists help injured or ill people improve movement and manage pain.	Doctoral or professional degree	\$99,710
Recreational Therapists	Recreational therapists plan, direct, and coordinate recreation-based medical treatment programs for people with disabilities, injuries, or illnesses.	Bachelor's degree	\$57,120
Respiratory Therapists	Respiratory therapists care for patients who have trouble breathing—for example, because of a chronic condition such as asthma.	Associate's degree	\$77,960

FINANCE-

Quick Facts: Financial Analysts	
2023 Median Pay	\$99,890 per year \$48.02 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	376,100
Job Outlook, 2022-32	8% (Faster than average)
Employment Change, 2022-32	29,000

What Financial Analysts Do

Financial analysts guide businesses and individuals in decisions about expending money to attain profit.

Work Environment

Financial analysts work in offices. Most work full time, and some work more than 40 hours per week.

How to Become a Financial Analyst

Financial analysts typically need a bachelor's degree to enter the occupation.

Pay

The median annual wage for financial and investment analysts was \$99,010 in May 2023.

The median annual wage for financial risk specialists was \$106,090 in May 2023.

Job Outlook

Overall employment of financial analysts is projected to grow 8 percent from 2022 to 2032, faster than the average for all occupations.

About 27,400 openings for financial analysts are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Budget Analysts	Budget analysts help public and private organizations plan their finances.	Bachelor's degree	\$84,940
Data Scientists	Data scientists use analytical tools and techniques to extract meaningful insights from data.	Bachelor's degree	\$108,020
Financial Managers	Financial managers create financial reports, direct investment activities, and develop plans for the long-term financial goals of their organization.	Bachelor's degree	\$156,100
Insurance Underwriters	Insurance underwriters evaluate insurance applications and decide whether to approve them.	Bachelor's degree	\$77,860
Personal Financial Advisors	Personal financial advisors provide advice to help individuals manage their money and plan for their financial future.	Bachelor's degree	\$99,580
Securities, Commodities, and Financial Services Sales Agents	Securities, commodities, and financial services sales agents connect buyers and sellers in financial markets.	Bachelor's degree	\$76,900

HEALTHCARE MANAGEMENT-

Quick Facts: Medical and Health Services Managers	
2023 Median Pay	\$110,680 per year \$53.21 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	Less than 5 years
On-the-job Training	None
Number of Jobs, 2022	509,500
Job Outlook, 2022-32	28% (Much faster than average)
Employment Change, 2022-32	144,700

What Medical and Health Services Managers Do

Medical and health services managers plan, direct, and coordinate the business activities of healthcare providers.

Work Environment

Most medical and health services managers work in healthcare facilities, including hospitals and nursing homes, and group medical practices. Most work full time, and some work more than 40 hours per week.

How to Become a Medical or Health Services Manager

Medical and health services managers typically need a bachelor's degree to enter the occupation; however, education requirements may vary. Prospective managers also typically need work experience in an administrative or clinical role in a hospital or other healthcare facility.

Pay

The median annual wage for medical and health services managers was \$110,680 in May 2023.

Job Outlook

Employment of medical and health services managers is projected to grow 28 percent from 2022 to 2032, much faster than the average for all occupations.

About 54,700 openings for medical and health services managers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Administrative Services and Facilities Managers	Administrative services and facilities managers plan, direct, and coordinate activities that help an organization run efficiently.	Bachelor's degree	\$104,900
Computer and Information Systems Managers	Computer and information systems managers plan, coordinate, and direct computer-related activities in an organization.	Bachelor's degree	\$169,510
Financial Managers	Financial managers create financial reports, direct investment activities, and develop plans for the long-term financial goals of their organization.	Bachelor's degree	\$156,100
Health Information Technologists and Medical Registrars	Health information technologists and medical registrars advise organizations on computerized healthcare systems and analyze clinical data.	Associate's degree	\$62,990
Human Resources Managers	Human resources managers plan, coordinate, and direct the administrative functions of an organization.	Bachelor's degree	\$136,350
Medical Records Specialists	Medical records specialists compile, process, and maintain patient files.	Postsecondary nondegree award	\$48,780
Purchasing Managers, Buyers, and Purchasing Agents	Buyers and purchasing agents buy products and services for organizations. Purchasing managers oversee the work of buyers and purchasing agents.	Bachelor's degree	\$77,180
Registered Nurses	Registered nurses (RNs) provide and coordinate patient care and educate patients and the public about various health conditions.	Bachelor's degree	\$86,070
Social and Community Service Managers	Social and community service managers coordinate and supervise programs and organizations that support public well-being.	Bachelor's degree	\$77,030
Top Executives	Top executives plan strategies and policies to ensure that an organization meets its goals.	Bachelor's degree	\$103,840

HISTORY-

Quick Facts: Historians	
2023 Median Pay	\$72,890 per year \$35.04 per hour
Typical Entry-Level Education	Master's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	3,500
Job Outlook, 2022-32	3% (As fast as average)
Employment Change, 2022-32	100

What Historians Do

Historians research, analyze, interpret, and write about the past by studying historical documents and sources.

Work Environment

Historians must travel to carry out research. Most work full time.

How to Become a Historian

Historians typically need at least a master's degree to enter the occupation. Those with a bachelor's degree in history may qualify for some entry-level positions, but most will find jobs in different fields.

Pay

The median annual wage for historians was \$72,890 in May 2023.

Job Outlook

Employment of historians is projected to grow 3 percent from 2022 to 2032, about as fast as the average for all occupations.

About 300 openings for historians are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Anthropologists and Archeologists	Anthropologists and archeologists study the origin, development, and behavior of humans.	Master's degree	\$63,800
Archivists, Curators, and Museum Workers	Archivists and curators oversee institutions' collections, such as of historical items or of artwork. Museum technicians and conservators prepare and restore items in those collections.		\$57,120
Economists	Economists conduct research, prepare reports, and evaluate issues related to monetary and fiscal policy. They also may collect and analyze statistical data.	Master's degree	\$115,730
Editors	Editors plan, review, and revise content for publication.	Bachelor's degree	\$75,020
Geographers	Geographers study the Earth and the distribution of its land, features, and inhabitants.	Bachelor's degree	\$90,880
High School Teachers	High school teachers teach academic lessons and various skills that students will need to attend college and to enter the job market.	Bachelor's degree	\$65,220
Political Scientists	Political scientists study the origin, development, and operation of political systems.	Master's degree	\$132,350
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.	<u>See How to Become One</u>	\$84,380
Sociologists	Sociologists study society and social behavior.	Master's degree	\$101,770
Writers and Authors	Writers and authors develop written content for various types of media.	Bachelor's degree	\$73,690

HUMAN RESOURCE MANAGEMENT-

Quick Facts: Human Resources Managers	
2023 Median Pay	\$136,350 per year \$65.55 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	5 years or more
On-the-job Training	None
Number of Jobs, 2022	191,600
Job Outlook, 2022-32	5% (Faster than average)
Employment Change, 2022-32	10,000

What Human Resources Managers Do

Human resources managers plan, coordinate, and direct the administrative functions of an organization.

Work Environment

Human resources managers are employed in nearly every industry. They work in offices, and most work full time during regular business hours. Some travel to attend professional meetings or to recruit employees.

How to Become a Human Resources Manager

Candidates typically need a combination of education and several years of related work experience to become a human resources manager. Although positions typically require a bachelor's degree, some require a master's degree.

Pay

The median annual wage for human resources managers was \$136,350 in May 2023.

Job Outlook

Employment of human resources managers is projected to grow 5 percent from 2022 to 2032, faster than the average for all occupations.

About 15,500 openings for human resources managers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Administrative Services and Facilities Managers	Administrative services and facilities managers plan, direct, and coordinate activities that help an organization run efficiently.	Bachelor's degree	\$104,900
Compensation and Benefits Managers	Compensation and benefits managers plan, develop, and oversee programs to pay employees.	Bachelor's degree	\$136,380
Compensation, Benefits, and Job Analysis Specialists	Compensation, benefits, and job analysis specialists oversee wage and nonwage programs that an organization provides to its employees in return for their work. They also evaluate position descriptions to determine details such as classification and salary.	Bachelor's degree	\$74,530
Human Resources Specialists	Human resources specialists recruit, screen, and interview job applicants and place newly hired workers in jobs. They also may handle compensation and benefits, training, and employee relations.	Bachelor's degree	\$67,650
Labor Relations Specialists	Labor relations specialists resolve employee-management disputes and negotiate labor contracts.	Bachelor's degree	\$89,980
Labor Relations Specialists	Labor relations specialists resolve employee-management disputes and negotiate labor contracts.	Bachelor's degree	\$89,980
Top Executives	Top executives plan strategies and policies to ensure that an organization meets its goals.	Bachelor's degree	\$103,840
Training and Development Managers	Training and development managers plan, coordinate, and direct skills- and knowledge-enhancement programs for an organization's staff.	Bachelor's degree	\$125,040
Training and Development Specialists	Training and development specialists plan and administer programs that improve the skills and knowledge of their employees.	Bachelor's degree	\$64,340

LIBERAL STUDIES-

Quick Facts: Kindergarten and Elementary School Teachers	
2023 Median Pay	\$63,670 per year
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	1,548,400
Job Outlook, 2022-32	1% (Little or no change)
Employment Change, 2022-32	10,700

What Kindergarten and Elementary School Teachers Do

Kindergarten and elementary school teachers instruct young students in basic subjects in order to prepare them for future schooling.

Work Environment

Kindergarten and elementary school teachers work in public and private schools. They generally work during school hours when students are present and use nights and weekends to prepare lessons and grade papers. Most kindergarten and elementary school teachers do not work during the summer.

How to Become a Kindergarten or Elementary School Teacher

Kindergarten and elementary school teachers usually must have at least a bachelor's degree. In addition, public school teachers must have a state-issued certification or license.

Pay

The median annual wage for elementary school teachers, except special education was \$63,680 in May 2023.

The median annual wage for kindergarten teachers, except special education was \$62,690 in May 2023.

Job Outlook

Overall employment of kindergarten and elementary school teachers is projected to show little or no change from 2022 to 2032.

Despite limited employment growth, about 109,000 openings for kindergarten and elementary school teachers are projected each year, on average, over the decade. Most of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Adult Basic and Secondary Education and ESL Teachers	Adult basic and secondary education and ESL (English as a Second Language) teachers instruct adults in fundamental skills, such as reading and speaking English. They also help students earn their high school equivalency credential.	Bachelor's degree	\$60,560
Career and Technical Education Teachers	Career and technical education teachers instruct students in various technical and vocational subjects, such as auto repair, healthcare, and culinary arts.	Bachelor's degree	\$63,580
High School Teachers	High school teachers teach academic lessons and various skills that students will need to attend college and to enter the job market.	Bachelor's degree	\$65,220
Instructional Coordinators	Instructional coordinators oversee school curriculums and teaching standards. They develop instructional material, implement it, and assess its effectiveness.	Master's degree	\$74,620
Librarians and Library Media Specialists	Librarians and library media specialists help people find information and conduct research for personal and professional use.	Master's degree	\$64,370
Library Technicians and Assistants	Library technicians and assistants help librarians with all aspects of running a library.	<u>See How to Become One</u>	\$36,700
Middle School Teachers	Middle school teachers educate students, typically in sixth through eighth grades.	Bachelor's degree	\$64,290
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.	<u>See How to Become One</u>	\$84,380
Preschool Teachers	Preschool teachers educate and care for children younger than age 5 who have not yet entered kindergarten.	<u>Associate's degree</u>	\$37,130
Special Education Teachers	Special education teachers work with students who have a wide range of learning, mental, emotional, and physical disabilities.	<u>Bachelor's degree</u>	\$65,910

Teacher Assistants	Teacher assistants work with a licensed teacher to give students additional attention and instruction.	<u>Some college, no degree</u>	\$35,550
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MATHEMATICS-

Quick Facts: Mathematicians and Statisticians	
2023 Median Pay	\$104,860 per year \$50.41 per hour
Typical Entry-Level Education	Master's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	35,600
Job Outlook, 2022-32	30% (Much faster than average)
Employment Change, 2022-32	10,600

What Mathematicians and Statisticians Do

Mathematicians and statisticians analyze data and apply computational techniques to solve problems.

Work Environment

The top employers of mathematicians and statisticians are the federal government and scientific research and development companies. Mathematicians and statisticians may work on teams with engineers, scientists, and other specialists.

How to Become a Mathematician or Statistician

Mathematicians and statisticians typically need at least a master's degree in mathematics or statistics. However, some positions are available to those with a bachelor's degree.

Pay

The median annual wage for mathematicians was \$116,440 in May 2023.

The median annual wage for statisticians was \$104,110 in May 2023.

Job Outlook

Overall employment of mathematicians and statisticians is projected to grow 30 percent from 2022 to 2032, much faster than the average for all occupations.

About 3,500 openings for mathematicians and statisticians are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Actuaries	Actuaries use mathematics, statistics, and financial theory to analyze the economic costs of risk and uncertainty.	Bachelor's degree	\$120,000
Computer Programmers	Computer programmers write, modify, and test code and scripts that allow computer software and applications to function properly.	Bachelor's degree	\$99,700
Computer Systems Analysts	Computer systems analysts study an organization's current computer systems and design ways to improve efficiency.	Bachelor's degree	\$103,800
Data Scientists	Data scientists use analytical tools and techniques to extract meaningful insights from data.	Bachelor's degree	\$108,020
Economists	Economists conduct research, prepare reports, and evaluate issues related to monetary and fiscal policy. They also may collect and analyze statistical data.	Master's degree	\$115,730
Financial Analysts	Financial analysts guide businesses and individuals in decisions about expending money to attain profit.	Bachelor's degree	\$99,890
Market Research Analysts	Market research analysts study consumer preferences, business conditions, and other factors to assess potential sales of a product or service.	Bachelor's degree	\$74,680
Operations Research Analysts	Operations research analysts use mathematics and logic to help solve complex issues.	Bachelor's degree	\$83,640
Physicists and Astronomers	Physicists and astronomers study the interactions of matter and energy.	Doctoral or professional degree	\$149,530
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380
Survey Researchers	Survey researchers design and conduct surveys and analyze data.	Master's degree	\$60,960

MUSIC-

Quick Facts: Musicians and Singers	
2023 Median Pay	\$39.14 per hour
Typical Entry-Level Education	No formal educational credential
Work Experience in a Related Occupation	None
On-the-job Training	Long-term on-the-job training
Number of Jobs, 2022	173,500
Job Outlook, 2022-32	1% (Little or no change)
Employment Change, 2022-32	2,100

What Musicians and Singers Do

Musicians and singers play instruments or sing for live audiences and in recording studios.

Work Environment

Musicians and singers often perform in settings such as concert halls, churches, and clubs. Part-time work is common, and work schedules may vary and include mornings, nights, or weekends.

How to Become a Musician or Singer

Musicians and singers typically do not need formal postsecondary education to enter the occupation. However, those pursuing careers in some genres, such as classical or opera, may choose to earn a bachelor's or higher degree. Musicians and singers need extensive training and regular practice to acquire their skills.

Pay

The median hourly wage for musicians and singers was \$39.14 in May 2023.

Job Outlook

Employment of musicians and singers is projected to show little or no change from 2022 to 2032.

Despite limited employment growth, about 22,600 openings for musicians and singers are projected each year, on average, over the decade. Most of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Actors	Actors express ideas and portray characters in theater, film, television, and other performing arts media.	Some college, no degree	The annual wage is not available.
Dancers and Choreographers	Dancers and choreographers use dance performances to express ideas and stories.		The annual wage is not available.
High School Teachers	High school teachers teach academic lessons and various skills that students will need to attend college and to enter the job market.	Bachelor's degree	\$65,220
Kindergarten and Elementary School Teachers	Kindergarten and elementary school teachers instruct young students in basic subjects in order to prepare them for future schooling.	Bachelor's degree	\$63,670
Middle School Teachers	Middle school teachers educate students, typically in sixth through eighth grades.	Bachelor's degree	\$64,290
Music Directors and Composers	Music directors lead musical groups during performances and recording sessions. Composers write and arrange original music in a variety of musical styles.	Bachelor's degree	\$62,590
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380
Producers and Directors	Producers and directors make business and creative decisions about film, television, stage, and other productions.	Bachelor's degree	\$82,510

PHYSICS-

Quick Facts: Physicists and Astronomers	
2023 Median Pay	\$149,530 per year \$71.89 per hour
Typical Entry-Level Education	Doctoral or professional degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	23,600
Job Outlook, 2022-32	5% (Faster than average)
Employment Change, 2022-32	1,100

What Physicists and Astronomers Do

Physicists and astronomers study the interactions of matter and energy.

Work Environment

Physicists and astronomers may work in offices, research laboratories, and observatories. Most physicists and astronomers work full time, and some work more than 40 hours per week.

How to Become a Physicist or Astronomer

Physicists and astronomers typically need a Ph.D. for jobs in research and academia. However, entry-level physicist jobs in the federal government typically require a bachelor's degree in physics.

Pay

The median annual wage for astronomers was \$127,930 in May 2023.

The median annual wage for physicists was \$155,680 in May 2023.

Job Outlook

Overall employment of physicists and astronomers is projected to grow 5 percent from 2022 to 2032, faster than the average for all occupations.

About 1,500 openings for physicists and astronomers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Biochemists and Biophysicists	Biochemists and biophysicists study the chemical and physical principles of living things and of biological processes.	Doctoral or professional degree	\$107,460
Chemists and Materials Scientists	Chemists and materials scientists research and analyze the chemical properties of substances to develop new materials, products, or knowledge.	Bachelor's degree	\$87,180
Computer and Information Research Scientists	Computer and information research scientists design innovative uses for new and existing computing technology.	Master's degree	\$145,080
Computer Hardware Engineers	Computer hardware engineers research, design, develop, and test computer systems and components.	Bachelor's degree	\$138,080
Electrical and Electronics Engineers	Electrical engineers design, develop, test, and supervise the manufacture of electrical equipment.	Bachelor's degree	\$109,010
Geoscientists	Geoscientists study the physical aspects of the Earth.	Bachelor's degree	\$92,580
Materials Engineers	Materials engineers develop, process, and test materials used to create a wide range of products.	Bachelor's degree	\$104,100
Mathematicians and Statisticians	Mathematicians and statisticians analyze data and apply computational techniques to solve problems.	Master's degree	\$104,860
Medical Dosimetrists	Medical dosimetrists calculate doses of radiation and design and oversee treatment plans for patients with cancer and other serious diseases.	Bachelor's degree	\$132,880
Nuclear Engineers	Nuclear engineers research and develop projects or address problems concerning the release, control, and use of nuclear energy and nuclear waste disposal.	Bachelor's degree	\$125,460
<u>Postsecondary Teachers</u>	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380

POLITICAL SCIENCE-

Quick Facts: Political Scientists	
2023 Median Pay	\$132,350 per year \$63.63 per hour
Typical Entry-Level Education	Master's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	6,200
Job Outlook, 2022-32	7% (Faster than average)
Employment Change, 2022-32	400

What Political Scientists Do

Political scientists study the origin, development, and operation of political systems.

Work Environment

Political scientists typically work full time in an office. They sometimes work additional hours to finish reports and meet deadlines.

How to Become a Political Scientist

To enter the occupation, political scientists typically need at least a master's degree in political science, public administration, or a related field.

Pay

The median annual wage for political scientists was \$132,350 in May 2023.

Job Outlook

Employment of political scientists is projected to grow 7 percent from 2022 to 2032, faster than the average for all occupations.

About 600 openings for political scientists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Anthropologists and Archeologists	Anthropologists and archeologists study the origin, development, and behavior of humans.	Master's degree	\$63,800
Economists	Economists conduct research, prepare reports, and evaluate issues related to monetary and fiscal policy. They also may collect and analyze statistical data.	Master's degree	\$115,730
Geographers	Geographers study the Earth and the distribution of its land, features, and inhabitants.	Bachelor's degree	\$90,880
Historians	Historians research, analyze, interpret, and write about the past by studying historical documents and sources.	Master's degree	\$72,890
Market Research Analysts	Market research analysts study consumer preferences, business conditions, and other factors to assess potential sales of a product or service.	Bachelor's degree	\$74,680
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.	<u>See How to Become One</u>	\$84,380
Sociologists	Sociologists study society and social behavior.	Master's degree	\$101,770
Survey Researchers	Survey researchers design and conduct surveys and analyze data.	Master's degree	\$60,960
Urban and Regional Planners	Urban and regional planners develop comprehensive plans and programs for use of land and physical facilities in cities, counties, metropolitan areas, and other jurisdictions.	Master's degree	\$81,800

PSYCHOLOGY-

Quick Facts: Psychologists	
2023 Median Pay	\$92,740 per year \$44.59 per hour
Typical Entry-Level Education	See How to Become One
Work Experience in a Related Occupation	None
On-the-job Training	Internship/residency
Number of Jobs, 2022	196,000
Job Outlook, 2022-32	6% (Faster than average)
Employment Change, 2022-32	12,000

What Psychologists Do

Psychologists study cognitive, emotional, and social processes and behavior by observing, interpreting, and recording how people relate to one another and to their environments.

Work Environment

Psychologists work in a variety of settings, such as schools, hospitals, and private practice. Most are full time, but part-time work is common. Some work evenings or weekends to accommodate their clients' schedules.

How to Become a Psychologist

Psychologists typically need an advanced degree, such as a master's or doctoral degree, in psychology. Licensing requirements vary by state and position.

Pay

The median annual wage for psychologists was \$92,740 in May 2023.

Job Outlook

Overall employment of psychologists is projected to grow 6 percent from 2022 to 2032, faster than the average for all occupations.

About 12,800 openings for psychologists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Market Research Analysts	Market research analysts study consumer preferences, business conditions, and other factors to assess potential sales of a product or service.	Bachelor's degree	\$74,680
Marriage and Family Therapists	Marriage and family therapists diagnose and treat cognitive, behavioral, or similar disorders in the context of couples and other relationships.	Master's degree	\$58,510
Physicians and Surgeons	Physicians and surgeons diagnose and treat injuries or illnesses and address health maintenance.	Doctoral or professional degree	This wage is equal to or greater than \$239,200 per year.
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380
School and Career Counselors and Advisors	School counselors help students develop academic and social skills. Career counselors and advisors help people choose a path to employment.	Master's degree	\$61,710
Social Workers	Social workers help people prevent and cope with problems in their everyday lives.		\$58,380
Sociologists	Sociologists study society and social behavior.	Master's degree	\$101,770
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	Substance abuse, behavioral disorder, and mental health counselors advise people on a range of issues, such as those relating to alcoholism, addictions, or depression.	Bachelor's degree	\$53,710
Survey Researchers	Survey researchers design and conduct surveys and analyze data.	Master's degree	\$60,960
Training and Development Specialists	Training and development specialists plan and administer programs that improve the skills and knowledge of their employees.	Bachelor's degree	\$64,340

SOCIAL WORK-

Quick Facts: Social Workers	
2023 Median Pay	\$58,380 per year \$28.07 per hour
Typical Entry-Level Education	See How to Become One
Work Experience in a Related Occupation	None
On-the-job Training	See How to Become One
Number of Jobs, 2022	728,600
Job Outlook, 2022-32	7% (Faster than average)
Employment Change, 2022-32	53,800

What Social Workers Do

Social workers help people prevent and cope with problems in their everyday lives.

Work Environment

Social workers are employed in a variety of settings, including child welfare and human service agencies, healthcare providers, and schools. Most work full time, and some work evenings, weekends, and holidays.

How to Become a Social Worker

Social workers typically need a bachelor's or master's degree in social work from a program accredited by the [Council on Social Work Education](#). They also may need a license; specific requirements vary by state.

Clinical social workers need a master's degree, supervised clinical experience, and a license from the state in which they practice.

Pay

The median annual wage for social workers was \$58,380 in May 2023.

Job Outlook

Overall employment of social workers is projected to grow 7 percent from 2022 to 2032, faster than the average for all occupations.

About 63,800 openings for social workers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Health Education Specialists	Health education specialists develop programs to teach people about conditions affecting well-being.	Bachelor's degree	\$62,860
Marriage and Family Therapists	Marriage and family therapists diagnose and treat cognitive, behavioral, or similar disorders in the context of couples and other relationships.	Master's degree	\$58,510
Probation Officers and Correctional Treatment Specialists	Probation officers and correctional treatment specialists assist in rehabilitating law offenders in custody or on probation or parole.	Bachelor's degree	\$61,800
<u>Psychologists</u>	Psychologists study cognitive, emotional, and social processes and behavior by observing, interpreting, and recording how people relate to one another and to their environments.	<u>See How to Become One</u>	\$92,740
Rehabilitation Counselors	Rehabilitation counselors help people with physical, mental, developmental, or emotional disabilities live independently.	Master's degree	\$44,040
School and Career Counselors and Advisors	School counselors help students develop academic and social skills. Career counselors and advisors help people choose a path to employment.	Master's degree	\$61,710
Social and Community Service Managers	Social and community service managers coordinate and supervise programs and organizations that support public well-being.	Bachelor's degree	\$77,030
Social and Human Service Assistants	Social and human service assistants provide client services in a variety of fields, such as psychology, rehabilitation, and social work.	High school diploma or equivalent	\$41,410
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	Substance abuse, behavioral disorder, and mental health counselors advise people on a range of issues, such as those relating to alcoholism, addictions, or depression.	Bachelor's degree	\$53,710

SOCIOLOGY-

Quick Facts: Sociologists	
2023 Median Pay	\$101,770 per year \$48.93 per hour
Typical Entry-Level Education	Master's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	3,300
Job Outlook, 2022-32	5% (Faster than average)
Employment Change, 2022-32	100

What Sociologists Do

Sociologists study society and social behavior.

Work Environment

Sociologists typically work full time during regular business hours.

How to Become a Sociologist

Sociologists typically need at least a master's degree to enter the occupation.

Pay

The median annual wage for sociologists was \$101,770 in May 2023.

Job Outlook

Employment of sociologists is projected to grow 5 percent from 2022 to 2032, faster than the average for all occupations.

About 300 openings for sociologists are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Anthropologists and Archeologists	Anthropologists and archeologists study the origin, development, and behavior of humans.	Master's degree	\$63,800
Economists	Economists conduct research, prepare reports, and evaluate issues related to monetary and fiscal policy. They also may collect and analyze statistical data.	Master's degree	\$115,730
Geographers	Geographers study the Earth and the distribution of its land, features, and inhabitants.	Bachelor's degree	\$90,880
Historians	Historians research, analyze, interpret, and write about the past by studying historical documents and sources.	Master's degree	\$72,890
Mathematicians and Statisticians	Mathematicians and statisticians analyze data and apply computational techniques to solve problems.	Master's degree	\$104,860
Political Scientists	Political scientists study the origin, development, and operation of political systems.	Master's degree	\$132,350
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380
Psychologists	Psychologists study cognitive, emotional, and social processes and behavior by observing, interpreting, and recording how people relate to one another and to their environments.		\$92,740
Social Workers	Social workers help people prevent and cope with problems in their everyday lives.		\$58,380
Survey Researchers	Survey researchers design and conduct surveys and analyze data.	<u>Master's degree</u>	\$60,960
Urban and Regional Planners	Urban and regional planners develop comprehensive plans and programs for use of land and physical facilities in cities, counties, metropolitan areas, and other jurisdictions.	<u>Master's degree</u>	\$81,800

SPANISH-

Quick Facts: Interpreters and Translators	
2023 Median Pay	\$57,090 per year \$27.45 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	None
On-the-job Training	None
Number of Jobs, 2022	68,700
Job Outlook, 2022-32	4% (As fast as average)
Employment Change, 2022-32	3,000

What Interpreters and Translators Do

Interpreters and translators convert information from one language into another language.

Work Environment

Interpreters and translators work in settings such as schools, hospitals, courtrooms, meeting rooms, and conference centers. Part-time work is common, and work schedules may vary.

How to Become an Interpreter or Translator

Interpreters and translators typically need at least a bachelor's degree to enter the occupation. They also must be proficient in English and at least one other language, as well as in the interpretation or translation service they intend to provide.

Pay

The median annual wage for interpreters and translators was \$57,090 in May 2023.

Job Outlook

Employment of interpreters and translators is projected to grow 4 percent from 2022 to 2032, about as fast as the average for all occupations.

About 7,200 openings for interpreters and translators are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Adult Basic and Secondary Education and ESL Teachers	Adult basic and secondary education and ESL (English as a Second Language) teachers instruct adults in fundamental skills, such as reading and speaking English. They also help students earn their high school equivalency credential.	Bachelor's degree	\$60,560
Career and Technical Education Teachers	Career and technical education teachers instruct students in various technical and vocational subjects, such as auto repair, healthcare, and culinary arts.	Bachelor's degree	\$63,580
Court Reporters and Simultaneous Captioners	Court reporters create word-for-word transcriptions at trials, depositions, and other legal proceedings. Simultaneous captioners provide similar transcriptions for television or for presentations in other settings, such as press conferences and business meetings, for people who are deaf or hard of hearing.	Postsecondary nondegree award	\$63,940
High School Teachers	High school teachers teach academic lessons and various skills that students will need to attend college and to enter the job market.	Bachelor's degree	\$65,220
Kindergarten and Elementary School Teachers	Kindergarten and elementary school teachers instruct young students in basic subjects in order to prepare them for future schooling.	Bachelor's degree	\$63,670
Medical Transcriptionists	Medical transcriptionists use electronic devices to convert voice recordings from physicians and other healthcare workers into formal reports.	Postsecondary nondegree award	\$37,060
Middle School Teachers	Middle school teachers educate students, typically in sixth through eighth grades.	Bachelor's degree	\$64,290
Postsecondary Teachers	Postsecondary teachers instruct students in a variety of academic subjects beyond the high school level.		\$84,380
Special Education Teachers	Special education teachers work with students who have a wide range of learning, mental, emotional, and physical disabilities.	Bachelor's degree	\$65,910

Technical Writers	Technical writers prepare instruction manuals, how-to guides, journal articles, and other supporting documents to communicate complex and technical information more easily.	Bachelor's degree	\$80,050
Writers and Authors	Writers and authors develop written content for various types of media.	Bachelor's degree	\$73,690

SPORTS MANAGEMENT-

Quick Facts: Entertainment and Recreation Managers	
2023 Median Pay	\$73,460 per year \$35.32 per hour
Typical Entry-Level Education	Bachelor's degree
Work Experience in a Related Occupation	Less than 5 years
On-the-job Training	None
Number of Jobs, 2022	26,400
Job Outlook, 2022-32	8% (Faster than average)
Employment Change, 2022-32	2,200

What Entertainment and Recreation Managers Do

Entertainment and recreation managers plan, direct, and coordinate activities and operations related to fitness and leisure.

Work Environment

Entertainment and recreation managers typically work in various office settings, such as in recreational facilities or on cruise ships. However, many also spend time at event sites or outdoors, such as in parks. Most work full time. Work schedules may vary and can include nights, weekends, and holidays.

How to Become an Entertainment or Recreation Manager

Requirements vary for becoming an entertainment or recreation manager. Some workers typically need a bachelor's degree, while others enter the occupation with a high school diploma. Work experience is also important.

Pay

The median annual wage for entertainment and recreation managers was \$73,460 in May 2023.

Job Outlook

Employment of entertainment and recreation managers is projected to grow 8 percent from 2022 to 2032, faster than the average for all occupations.

About 3,100 openings for entertainment and recreation managers are projected each year, on average, over the decade. Many of those openings are expected to result from the need to replace workers who transfer to different occupations or exit the labor force, such as to retire.

Similar Occupations

OCCUPATION	JOB DUTIES	ENTRY-LEVEL EDUCATION	2023 MEDIAN PAY
Administrative Services and Facilities Managers	Administrative services and facilities managers plan, direct, and coordinate activities that help an organization run efficiently.	Bachelor's degree	\$104,900
Fitness Trainers and Instructors	Fitness trainers and instructors lead, instruct, and motivate individuals or groups in exercise activities.	High school diploma or equivalent	\$46,480
Fundraisers	Fundraisers organize events and campaigns to raise money and other kinds of donations for an organization.	Bachelor's degree	\$64,160
Lodging Managers	Lodging managers ensure that guests have a pleasant experience at an accommodations facility. They also plan, direct, or coordinate activities to ensure that the facility is efficient and profitable.	High school diploma or equivalent	\$65,360
Meeting, Convention, and Event Planners	Meeting, convention, and event planners arrange all aspects of events and professional gatherings.	Bachelor's degree	\$56,920
Recreation Workers	Recreation workers organize, conduct, and promote a variety of group activities for leisure and other purposes.	High school diploma or equivalent	\$34,410
Recreational Therapists	Recreational therapists plan, direct, and coordinate recreation-based medical treatment programs for people with disabilities, injuries, or illnesses.	Bachelor's degree	\$57,120
Travel Agents	Travel agents sell transportation, lodging, and entertainment activities to individuals and groups planning trips.	High school diploma or equivalent	\$47,410