

THE GREATER NEW ORLEANS JOBS REPORT 2022

PRESENTED BY



BANK OF AMERICA 



A word from Bank of America

As Bank of America works to expand its presence in the Greater New Orleans region, GNO, Inc. remains a strong partner. We are proud to continue our support of the Greater New Orleans Jobs Report.

In this year's report, you will find the current and projected middle and high skill occupational needs for five key industry sectors in the Greater New Orleans region—Advanced Manufacturing, Digital Media & Technology, Energy, Transportation & Logistics, and Health Sciences.

Workforce development is a top priority for Bank of America and the clients we serve. Working together, we can address workforce development and training needs that will help the region attract, retain, and expand businesses, create well-paying jobs, and grow revenues.

While recent years have been challenging, we join GNO, Inc.'s staff, board, and partners in the belief that opportunities to drive this region forward are within our reach. We hope the findings help inform your company's talent attraction and retention strategies and lay the groundwork for the future of work in Greater New Orleans.

On behalf of our entire Bank of America team, we thank GNO, Inc. for their leadership, vision, and commitment to strengthening our local community, investing in NextGen talent, and elevating economic progress for our region.

Sincerely,

Jonathan Matessino

President

Bank of America New Orleans / Baton Rouge



A word from GNO, Inc.

The secret ingredient to growing the economy in Greater New Orleans is talent, the men and women who power the companies that do remarkable work in our region's industries and will benefit the most from robust job opportunities. Building a stronger, more vibrant middle class in southeastern Louisiana will create an excellent quality of life, for everyone, and develop a more prosperous community for future generations.

The Greater New Orleans Jobs Report helps inform a system of higher education institutions and training providers align their curriculum and programming with workforce needs of our companies. This data will allow regional stakeholders to better partner on long-term programs that will connect people with high-demand, high-wage career opportunities.

There are many factors that can shift the trajectory of the region's economy – business announcements, private and government investments, and aspirational developments – as well as the evolution of new technologies and innovation. With a deeper understanding of current conditions, regional stakeholders can better prepare for occupational shifts and respond accordingly.

New in this year's report is a feature that highlights emerging industries in the Greater New Orleans. These pages each describe the overall economic opportunities and contain an example career profiles that provide details on the specific jobs that our residents can pursue education and training to work within. This will help futureproof the community and economy, and ensure that new innovations will have workers to perform the professions that come along with new business activities.

We encourage lawmakers, higher education leaders, and the heads of key industry sectors to review the pages of this report to gain a better understanding of the current labor conditions in Greater New Orleans as each make critical decisions that will impact the economic trajectory of the region.

This report is made possible by the generous support of Bank of America, whose team is dedicated to building a stronger economy and workforce in Greater New Orleans.

Sincerely,

Michael Hecht

President and CEO

Greater New Orleans, Inc.



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Introduction

The 2022 Greater New Orleans Jobs Report builds on GNO, Inc.'s commitment to provide informative and actionable data that can serve as a guide to stakeholders for strategic investments that maximize career pathways and wealth creation. In addition, the Jobs Report informs the workforce development and talent attraction initiatives at GNO, Inc. and ensures our efforts are aligned with high-wage, high-demand careers that can serve as vehicles for economic mobility. The occupations included in this year's edition of the Jobs Report represent both our region's foundational industries as well as emerging industry sectors.

With demand spanning both foundational and emerging industries, a "both/and" approach is critical to diversifying the economy and meeting the workforce needs of all employers and industries in Greater New Orleans. As the region continues to emerge and grow in a post-COVID environment, industry sectors are investing in new technologies and are experiencing an evolution that is creating new career pathways. The emerging profiles outlined in the report provide an opportunity to cultivate, with regional partners, equitable and inclusive talent pipelines that increase generational wealth and a great quality of life, for everyone.

METHODOLOGY

What follows in this report is an extensive overview of top occupations in the region. GNO, Inc. defines a top occupation as an career opportunity that:

- * Is comprised of at least 100 jobs as of 2021
- * Has a median hourly salary of at least \$19.64 (identified by the United Way of Southeast Louisiana as the wage needed to live comfortably in Greater New Orleans)
- * Experienced job growth from 2011–2021
- * Is related to at least one of GNO, Inc.'s six industry focus sectors: Advanced Manufacturing, Biosciences, Digital Media, Energy, Environmental Management, or Trade & Logistics

Notes: Because this report's focus is on immediate workforce needs, occupations that required a graduate degree or higher are not included in this report.

The data in this report was extracted from the labor market analytics platform Lightcast.

Regional Labor Market Outlook

As the macroeconomic winds continue to shift, Greater New Orleans is well-positioned to continue to develop its anchor industries and support the growth of new sectors. It is an economic imperative to work collaboratively to diversify our regional economy and ensure individuals have access to career opportunities in both emerging and foundational occupations. The growth of our region economy depends on the strength of the workforce and talent pipelines.

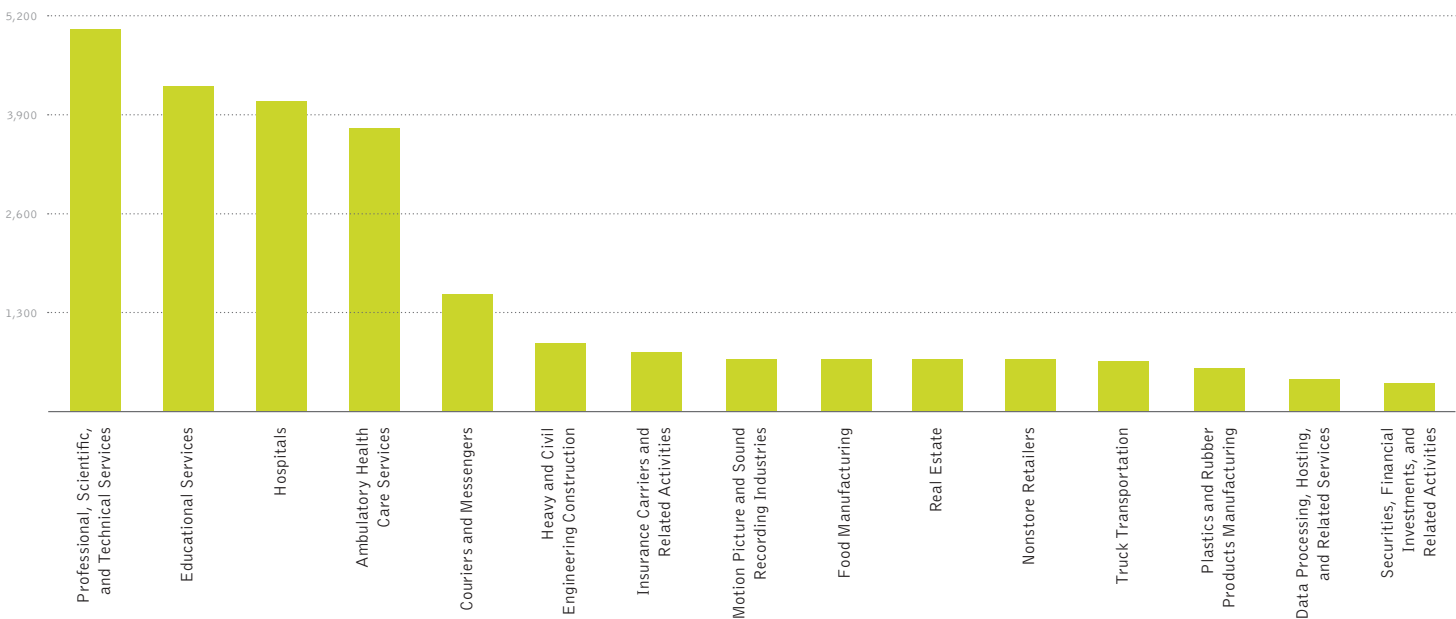
The workforce has seen a variety of shifts as individuals navigate through COVID and in a post-COVID economy.

INDUSTRY GROWTH

The GNO region has seen foundational and emerging industries shift over the years due to factors such as COVID, natural disasters, legislative actions, consumer preferences, and international conflicts. The chart below illustrates the industries in the region that have seen steady growth over the past decade. Healthcare and education sectors saw major demands due to COVID, contagious viruses, and additional public health crises that continue to occur.

Additionally, the professional services industry continues to see growth in the region that provides strong wages and economic mobility opportunities. Examples of occupations include project managers, software development, and engineering services to name a few. As new technologies emerge and global events occur, industries are shifting to meet the demand. Understanding where these shifts are occurring provides a snapshot of where workforce and educational resources should be allocated to ensure industries continue to grow and individuals can access these careers.

INDUSTRY GROWTH, 2012-2022

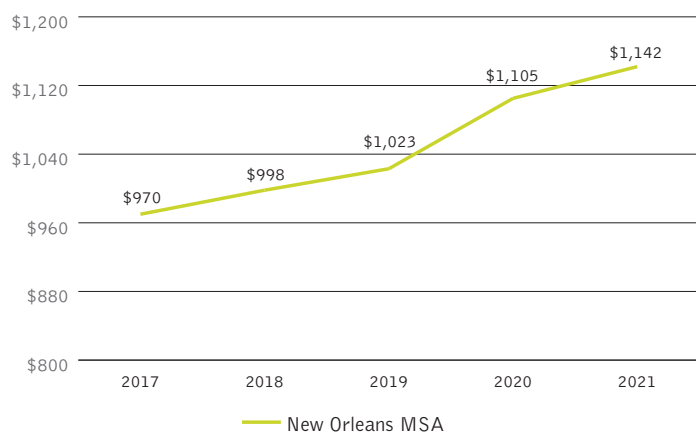


Source: Lightcast

WAGE GROWTH

Consumer spending and consumption are what make production worthwhile in the modern economy. Individuals can consume only if they have financial power. Employment in high-wage, high-demand careers is key to making a living and generating wealth within communities. The GNO region has seen steady growth in average weekly wages over the past 5 years. However, poverty rates continue to grow in the region. According to the United Way of Southeast Louisiana, 52 percent of Southeast Louisiana's population live below the ALICE (Asset, Limited, Income, Constrained, Employed) threshold. The growth of and access to high-wage, high-growth careers in the GNO region will aid the growth of weekly wages. The occupations outlined in this report provide insight into the careers that have seen high growth, strong wages, and economic mobility opportunities for individuals.

AVERAGE WEEKLY WAGES



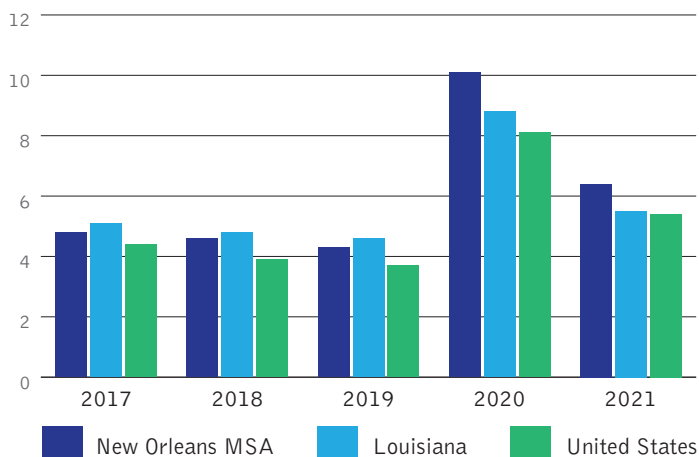
NOTE: Chart wages do not consider current inflation rates.

Source: Lightcast

UNEMPLOYMENT

Unemployment in the GNO region continues to be at a high level compared to the state and national rates. However, unemployment continues to see a steady decrease following the jump in 2020 due to COVID. Unemployment plays a role in industry growth and attraction efforts. Low unemployment rates have a direct effect on the strength of the economy and consumer power. The GNO region continues to see progress in unemployment. Efforts to provide accessible and equitable opportunities for individuals to reenter the workforce will help improve the unemployment rates.

UNEMPLOYMENT RATES

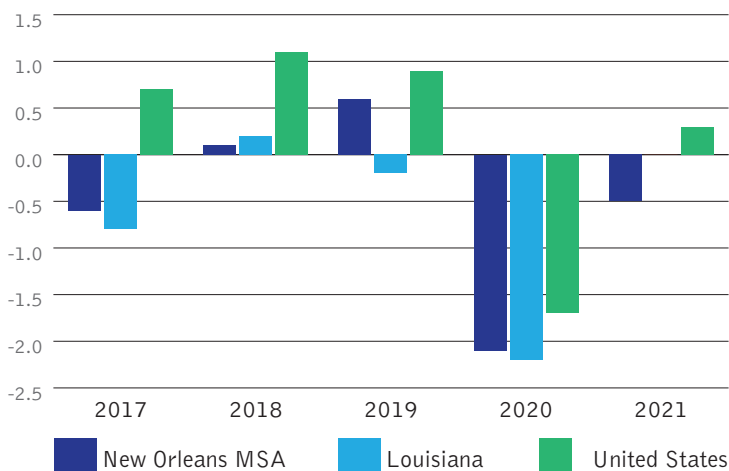


Source: Lightcast

LABOR FORCE PARTICIPATION

Labor force participation rates are another key indicator of the regional economy. This important metric measures the relative amount of talent available for employers in the region. The lower the participation rate, the more working-age residents in Greater New Orleans are sitting on the sidelines of our economy. The effects of labor non-participation are potentially significant, as this inhibits economic growth due to talent shortages. While the factors that contribute to downward trends in our regional labor participation rate are many, it will take a collaborative and systemic approach to ensure that working-eligible residents participate in the workforce.

CIVILIAN LABOR FORCE % CHANGE FROM PREVIOUS YEAR



Source: Lightcast

EDUCATIONAL ATTAINMENT

There is a strong correlation between educational attainment and economic prosperity. The more education one attains, the better insulated they are from economic shocks such as COVID. Educational attainment in the GNO region is strong and continues to see growth, particularly in high school graduation rates.

However, there is a need to develop additional education avenues post-high school to access high-wage careers. These avenues are not always the traditional path such as gaining a bachelor's degree or higher. These non-traditional pathways can take the form of apprenticeships, work-based learning, and on-the-job training.

The GNO region is an educational haven with strong institutions of learning and opportunities to expand accessible pathways to training, leading to high-growth careers. The occupations outlined in this report all require some form of education post-high school. As technologies emerge and industries shift, so will the workforce development and education needs to meet this demand.

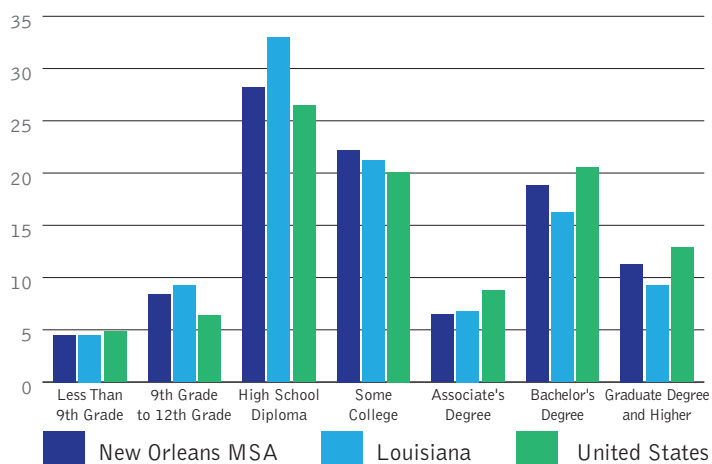
LOOKING AHEAD

The occupations outlined in this report show increased demand, high wages, and career mobility for individuals. Developing strong talent pipelines in these areas will aid in the continued economic growth of the region. Talent pipelines are also needed to fill the demand of emerging industries that are developing in the region. These emerging industries are diversifying the region's economy and providing new career opportunities for individuals.

Areas poised for growth in the region include Neurosciences, Logistics Job, Video Game Development, as well as Renewable Energy, such as Offshore Wind and Clean Hydrogen.

In the industry overviews that follow, each of these industries will begin with a highlight of one emerging occupation within that sector.

EDUCATIONAL ATTAINMENT



Source: Lightsource

GNO, Inc.'s Plan of Action

While the 2022 Jobs Report makes clear that career opportunities in dynamic industries abound in our region, it is important to note the various barriers that inhibit access to these opportunities.

From lack of awareness of pathways into high-wage, high-demand careers to affordability, the headwinds for many in our communities are prominent. However, with a coordinated all-of-system approach, programs can be developed and resources can be deployed to address these impediments.

GNO, Inc. is committed to working with partners across Greater New Orleans to develop robust and accessible talent pipelines with numerous on-ramps for every stage of a resident's employment journey. Our goal is to ensure residents can meaningfully engage with opportunities to transition into high-growth careers. Of particular emphasis is the development of robust pipelines that can serve as a bridge from traditional industries to emerging sectors.

The following workforce development priorities and supporting initiatives at GNO, Inc. underscore our commitment to creating a region with a thriving economy and an excellent quality of life, *for everyone*:

CALIBRATING EMPLOYER NEEDS AND LEARNING OPPORTUNITIES OFFERED AT OUR COLLEGES, UNIVERSITIES, AND TRAINING PROVIDERS

Ensure resources and partnerships are mobilized to support the development of demand-driven curricula and programs that meet the workforce needs of our regional employers and offer pathways into high-wage, high-demand careers.

GNO, Inc. Supporting Initiative: GNOu

CONVENING STAKEHOLDERS FROM ACROSS THE WORKFORCE DEVELOPMENT ECOSYSTEM

Lead ecosystem development efforts with workforce development stakeholders to ensure alignment among

resources, programming, and partnerships within the regional talent pipeline.

GNO, Inc. Supporting Initiatives: GNOu Summit and GNOu Industry Roundtables

BUILDING AWARENESS OF CAREER AND TRAINING OPPORTUNITIES IN GREATER NEW ORLEANS

Provide opportunities for secondary and post-secondary students, as well as adults, to explore high-growth careers in the region and develop resources for administrators, teachers, counselors, and interested stakeholders to facilitate career awareness. Connect job seekers to training and employment opportunities.

GNO, Inc. Supporting Initiatives: Relaunch of GNO Career Guide, GNO Jobs Report, GNO Region One Center for STEM, and WorkNOLA.com

COORDINATING EFFORTS WITH OUR 13 COLLEGES AND UNIVERSITIES TO BUILD OUR REGIONAL BRAND AS A DESTINATION FOR LEARNING

Promote the brand of Greater New Orleans as a national hub of learning and research and provide opportunities for high-level collaboration with our higher education leaders.

GNO, Inc. Supporting Initiatives: StudyNOLA and Greater New Orleans Higher Education Consortium

Though GNO, Inc. is confident that the efforts above will make a positive impact in the workforce landscape, we cannot approach the region's workforce challenges alone or in a silo. Informed interventions and partnerships across Greater New Orleans and the state of Louisiana are essential.



Advanced Manufacturing

With the NASA Michoud Assembly Facility, numerous food and beverage production facilities, and innovative manufacturing companies, this growing sector provides numerous pathways into high-wage, high-demand careers in Greater New Orleans. The skills needed for this field continue to evolve, as the industry is in a period of transition from legacy production to necessary competencies in robotics, electrical, and mechanical systems.

EMERGING OCCUPATION:

Clean Energy Manufacturing

An analysis of job postings for this profession from around the United States has identified the following skills as being the most in-demand:

In the wake of significant initiatives to develop a clean hydrogen sector, South Louisiana is well positioned to bridge to a higher-job, lower-carbon future. Specifically, a transition to the production and use of “clean” (zero-carbon) hydrogen (H₂) can preserve well-paying jobs that have been shed due to efficiencies created by the existing energy industry.

Clean hydrogen – in contrast to traditional hydrogen extracted from fossil fuels – is produced by splitting water (H₂O) with electrolyzers powered by renewable electricity, such as wind. These electrolyzers, and the equipment that will feed power to them, require the manufacturing of new equipment, and the resulting jobs in this sector will span the spectrum of skills, ranging from design, engineering, and construction, to operations, to long-term maintenance.

The new occupations will be diverse in the educational attainment and skills required for workers to excel. What follows below is an occupational profile that will be critical to supporting the long-term success of this growing sub-sector.

Valves
Instrumentation
Standard Operating Procedure
Preventive Maintenance
Lock Out/Tag Out
Rotating Equipment
Hand Tools
Calibration
Mechanical Systems
Electrical Systems



Career Profile: Industrial Engineering Technologists & Technicians

Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations in a variety of industries for purposes such as establishing standard production rates or improving efficiency.

KEY TASKS

- Troubleshoot or repair mechanical, hydraulic, or electrical malfunctions related to variable pitch systems, variable speed control systems, converter systems, or related components.
- Perform routine maintenance on wind turbine equipment, underground transmission systems, wind fields substations, or fiber optic sensing and control systems.
- Diagnose problems involving wind turbine generators or control systems.
- Test electrical components of wind systems with devices, such as voltage testers, multimeters, oscilloscopes, infrared testers, or fiber optic equipment.
- Start or restart wind turbine generator systems to ensure proper operations.

TYPICAL EDUCATION AND TRAINING

Associate's degree

SIMILAR OCCUPATIONS

Cost Estimators
Health and Safety Engineers
Industrial Engineers

Inspectors, Testers, Sorters, Samplers, and Weighers

Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.

2022 Jobs

2,133

2011 – 2021 % Change

+26%

Median Hourly Earnings

\$23.14

Skill Level

Middle

2022 Job Postings

393

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Moderate-term

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

None

TOP SKILLS

Construction

Application Programming Interface (API)

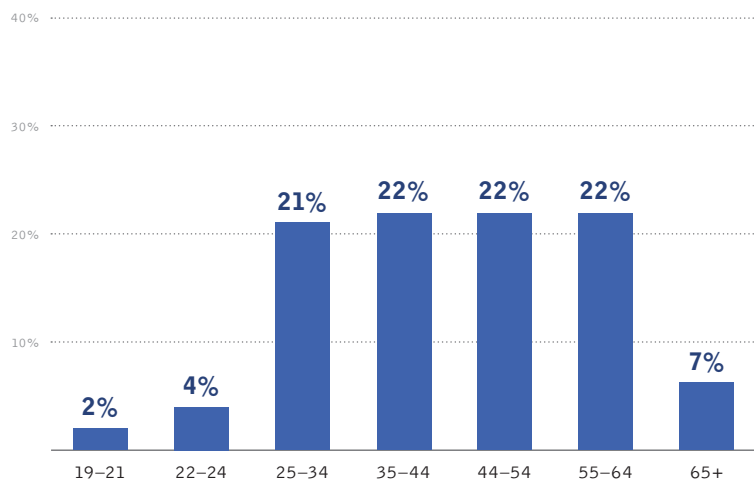
Corrective And Preventive Action (CAPA)

Refinery Experience

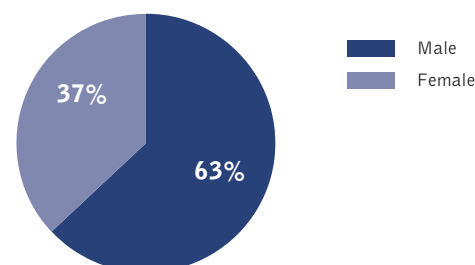
Auditing

DEMOGRAPHICS

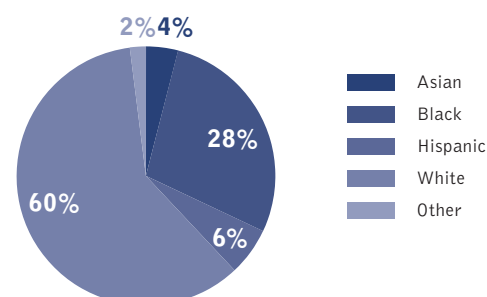
AGE



GENDER



RACE



Installation, Maintenance, and Repair Workers

All installation, maintenance, and repair workers not listed separately. Includes Operator Technician, Plant Mechanic, and Plant Technician.

2022 Jobs

1,971

2011 – 2021 % Change

+103%

Median Hourly Earnings

\$20.67

Skill Level

Middle

2022 Job Postings

120

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Moderate-term

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

Geology/Earth Science

Mechanic and Repair Technologies/Technicians, Other

Electrical/Electronics Maintenance and Repair Technologies/Technicians, Other

TOP SKILLS

Equipment Repair

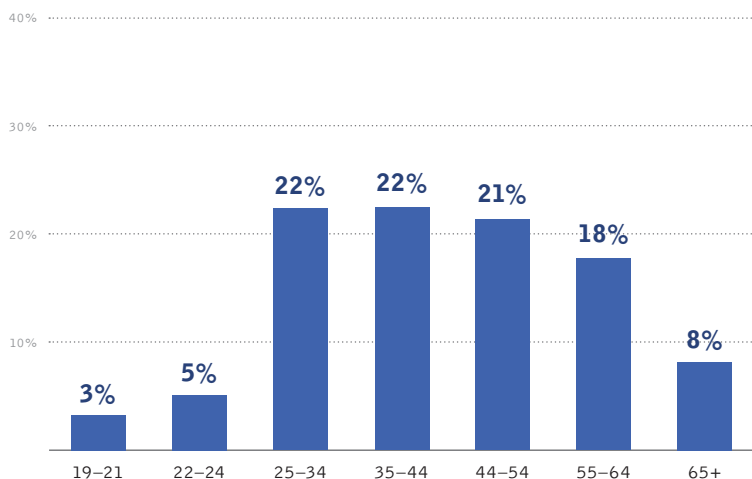
Auto Glass Installation And Repair

Customer Communications Management

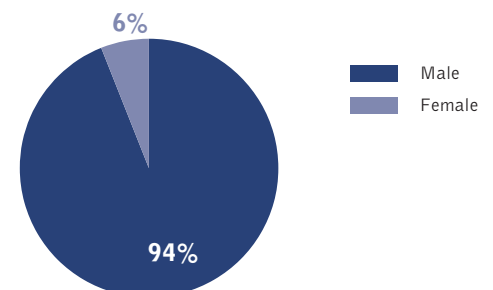
Resource Management
Supply Inventory

DEMOGRAPHICS

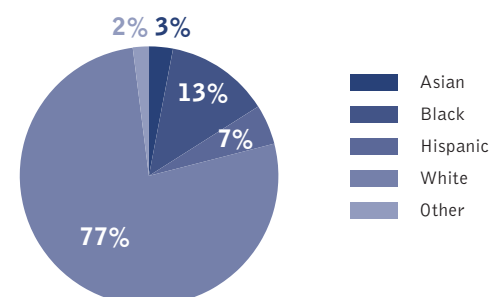
AGE



GENDER



RACE



Machinists

Set up and operate a variety of machine tools to produce precision parts and instruments out of metal. Includes precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines.

2022 Jobs

886

2011 – 2021 % Change

10%

Median Hourly Earnings

\$23.73

Skill Level

Middle

2022 Job Postings

116

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Long-term

WORK EXPERIENCE

Long-term on-the-job training

TOP PROGRAMS

Machine Tool Technology/
Machinist

Industrial Mechanics and
Maintenance Technology/
Technician

TOP SKILLS

Machining

Lathes

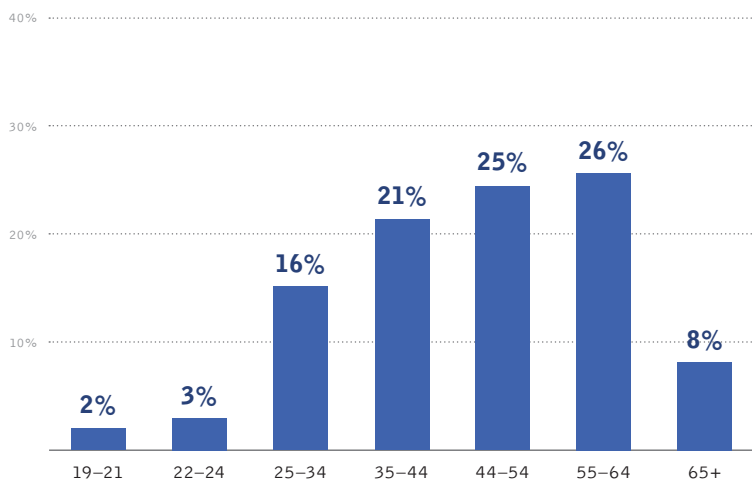
Milling

Engineering Drawings

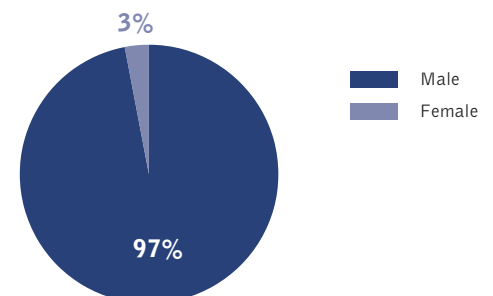
Machinery

DEMOGRAPHICS

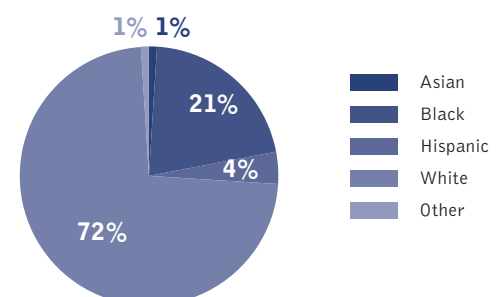
AGE



GENDER



RACE



Chemical Equipment Operators and Tenders

Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products. Equipment used includes devulcanizers, steam-jacketed kettles, and reactor vessels.

2022 Jobs

516

2011 – 2021 % Change

+130%

Median Hourly Earnings

\$30.14

Skill Level

Middle

2022 Job Postings

35

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Moderate-term

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

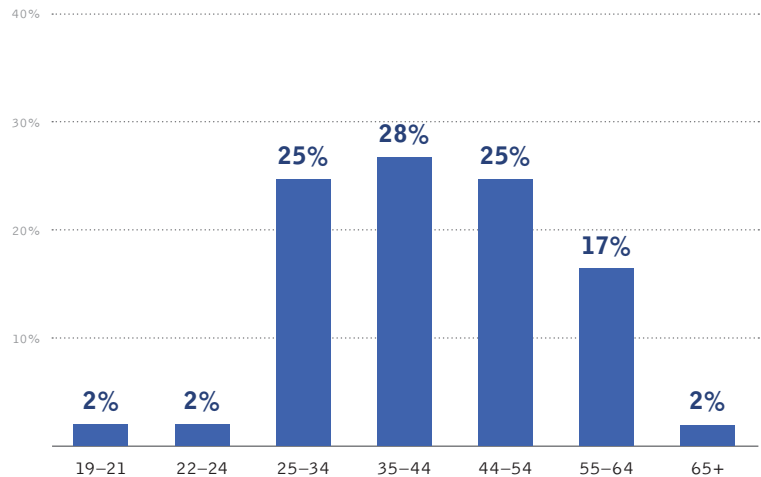
Chemical Technology/Technician

TOP SKILLS

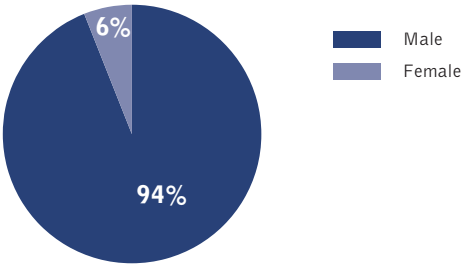
Emergency Response
Standard Operating Procedure
Equipment Operation
Instrumentation
Occupational Safety And Health

DEMOGRAPHICS

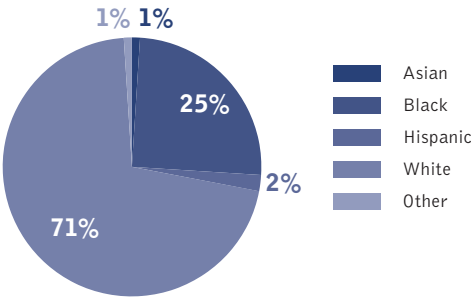
AGE



GENDER



RACE



Millwrights

Install, dismantle, or move machinery and heavy equipment according to layout plans, blueprints, or other drawings.

2022 Jobs

466

2011 – 2021 % Change

+304%

Median Hourly Earnings

\$28.84

Skill Level

Middle

2022 Job Postings

77

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Moderate-term

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

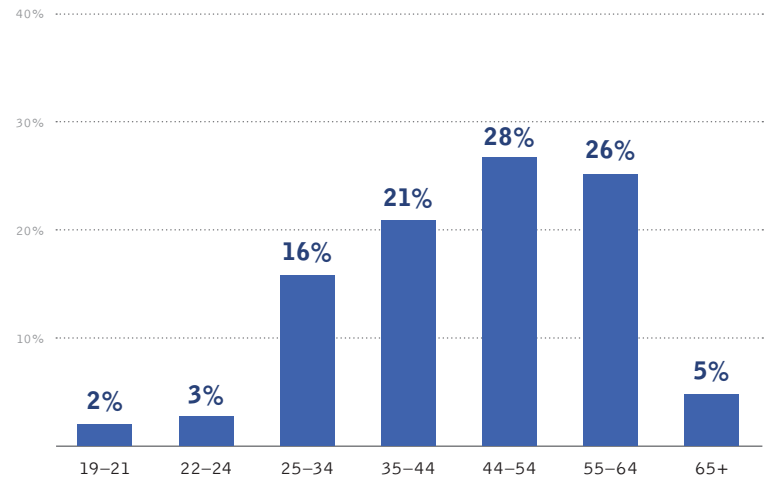
Chemical Technology/ Technician

TOP SKILLS

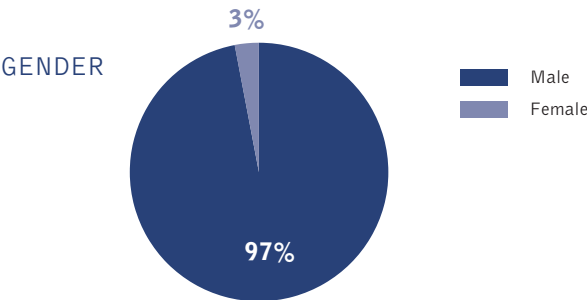
- Emergency Response
- Standard Operating Procedure
- Equipment Operation
- Instrumentation
- Occupational Safety And Health

DEMOGRAPHICS

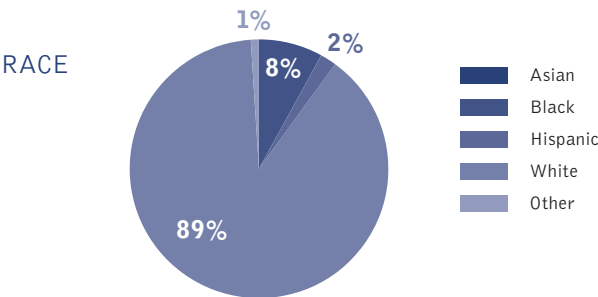
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GENDER



RACE



Aircraft Structure, Surfaces, Rigging, and Systems Assemblers

Assemble, fit, fasten, and install parts of airplanes, space vehicles, or missiles, such as tails, wings, fuselage, bulkheads, stabilizers, landing gear, rigging and control equipment, or heating and ventilating systems.

2022 Jobs

362

2011 – 2021 % Change

+260%

Median Hourly Earnings

\$23.41

Skill Level

Middle

2022 Job Postings

66

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Moderate-term

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

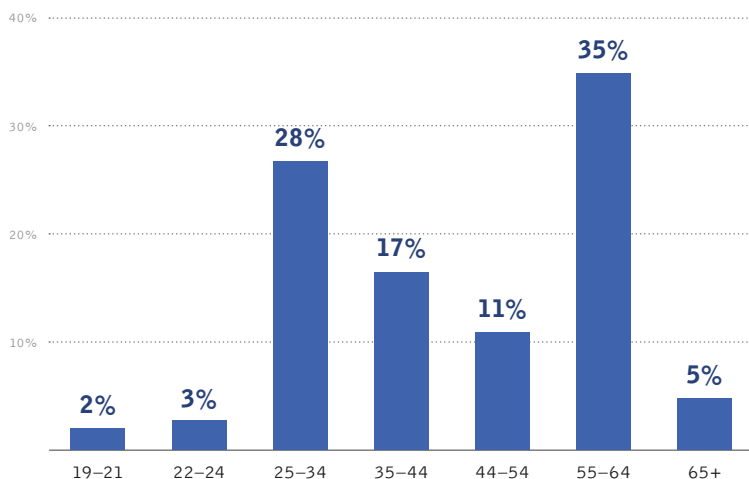
Aeronautical/Aerospace Engineering Technology/Technician

TOP SKILLS

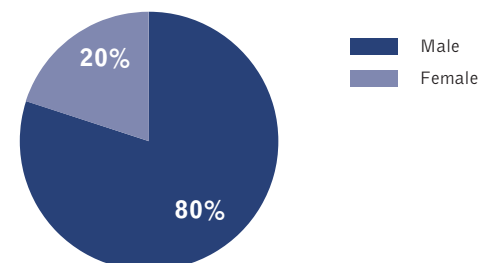
Hand Tools
Power Tool Operation
Drilling
Screwdrivers
Hammers

DEMOGRAPHICS

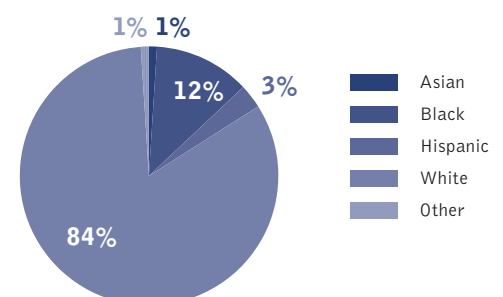
AGE



GENDER



RACE



Plant and System Operators, All Other

All plant and system operators not listed separately. Includes Production Operator, Pressure Controller, and Process Technician.

2022 Jobs

319

2011 – 2021 % Change

+169%

Median Hourly Earnings

\$25.29

Skill Level

Middle

2022 Job Postings

2

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

TOP PROGRAMS

N/A

TOP SKILLS

Machinery

Hand Tools

Labor Law

Management Development

Heavy Equipment

ON THE JOB TRAINING

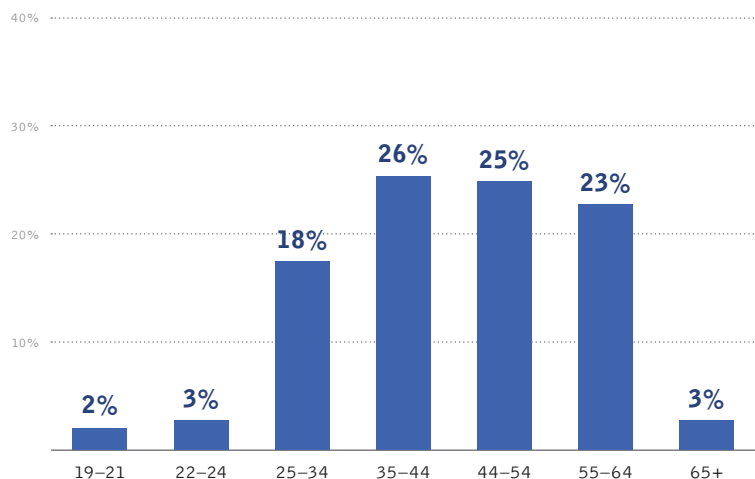
Moderate-term

WORK EXPERIENCE

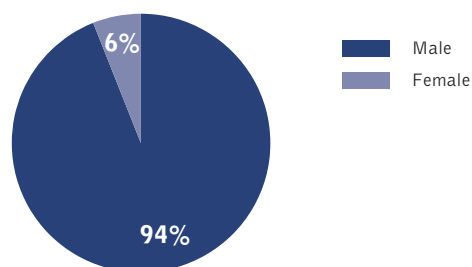
Moderate-term on-the-job training

DEMOGRAPHICS

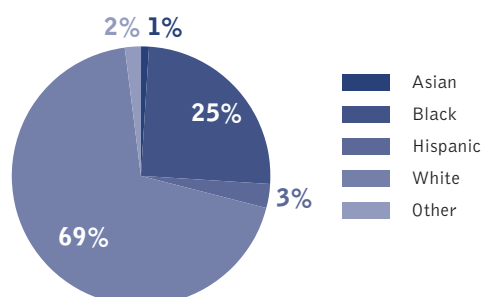
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GENDER



RACE



Industrial Engineering Technologists and Technicians

Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations in a variety of industries for purposes such as establishing standard production rates or improving efficiency.

2022 Jobs

136

2011 – 2021 % Change

+77%

Median Hourly Earnings

\$37.30

Skill Level

Middle

2022 Job Postings

251

EDUCATION & SKILLS

EDUCATION

Associate's Degree

ON THE JOB TRAINING

N/A

WORK EXPERIENCE

N/A

TOP PROGRAMS

Industrial Technology/
TechnicianIndustrial Production
Technologies/Technicians,
OtherEngineering Technologies/
Technicians, General

TOP SKILLS

Machinery

Preventive Maintenance

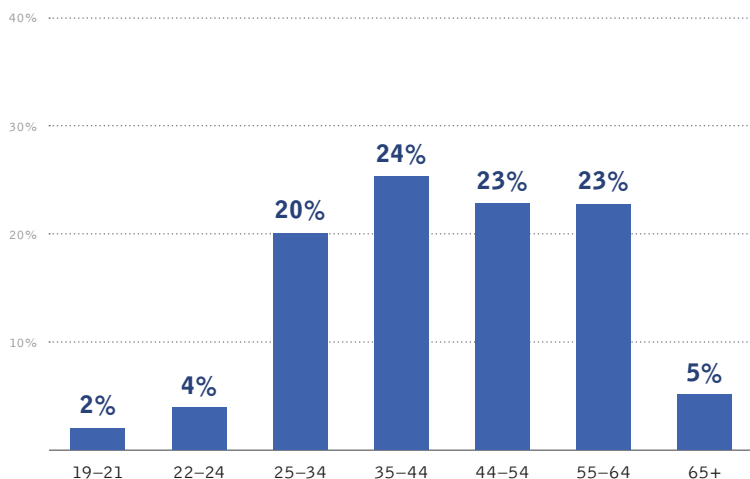
Hand Tools

Power Tool Operation

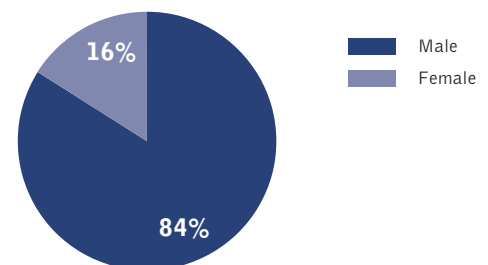
Industrial Repair And
Maintenance

DEMOGRAPHICS

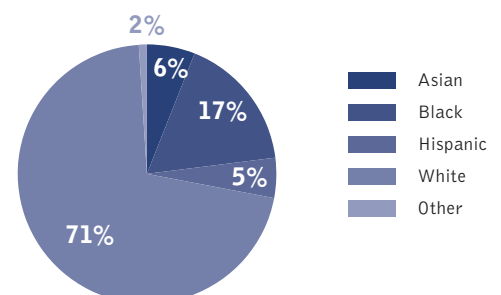
AGE



GENDER



RACE



Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic

Set up, operate, or tend more than one type of cutting or forming machine tool or robot.

2022 Jobs

126

2011 – 2021 % Change

+26%

Median Hourly Earnings

\$22.53

Skill Level

Middle

2022 Job Postings

4

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Moderate-term

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

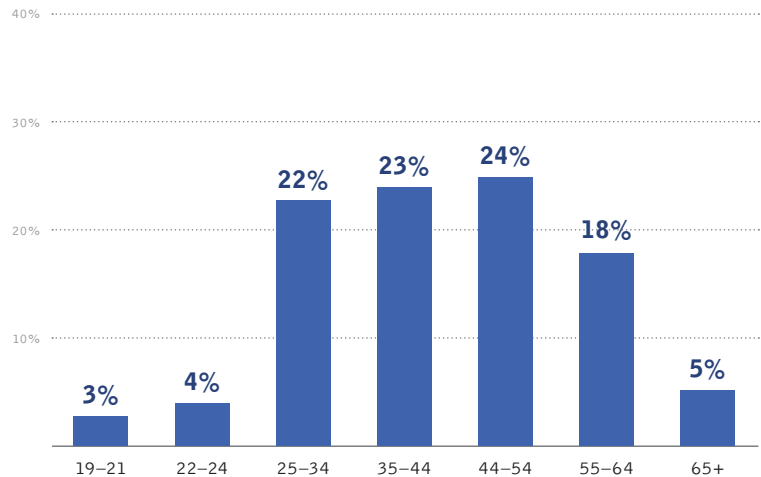
Machine Tool Technology/
Machinist

TOP SKILLS

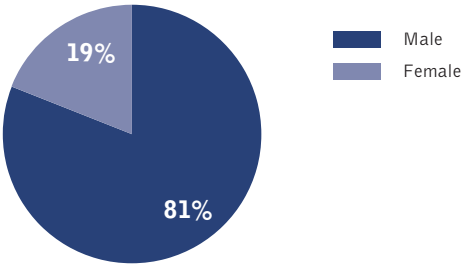
Machinery
Production Equipment
Hardware Troubleshooting
Machine Operation
Forklift Operation

DEMOGRAPHICS

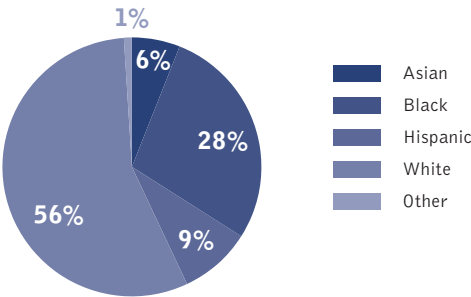
AGE



GENDER



RACE



Mechanical Engineering Technologists and Technicians

Apply theory and principles of mechanical engineering to modify, develop, test, or adjust machinery and equipment under direction of engineering staff or physical scientists.

2022 Jobs

123

2011 – 2021 % Change

+20%

Median Hourly Earnings

\$37.31

Skill Level

Middle

2022 Job Postings

56

EDUCATION & SKILLS

EDUCATION

Associate's degree

ON THE JOB TRAINING

N/A

WORK EXPERIENCE

N/A

TOP PROGRAMS

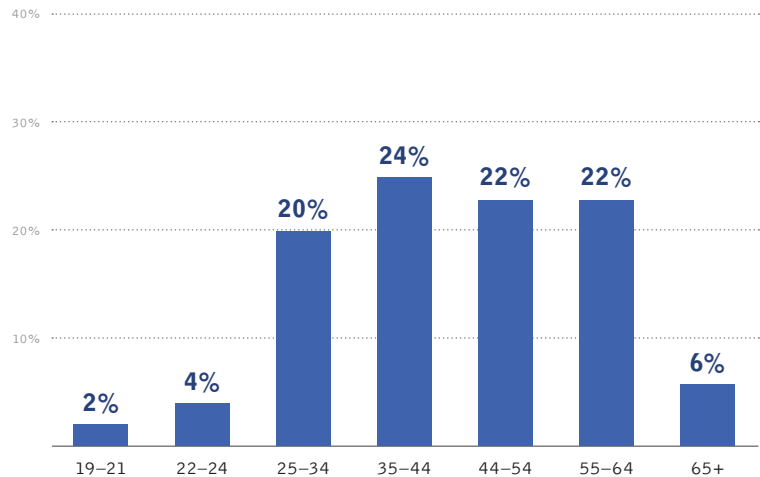
Engineering Technologies/
Technicians, General

TOP SKILLS

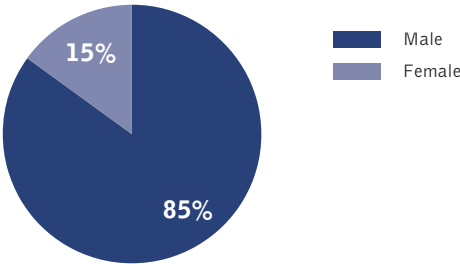
Hand Tools
Engineering Drawings
Mechanical Assembly
Power Tool Operation
Control Systems

DEMOGRAPHICS

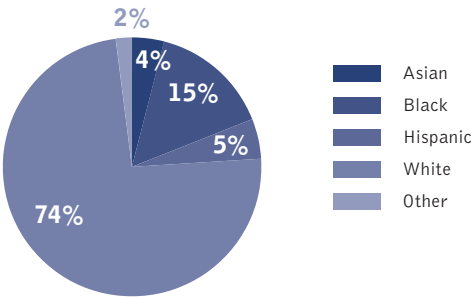
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GENDER



RACE





Digital Media

As the region continues to push forward past the initial disruption of the COVID pandemic, the demand for critical information technology and digital media skills has only expanded. The region boasts numerous small, medium, and large-size companies with workforce needs ranging from user support to web developers. Regional employers in this sector have shown a growing appreciation of skills over traditional credentials, making the IT and Digital Media industry a prime target for career transitions and economic mobility.

EMERGING OCCUPATION:

Video Game Development

An analysis of job postings at local video game development studios over the past two years has identified the following skills as being the most in-demand

According to a recent report by PwC, the global video game market value has grown by 78% from 2017 to 2021. Currently valued at \$214.2 billion, the market is expected to further grow by nearly 50% from 2021 to 2026. There are several reasons for exponential growth in the video game sector, including, but not limited to, improved internet connections, diversity of gaming models, including mobile devices, and elimination of physical discs needed to play a game.

Corresponding with global growth, the Greater New Orleans market has seen strong growth in the sector, especially when it comes to attracting top-tier video game development studios.

However, to meet the demands of a rapidly growing industry, workers need a particular skill set. These unique skills will not only allow workers to enter the industry but to also access high-wage, high-growth jobs.

React.js
JavaScript
Elixir
Python
Cascading Style Sheets
Node.js
Ruby on Rails
JIRA
Java



Career Profile: Video Game Designers

Design core features of video games. Specify innovative game and role-play mechanics, story lines, and character biographies. Create and maintain design documentation. Guide and collaborate with production staff to produce games as designed.

KEY TASKS

- Balance and adjust gameplay experiences to ensure the critical and commercial success of the product.
- Collaborate with artists to achieve appropriate visual style.
- Conduct regular design reviews throughout the game development process.
- Consult with multiple stakeholders to define requirements and implement online features.
- Create and manage documentation, production schedules, prototyping goals, and communication plans in collaboration with production staff.

TYPICAL EDUCATION AND TRAINING

Bachelor's degree

SIMILAR OCCUPATIONS

Computer Programmers
Software Developers
Web Developers

Computer Occupations, All Other

All computer occupations not listed separately. Includes Webmaster, Systems Security Engineer, IT Project Manager

2022 Jobs

2,014

2011–21 % Change

+40%

Median Hourly Earnings

\$35.98

Skill Level

High

2022 Job Postings

1,659

EDUCATION & SKILLS

EDUCATION

Bachelor's degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

Less than 5 years

TOP PROGRAMS

Computer Systems Networking
and TelecommunicationsMarketing/Marketing
Management, General

Business/Commerce, General

TOP SKILLS

Computer Science

Agile Methodology

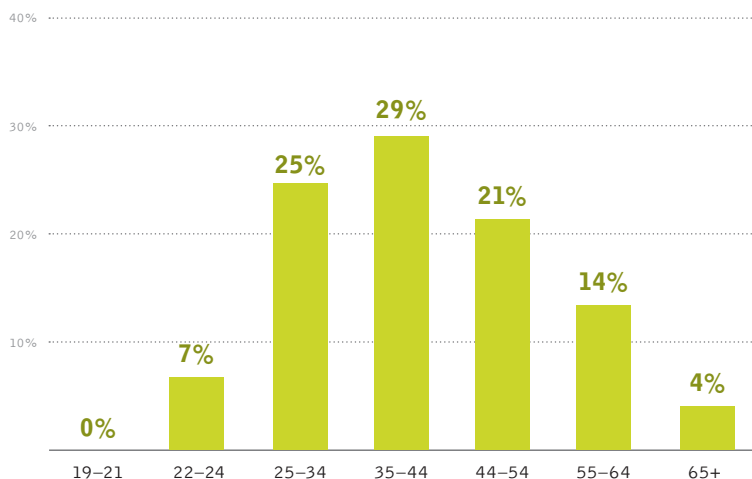
Project Management

Automation

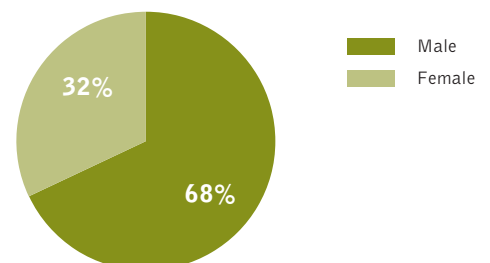
Solution Architecture

DEMOGRAPHICS

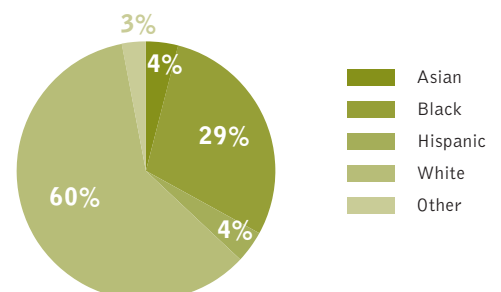
AGE



GENDER



RACE



Computer User Support Specialists

Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, via telephone, or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.

2022 Jobs

1,322

2011–21 % Change

+11%

Median Hourly Earnings

\$22.81

Skill Level

Middle

2022 Job Postings

1,286

EDUCATION & SKILLS

EDUCATION

Some college, no degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Science

Computer and Information
Sciences, General

Information Technology

TOP SKILLS

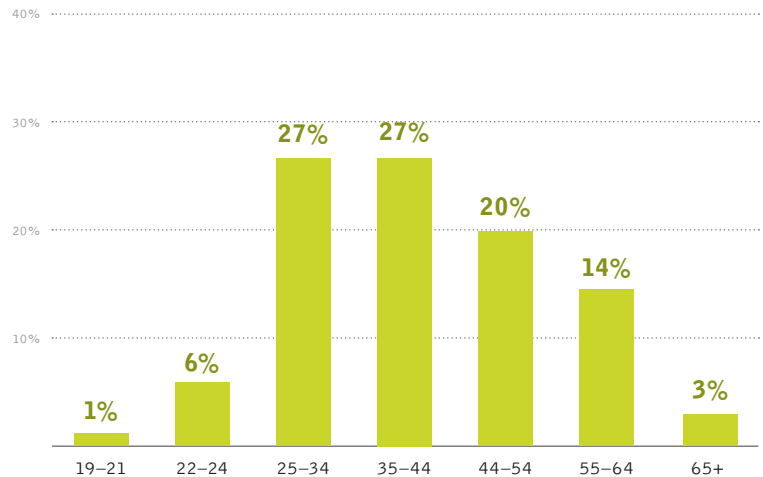
Help Desk Support

Technical Support
Operating Systems

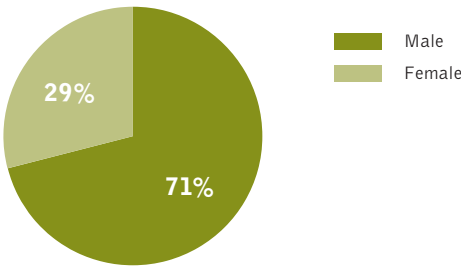
Desktop Support
Active Directory

DEMOGRAPHICS

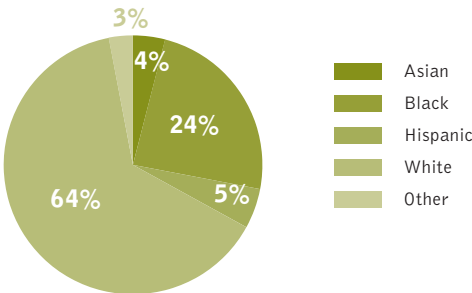
AGE



GENDER



RACE



Computer Systems Analysts

Analyze science, engineering, business, and other data processing problems to develop and implement solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions, improve existing computer systems.

2022 Jobs

1,157

2011–21 % Change

+12%

Median Hourly Earnings

\$40.22

Skill Level

High

2022 Job Postings

736

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Systems Networking and Telecommunications

Computer Science

Computer and Information Sciences, General

TOP SKILLS

Systems Analysis

Computer Science

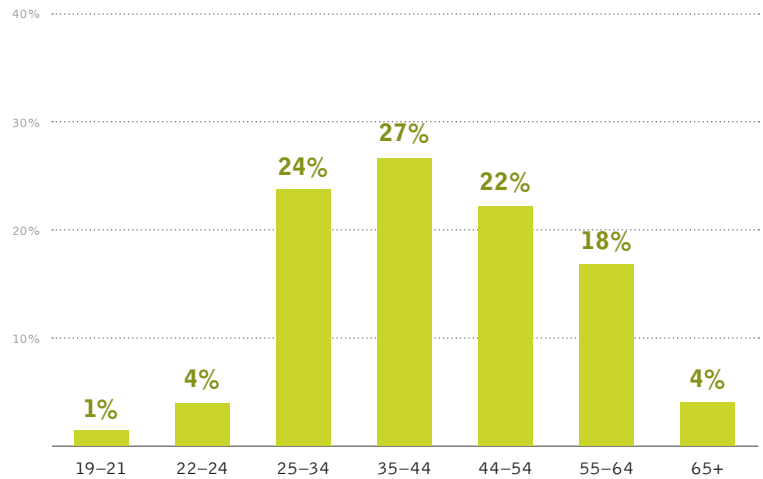
Business Requirements

Workflow Management

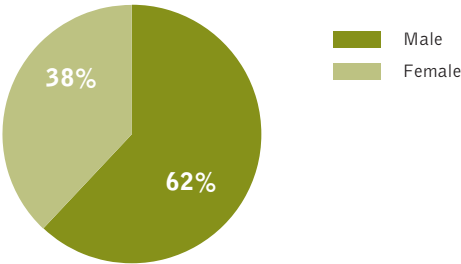
Agile Methodology

DEMOGRAPHICS

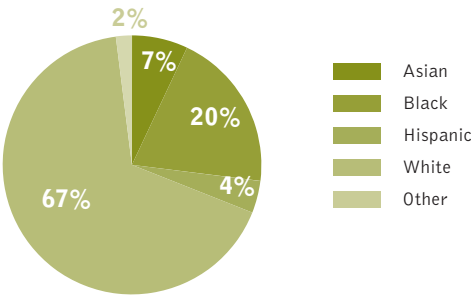
AGE



GENDER



RACE



Software Developers

Research, design, and develop computer and network software or specialized utility programs. Analyze user needs and develop software solutions, applying principles and techniques of computer science, engineering, and mathematical analysis. Update software or enhance existing software capabilities.

2022 Jobs

1,118

2011–21 % Change

+9%

Median Hourly Earnings

\$47.25

Skill Level

High

2022 Job Postings

1,977

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Science

Computer and Information
Sciences, General

Cloud Computing

TOP SKILLS

Computer Science

Software Engineering

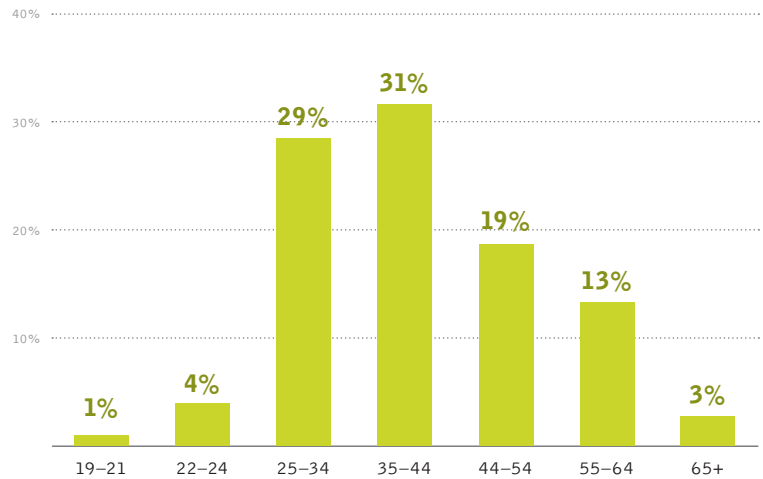
Agile Methodology

SQL (Programming
Language)

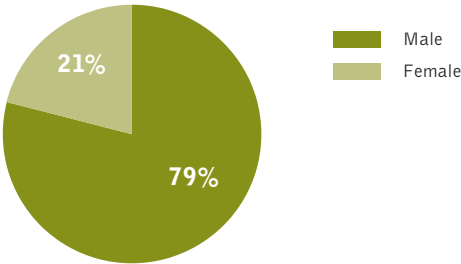
Java (Programming
Language)

DEMOGRAPHICS

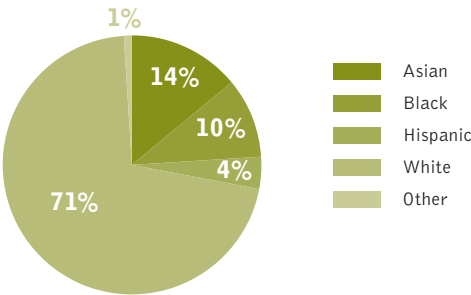
AGE



GENDER



RACE



Computer and Information Systems Managers

Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.

2022 Jobs

855

2011–21 % Change

+4%

Median Hourly Earnings

\$60.43

Skill Level

High

2022 Job Postings

116

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

5 years or more

TOP PROGRAMS

Business Administration and Management, General

Computer Systems Networking and Telecommunications

Computer Science

TOP SKILLS

Computer Science

Agile Methodology

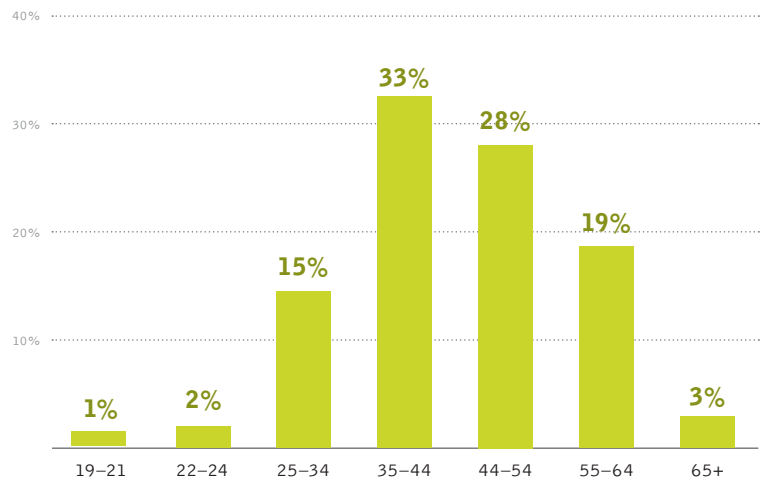
Project Management

Technology Solutions

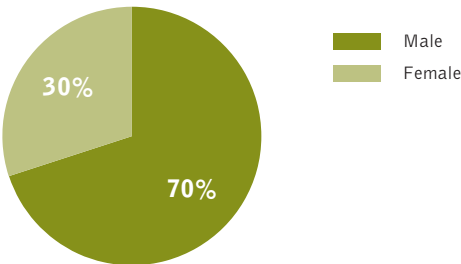
Business Strategies

DEMOGRAPHICS

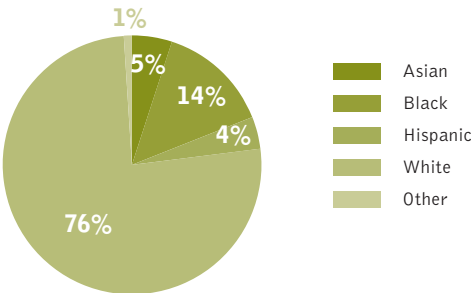
AGE



GENDER



RACE



Computer Network Support Specialists

Analyze, test, troubleshoot, and evaluate existing network systems, such as local area networks (LAN), wide area networks (WAN), cloud networks, servers, and other data communications networks. Perform system maintenance to ensure networks operate correctly with minimal interruption.

2022 Jobs

483

2011–21 % Change

22%

Median Hourly Earnings

\$28.72

Skill Level

Middle

2022 Job Postings

123

EDUCATION & SKILLS

EDUCATION

Associate's degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Systems Networking and Telecommunications

Computer Science

Computer and Information Sciences, General

TOP SKILLS

Network Support

Computer Science

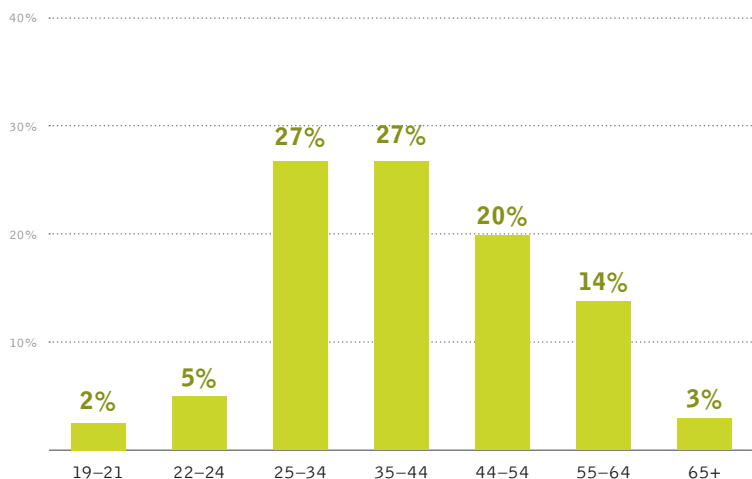
Local Area Networks

Operating Systems

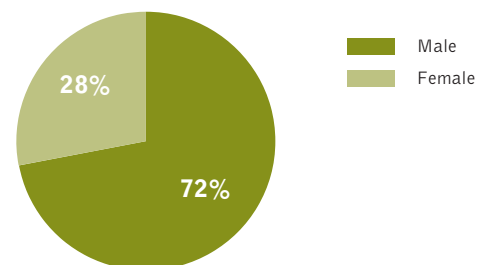
Computer Networks

DEMOGRAPHICS

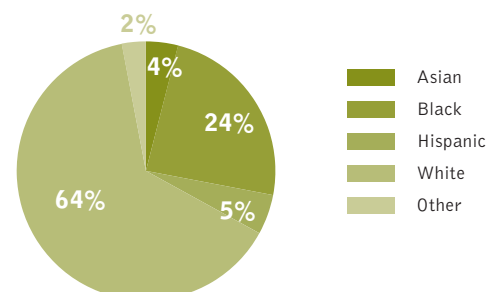
AGE



GENDER



RACE



Information Security Analysts

Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. Assess system vulnerabilities for security risks and propose and implement risk mitigation strategies.

2022 Jobs

255

2011–21 % Change

+13%

Median Hourly Earnings

\$37.71

Skill Level

High

2022 Job Postings

477

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

Less than 5 years

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Systems Networking and Telecommunications

Computer Science

Computer and Information Systems Security/Auditing/Information Assurance

TOP SKILLS

Cyber Security

Computer Science

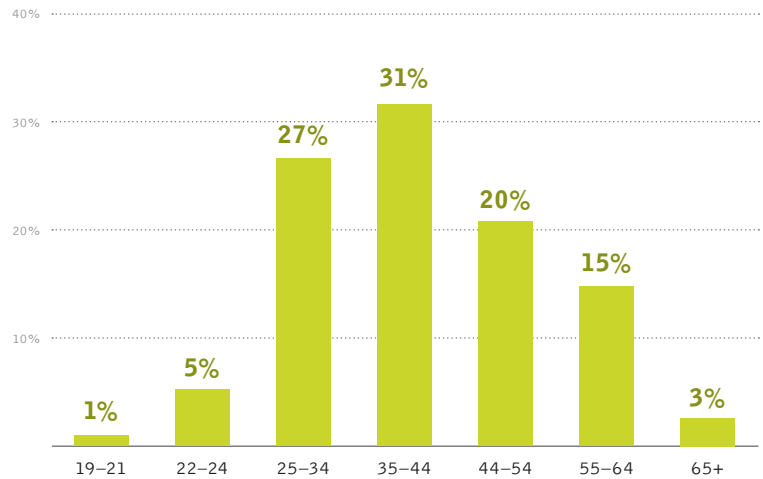
Vulnerability

Risk Analysis

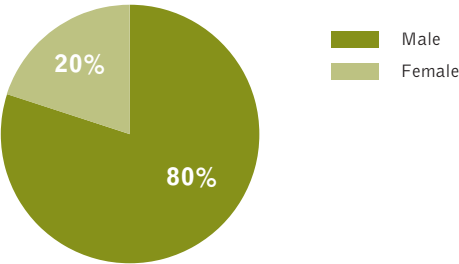
Auditing

DEMOGRAPHICS

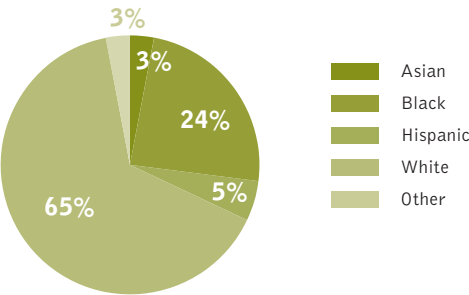
AGE



GENDER



RACE



Web Developers

Develop and implement websites, web applications, application databases, and interactive web interfaces. Evaluate code to ensure that it is properly structured, meets industry standards, and is compatible with browsers and devices. Optimize website performance, scalability, and server-side code and processes.

2022 Jobs

235

2011–21 % Change

+51%

Median Hourly Earnings

\$19.84

Skill Level

High

2022 Job Postings

317

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Science

Computer and Information Sciences, General

Digital Communication and Media/Multimedia

TOP SKILLS

JavaScript (Programming Language)

Cascading Style Sheets (CSS)

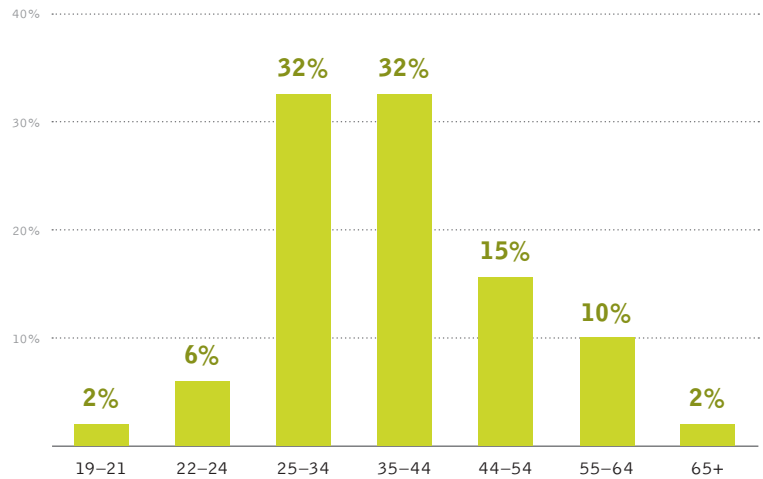
User Experience

HyperText Markup Language (HTML)

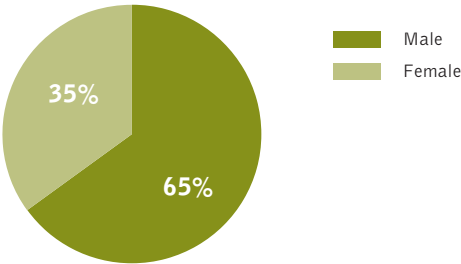
User Interface

DEMOGRAPHICS

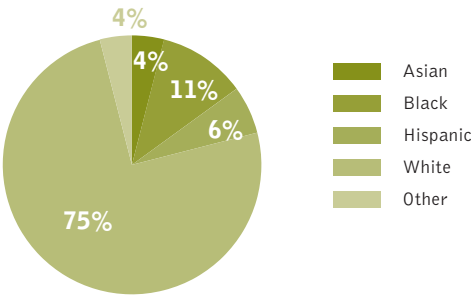
AGE



GENDER



RACE



Database Administrators

Administer, test, and implement computer databases, applying knowledge of database management systems. Coordinate changes to computer databases. Identify, investigate, and resolve database performance issues, database capacity, and database scalability.

2022 Jobs

180

2011–21 % Change

+20%

Median Hourly Earnings

\$35.85

Skill Level

High

2022 Job Postings

345

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Systems Networking and Telecommunications

Computer Science

Data Processing and Data Processing Technology/Technician

TOP SKILLS

SQL (Programming Language)

Computer Science

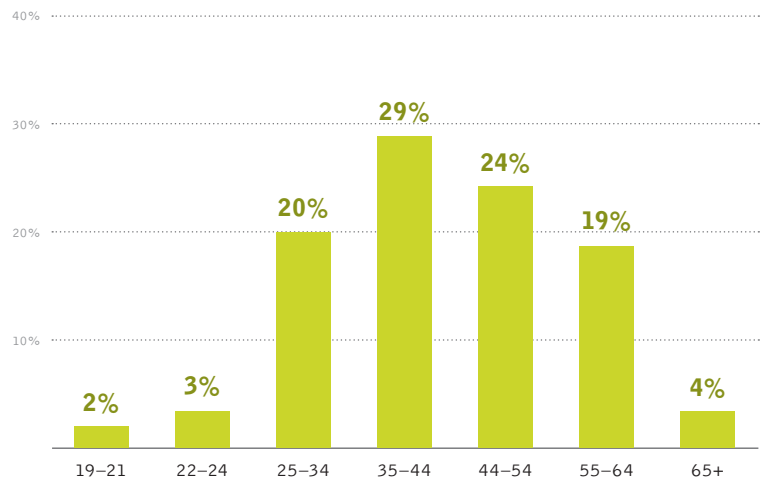
Extract Transform Load (ETL)

Python (Programming Language)

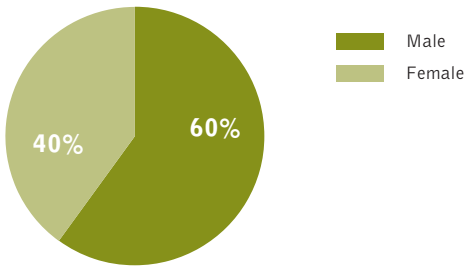
Agile Methodology

DEMOGRAPHICS

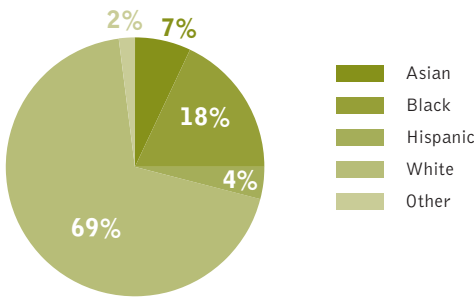
AGE



GENDER



RACE



Web and Digital Interface Designers

Design digital user interfaces or websites. Develop and test layouts, interfaces, functionality, and navigation menus to ensure compatibility and usability across browsers or devices. May use web framework applications as well as client-side code and processes.

2022 Jobs

173

2011–21 % Change

+5%

Median Hourly Earnings

\$20.87

Skill Level

High

2022 Job Postings

78

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Computer Science

Computer and Information Sciences, General

Graphic Design

TOP SKILLS

Project Management

Marketing

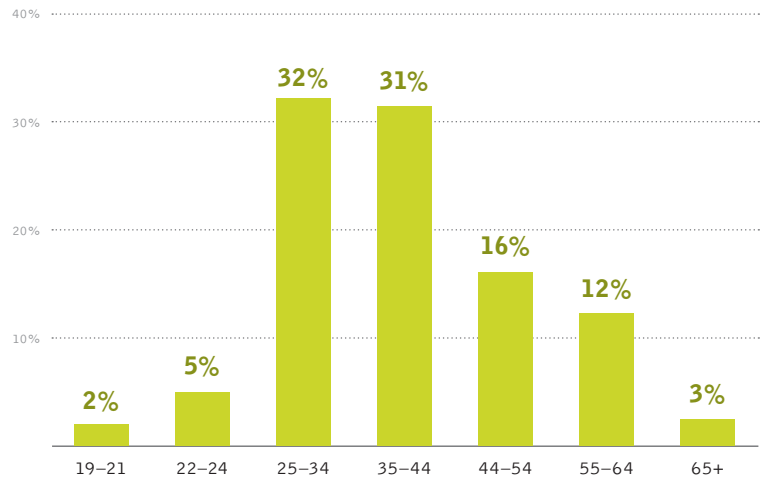
Operational Excellence

Technology Solutions

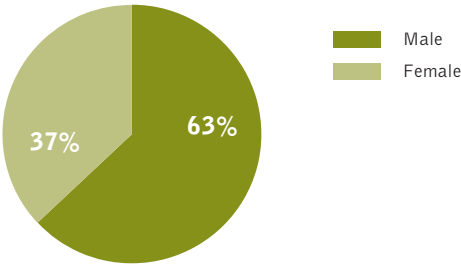
Game Design

DEMOGRAPHICS

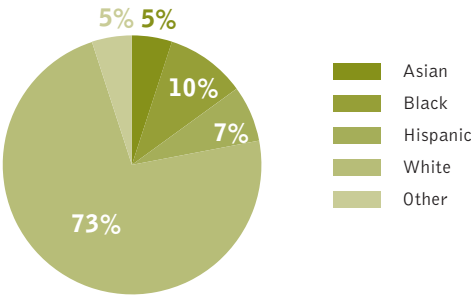
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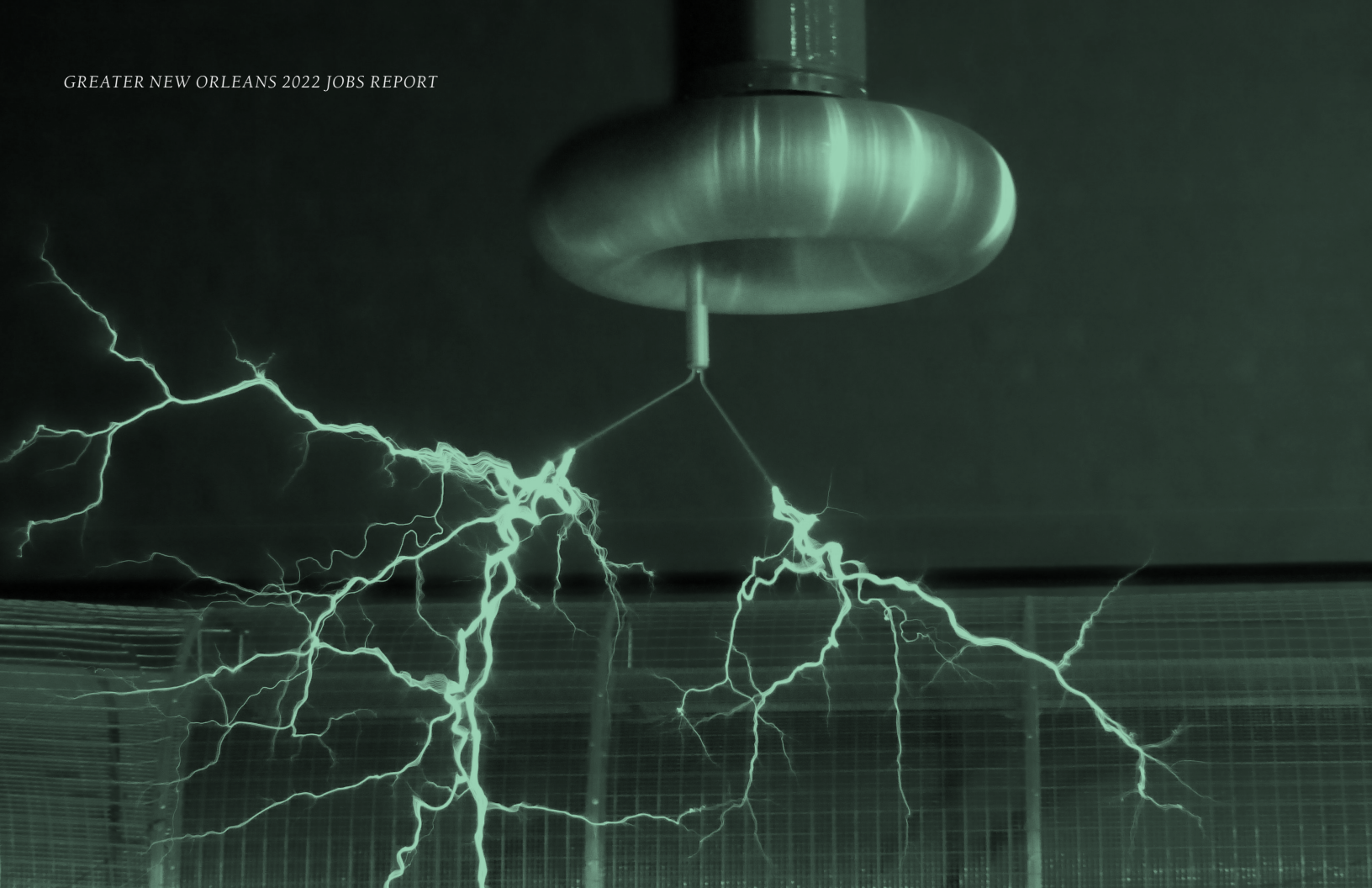


GENDER



RACE





Energy & Petrochemical Occupations

With sizeable energy production and processing capacity, Greater New Orleans is a pivotal player in the world's energy supply chain. As such, the region boasts many opportunities for jobs in this industry. With additional sizeable investment from government and business in "new energy," Greater New Orleans is now positioned to be a national hub for energy careers for many years to come.

EMERGING OCCUPATION:

Renewable Energy

Louisiana and Greater New Orleans have long been the world's leading market for energy production, processing, and transportation. As the energy industry continues to evolve, the regional workforce is primed to capitalize on these opportunities.

Over the past decade, renewable energy jobs in Louisiana have experienced a 17% increase and workers who occupy these careers earn median hourly earnings 125% higher than average. Looking ahead over the next decade, thousands of skilled workers will be needed to maintain and grow the wind energy sector. According to an estimate by the American Clean Power Association, as many as 17,500 jobs would be created by just two wind farms in the Gulf Of Mexico.

In order to capitalize on the thousands of projected new jobs as a result of wind energy, it is critical that workers have the necessary skills to access these high-wage, high-growth jobs. Although many of the skill sets for work from the oil and gas sector may be similar, often times there may be a new skill or certification to be obtained.

An analysis of job postings for this profession from around the United States has identified the following skills as being the most in-demand:

Turbines
Hydraulics
Power Tool Operation
Diagnostic Tools
Preventive Maintenance
Tooling
Electronic Components
Torque
Wind Farming
Supervisory Control and Data Acquisition (SCADA)

Career Profile: Wind Turbine Service Technician

Inspect, diagnose, adjust, or repair wind turbines. Perform maintenance on wind turbine equipment including resolving electrical, mechanical, and hydraulic malfunctions.

KEY TASKS

- Troubleshoot or repair mechanical, hydraulic, or electrical malfunctions related to variable pitch systems, variable speed control systems, converter systems, or related components.
- Perform routine maintenance on wind turbine equipment, underground transmission systems, wind fields substations, or fiber optic sensing and control systems.
- Diagnose problems involving wind turbine generators or control systems.
- Test electrical components of wind systems with devices, such as voltage testers, multimeters, oscilloscopes, infrared testers, or fiber optic equipment.
- Start or restart wind turbine generator systems to ensure proper operations.

TYPICAL EDUCATION AND TRAINING

Postsecondary nondegree award
Long-term on-the-job training

SIMILAR OCCUPATIONS

Cost Estimators
Health and Safety Engineers
Industrial Engineers



Chemical Equipment Operators and Tenders

Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products. Equipment used includes devulcanizers, steam-jacketed kettles, and reactor vessels.

2022 Jobs

516

2012–2 % Change

+130%

Median Hourly Earnings

\$30.14

Skill Level

Middle

2022 Job Postings

35

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

None

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

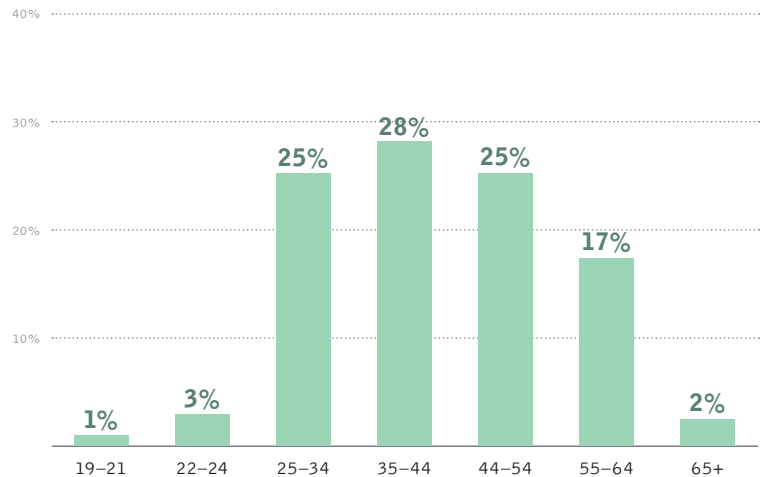
Chemical Technology/Technician

TOP SKILLS

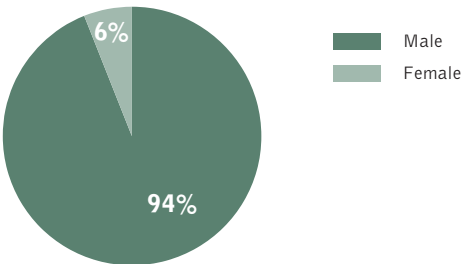
Emergency Response
Standard Operating Procedure
Equipment Operation
Instrumentation
Occupational Safety And Health

DEMOGRAPHICS

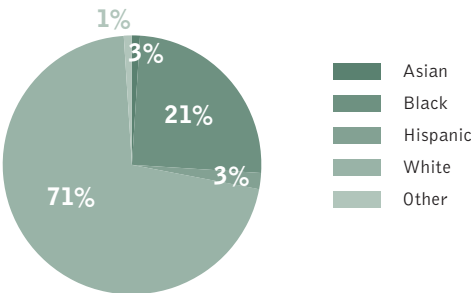
AGE



GENDER



RACE



Surveyors

Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth’s surface for engineering, mapmaking, mining, land evaluation, construction, and other purposes.

2022 Jobs

367

2012–2 % Change

+72%

Median Hourly Earnings

\$28.43

Skill Level

High

2022 Job Postings

90

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

Internship/residency

TOP PROGRAMS

Geology/Earth Science,
General

Civil Engineering

Technologies/Technicians

TOP SKILLS

Surveying

Cargo Loading

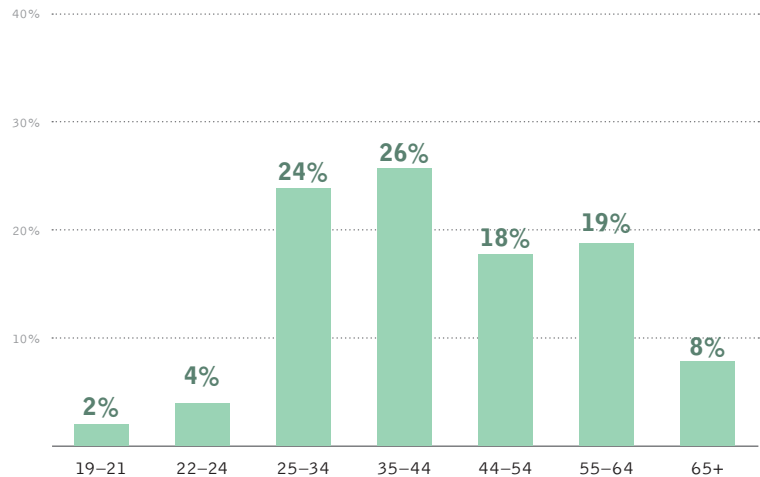
Cargo Handling

Heavy Equipment

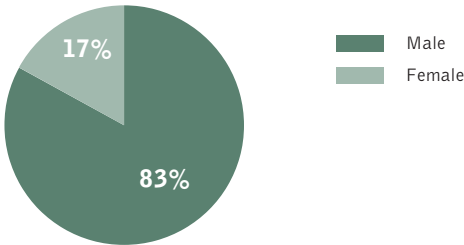
Topography

DEMOGRAPHICS

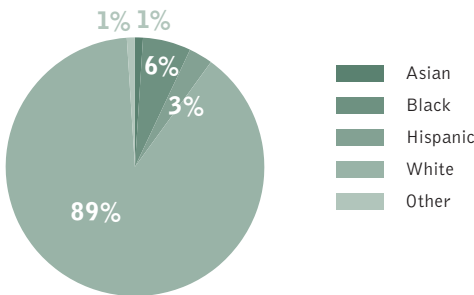
AGE



GENDER



RACE



Plant and System Operators, All Other

All plant and system operators not listed separately. Includes Production Operator, Pressure Controller, and Process Technician.

2022 Jobs

319

2012–2 % Change

+169%

Median Hourly Earnings

\$25.29

Skill Level

Middle

2022 Job Postings

2

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

None

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

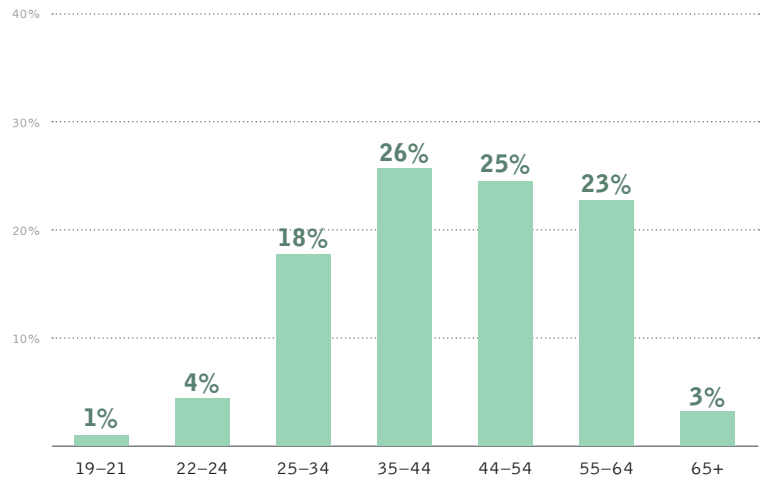
None

TOP SKILLS

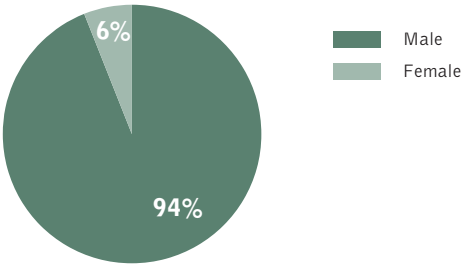
- Machinery
- Hand Tools
- Labor Law
- Management Development
- Heavy Equipment

DEMOGRAPHICS

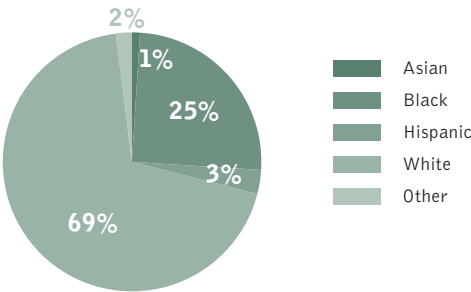
AGE



GENDER



RACE



Rotary Drill Operators, Oil and Gas

Set up or operate a variety of drills to remove underground oil and gas, or remove core samples for testing during oil and gas exploration.

2022 Jobs

213

2012–2 % Change

+ 55%

Median Hourly Earnings

\$26.19

Skill Level

Basic

2022 Job Postings

3

EDUCATION & SKILLS

EDUCATION

No formal educational credential

ON THE JOB TRAINING

None

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

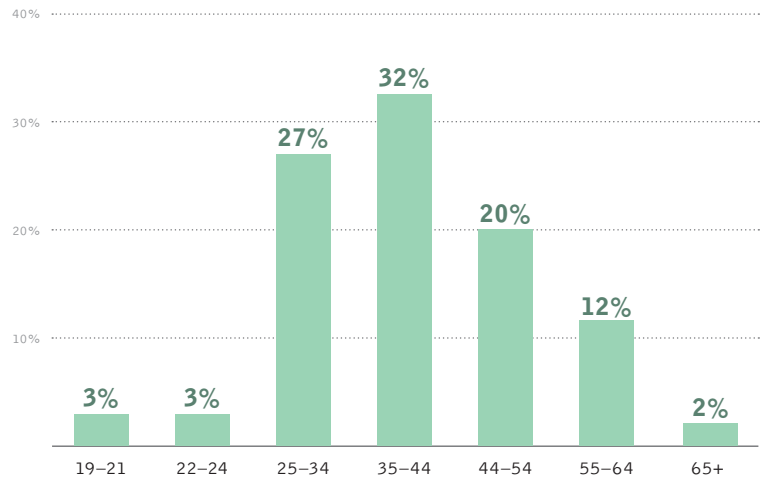
None

TOP SKILLS

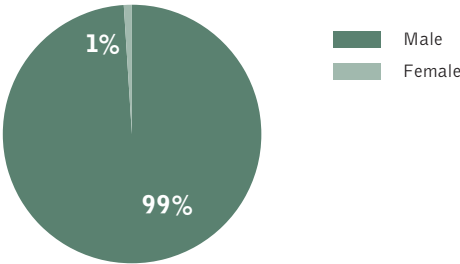
- Heavy Equipment
- Soil Sampling
- Drilling
- Soil Science
- Core Drills

DEMOGRAPHICS

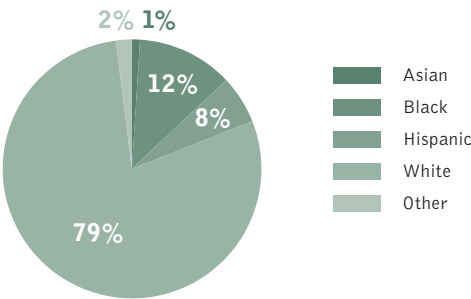
AGE



GENDER



RACE





Life Sciences & Healthcare

The Life Sciences sector continues to be a powerhouse in the economic engine of Greater New Orleans. While nurses remain the most in-demand occupation in this field, opportunities for career transition abound in support occupations that directly impact our region's health. With globally recognized health systems, strong university research programs, and a myriad of biotech start-ups, the life sciences field remains one of our strongest assets.

EMERGING OCCUPATION:

Neurosciences

According to Harvard University, over 6.4 million American's suffer from Alzheimer's Parkinsons, multiple sclerosis, and ALS. With a rapidly aging population, the same study found that if left unchecked, more than 12 million Americans will suffer from neurodegenerative diseases in 30 years.

When it comes to neurodegenerative disease treatment, hospital systems in southeast Louisiana have a commitment to delivering care to patients from around the world.

In order to carry out world-class care and treatment for those that are impacted by neurodegenerative diseases, workers with high levels of training and education are needed. While many of these careers and jobs will require advanced degrees, opportunities exist for workers who possess less than a bachelor's degree.

To drive growth within this sector, GNO, Inc. has established NeuroNOLA, a collaboration of regional partners to catalyze cooperation within neurosciences with the shared mission of fostering the development of Greater New Orleans as a destination for neurological research and care – driving innovation, economic development, and patient care.

An analysis of job postings for this profession from around the United States has identified the following skills as being the most in-demand:

Electroencephalography
Basic Life Support (BLS) Certification
Neurology
Evoked Potential
Cardiopulmonary Resuscitation (CPR)
Troubleshooting (Problem Solving)
Polysomnography
Nerve Conduction Studies
Electromyography



Career Profile: Neurodiagnostic Technologists

Conduct electroneurodiagnostic (END) tests such as electroencephalograms, evoked potentials, polysomnograms, or electronystagmograms.

KEY TASKS

- Indicate artifacts or interferences derived from sources outside of the brain, such as poor electrode contact or patient movement, on electroneurodiagnostic recordings.
- Monitor patients during tests or surgeries, using electroencephalographs (EEG), evoked potential (EP) instruments, or video recording equipment..
- Conduct tests or studies such as electroencephalography (EEG), polysomnography (PSG), nerve conduction studies (NCS), electromyography (EMG), and intraoperative monitoring (IOM).
- Collect patients' medical information needed to customize tests.
- Explain testing procedures to patients, answering questions or reassuring patients, as needed.

TYPICAL EDUCATION AND TRAINING

Associate's degree

SIMILAR OCCUPATIONS

Cardiovascular Technologists and Technicians
Diagnostic Medical Sonographers
Magnetic Resonance Imaging Technologists

Registered Nurses

Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management.

2022 Jobs

15,514

2011–21 % Change

3%

Median Hourly Earnings

\$34.82

Skill Level

High

2022 Job Postings

12,373

EDUCATION & SKILLS

EDUCATION

Bachelor's degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Registered Nursing/Registered Nurse

Nursing Practice

Family Practice Nurse/
Nursing

TOP SKILLS

Nursing

Nursing Process

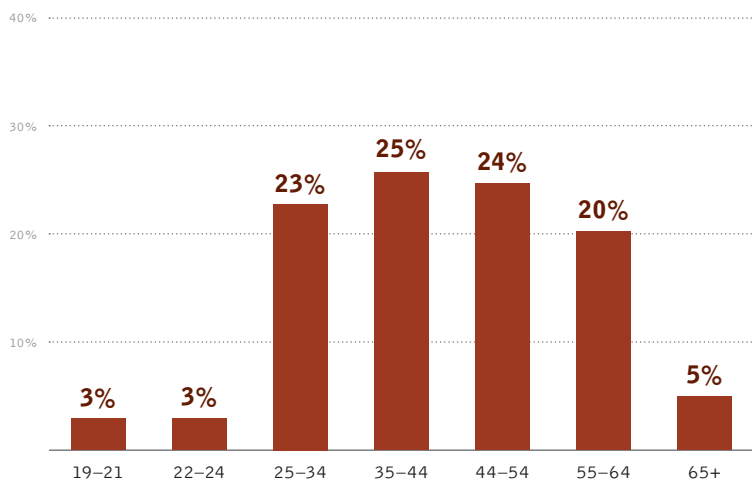
Cardiopulmonary
Resuscitation (CPR)

Nursing Care

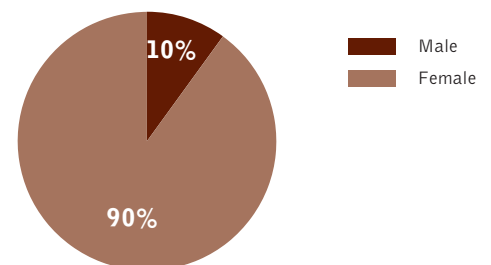
Communicable Diseases

DEMOGRAPHICS

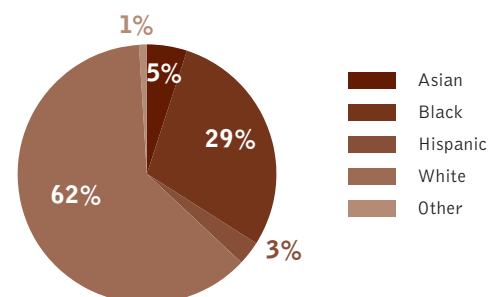
AGE



GENDER



RACE



Medical and Health Services Managers

Plan, direct, or coordinate medical and health services in hospitals, clinics, managed care organizations, public health agencies, or similar organizations.

2022 Jobs

2,045

2011–21 % Change

+100%

Median Hourly Earnings

\$47.40

Skill Level

High

2022 Job Postings

3079

EDUCATION & SKILLS

EDUCATION

Bachelor's degree

ON THE JOB TRAINING

Less than 5 years

WORK EXPERIENCE

None

TOP PROGRAMS

Registered Nursing/Registered Nurse

Pharmacy

Public Health, General

TOP SKILLS

Nursing

Performance Improvement

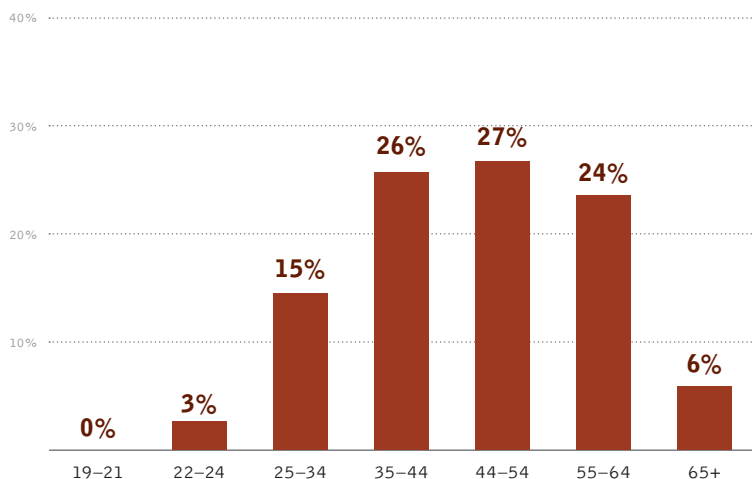
Auditing

Clinical Experience

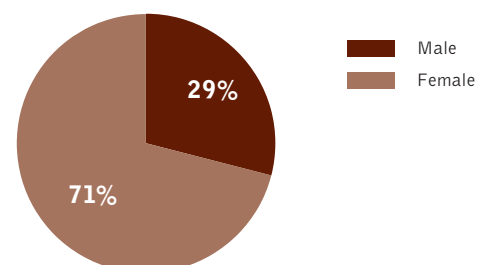
Billing

DEMOGRAPHICS

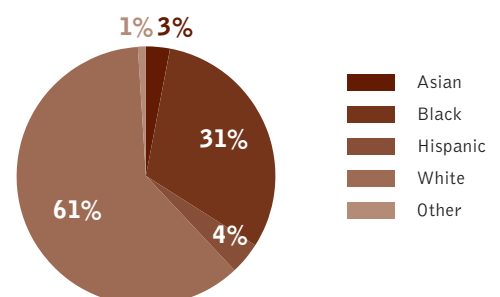
AGE



GENDER



RACE



Pharmacists

Dispense drugs prescribed by physicians and other health practitioners and provide information to patients about medications and their use. May advise physicians and other health practitioners on the selection, dosage, interactions, and side effects of medications.

2022 Jobs

1,704

2011–21 % Change

+14%

Median Hourly Earnings

\$59.75

Skill Level

High

2022 Job Postings

393

EDUCATION & SKILLS

EDUCATION

Doctoral or professional degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

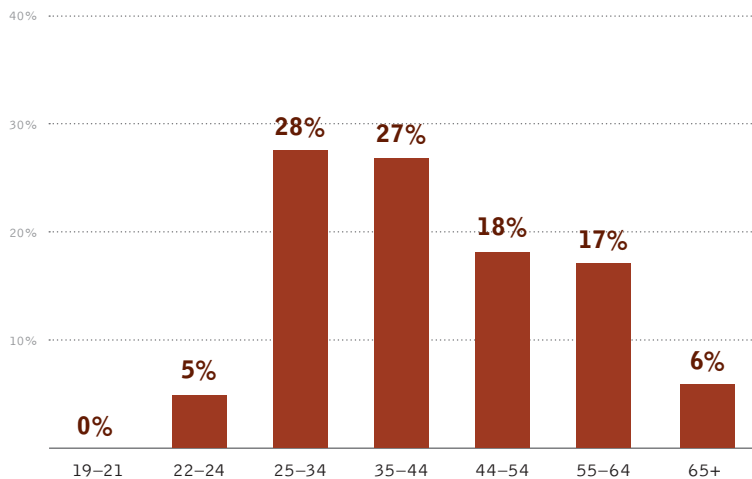
Pharmacy

TOP SKILLS

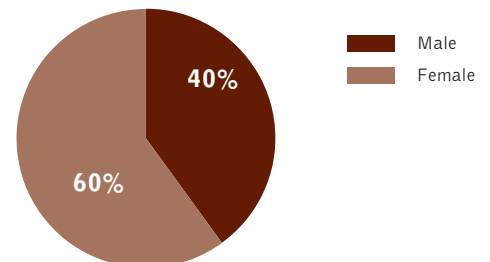
Clinical Pharmacy
Workflow Management
Inventory Management
Pharmaceuticals
Pharmacotherapy

DEMOGRAPHICS

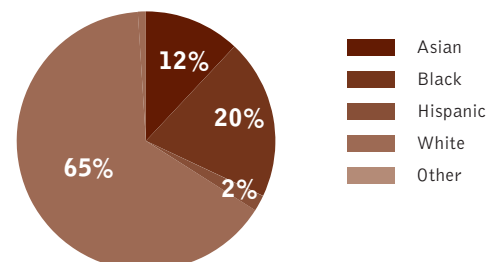
AGE



GENDER



RACE



Healthcare Practitioners and Technical Workers, All Other

All healthcare practitioners and technical workers not listed separately. Includes Transplant Coordinator, Licensed Midwife, and Utilization Review Coordinator.

2022 Jobs

1,646

2011–21 % Change

+150%

Median Hourly Earnings

\$28.84

Skill Level

Middle

2022 Job Postings

17

EDUCATION & SKILLS

EDUCATION

Postsecondary nondegree award

TOP PROGRAMS

None

TOP SKILLS

Billing

Clinical Documentation

Medical Necessity

Medicare

Utilization Management

ON THE JOB TRAINING

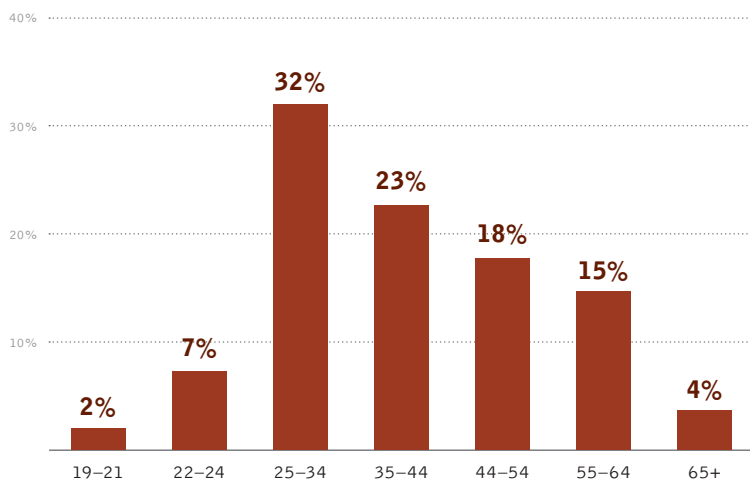
None

WORK EXPERIENCE

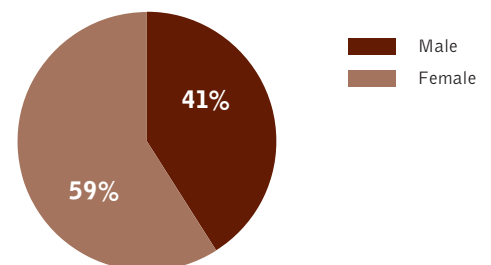
None

DEMOGRAPHICS

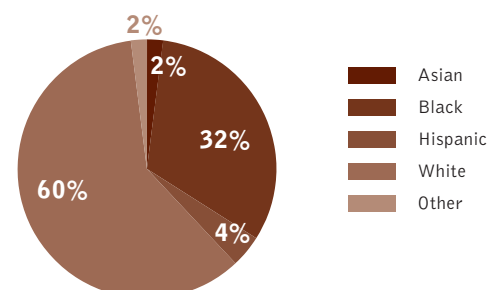
AGE



GENDER



RACE



Nurse Practitioners

Diagnose and treat acute, episodic, or chronic illness, independently or as part of a healthcare team. May focus on health promotion and disease prevention. May order, perform, or interpret diagnostic tests such as lab work and x rays. May prescribe medication.

2022 Jobs

1,560

2011–21 % Change

+452%

Median Hourly Earnings

\$50.59

Skill Level

High

2022 Job Postings

1,020

EDUCATION & SKILLS

EDUCATION

Master's degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Registered Nursing/Registered Nurse

Nursing Practice

Family Practice Nurse/
Nursing

TOP SKILLS

Nursing

Patient Education And
Counseling

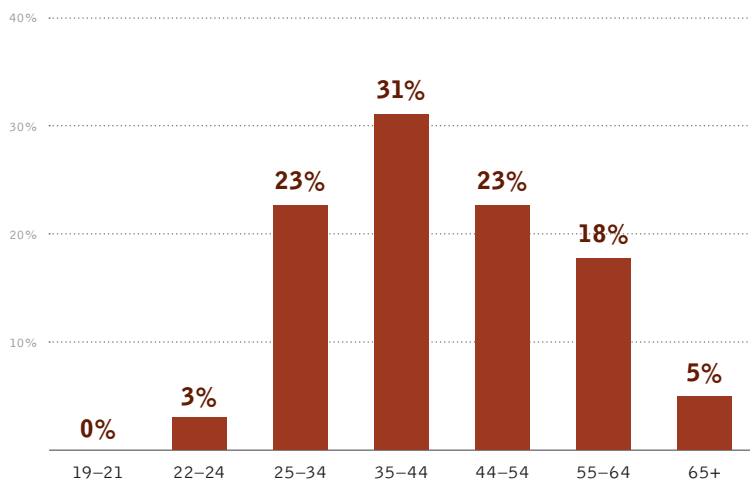
Primary Care

Medical Records

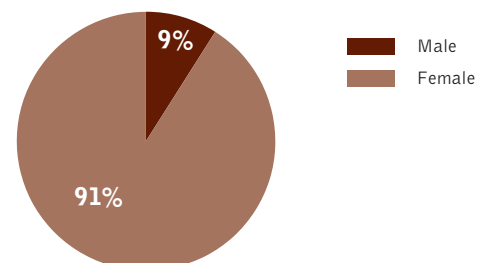
Medical Management

DEMOGRAPHICS

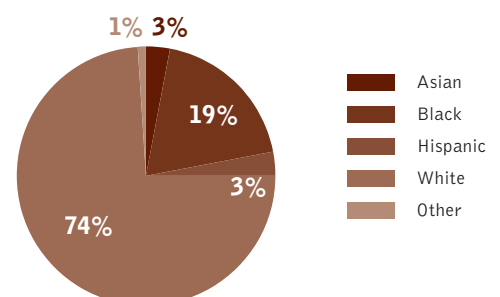
AGE



GENDER



RACE



Physicians, All Other

All physicians not listed separately. Includes Urologists, Allergists, and Sports Medicine Physicians

2022 Jobs

1,467

2011–21 % Change

+13%

Median Hourly Earnings

\$115.03

Skill Level

High

2022 Job Postings

682

EDUCATION & SKILLS

EDUCATION

Doctoral or professional degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

Internship/residency

TOP PROGRAMS

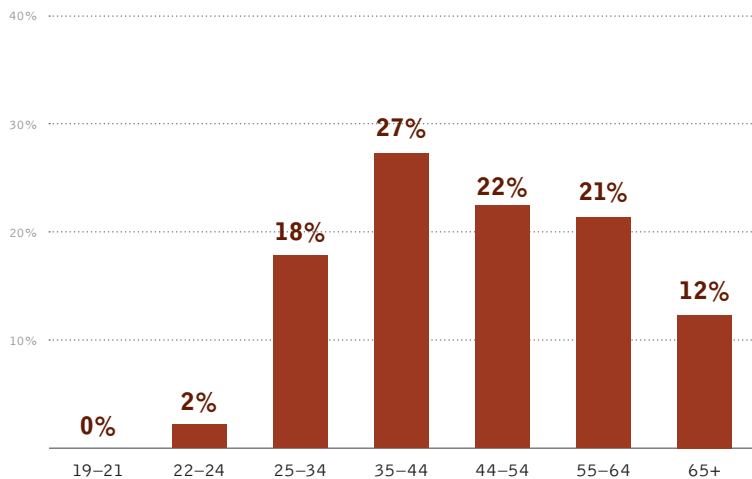
Medicine
Sports, Kinesiology, and Physical Education/Fitness, General
Pre-Medicine/Pre-Medical Studies

TOP SKILLS

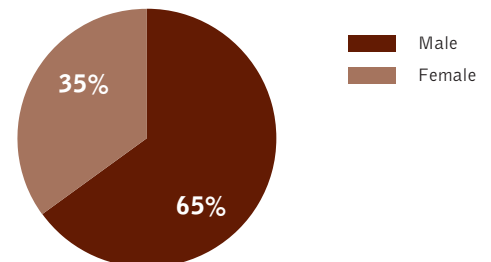
Hospital Medicine
Internal Medicine
Family Medicine
Medical Records
Primary Care

DEMOGRAPHICS

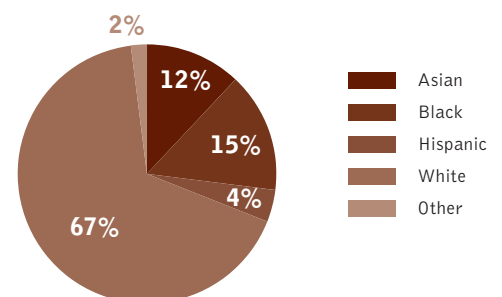
AGE



GENDER



RACE



Radiologic Technologists and Technicians

Take x-rays and CAT scans or administer nonradioactive materials into patient's bloodstream for diagnostic or research purposes. Includes radiologic technologists and technicians who specialize in other scanning modalities.

2022 Jobs

1,071

2011-21 % Change

+45%

Median Hourly Earnings

\$27.41

Skill Level

Middle

2022 Job Postings

636

EDUCATION & SKILLS

EDUCATION

Associate's degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Radiologic Technology/Science
- RadiographerMedical Radiologic
Technology/Science -
Radiation TherapistHealth/Medical Preparatory
Programs, Other

TOP SKILLS

Radiology

Radiography

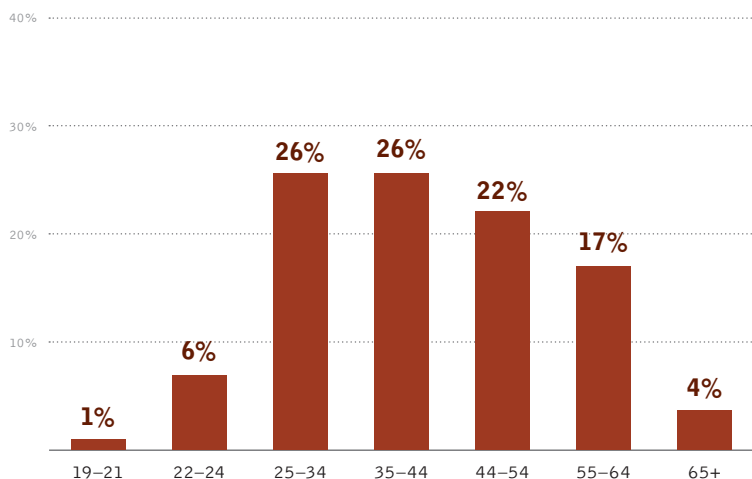
Data Entry

Radiation Protection

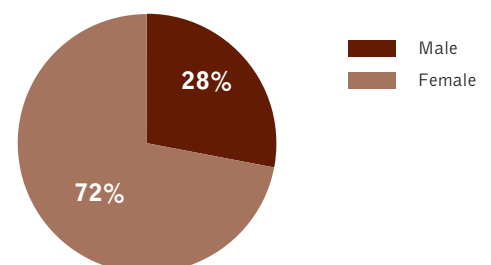
Equipment Maintenance

DEMOGRAPHICS

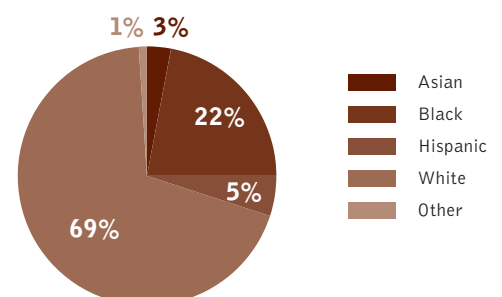
AGE



GENDER



RACE



Physical Therapists

Assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and improve or correct disabling conditions resulting from disease or injury.

2022 Jobs

1,057

2011–21 % Change

49%

Median Hourly Earnings

\$45.54

Skill Level

High

2022 Job Postings

510

EDUCATION & SKILLS

EDUCATION

Doctoral or professional degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Physical Therapy/Therapist

Pre-Physical Therapy Studies

TOP SKILLS

Physical Therapy

Rehabilitation

Treatment Planning

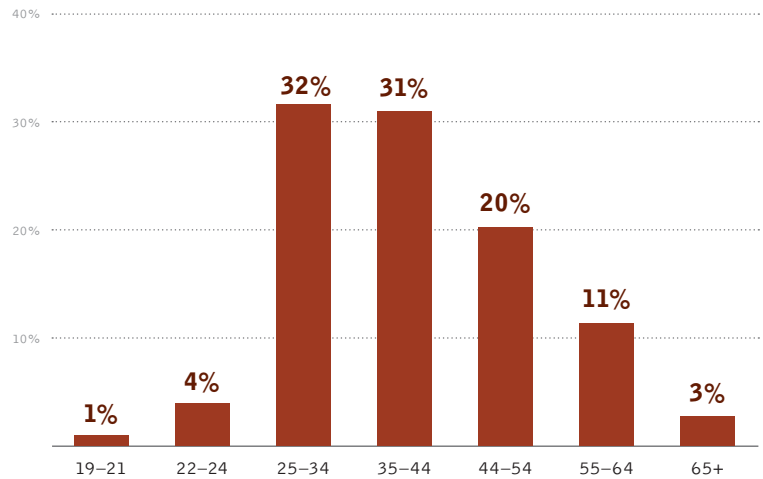
Cardiopulmonary

Resuscitation (CPR)

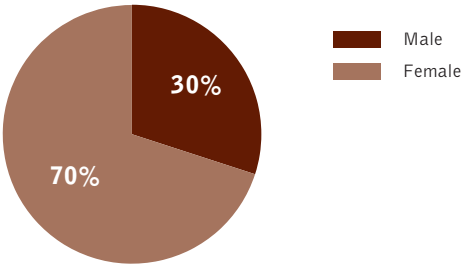
Caregiving

DEMOGRAPHICS

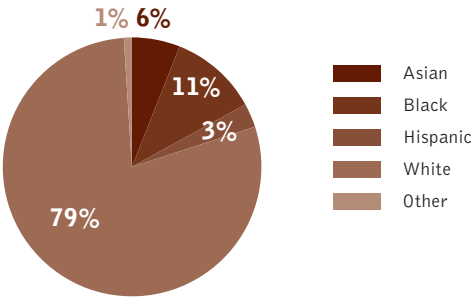
AGE



GENDER



RACE



Respiratory Therapists

Assess, treat, and care for patients with breathing disorders. Assume primary responsibility for all respiratory care modalities, including the supervision of respiratory therapy technicians. Initiate and conduct therapeutic procedures; maintain patient records; and select, assemble, check, and operate equipment.

2022 Jobs

861

2011–21 % Change

+44%

Median Hourly Earnings

\$27.00

Skill Level

Middle

2022 Job Postings

322

EDUCATION & SKILLS

EDUCATION

Associate's degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

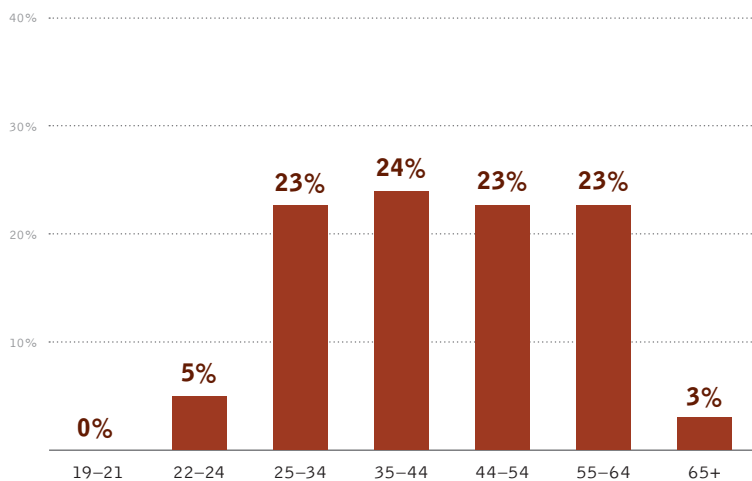
Respiratory Care Therapy/
Therapist

TOP SKILLS

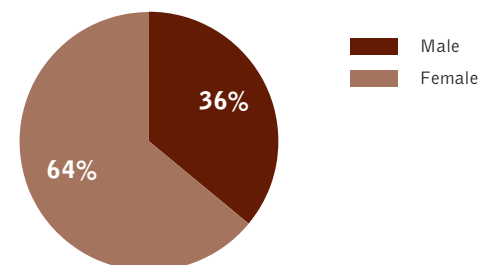
Respiratory Therapy
Respiratory Care
Patient Education And
Counseling
Pulmonology
Cardiopulmonary
Resuscitation (CPR)

DEMOGRAPHICS

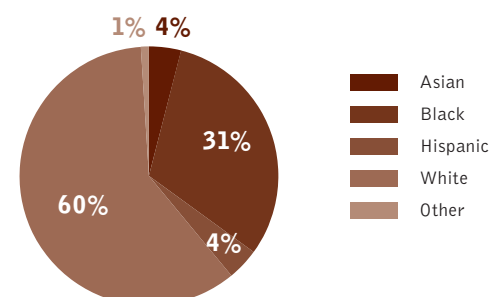
AGE



GENDER



RACE



Surgical Technologists

Assist in operations, under the supervision of surgeons, registered nurses, or other surgical personnel. May help set up operating room, prepare and transport patients for surgery, adjust lights and equipment, pass instruments and other supplies to surgeons and surgeon's assistants.

2022 Jobs

361

2011–21 % Change

+33%

Median Hourly Earnings

\$21.44

Skill Level

Middle

2022 Job Postings

456

EDUCATION & SKILLS

EDUCATION

Postsecondary nondegree award

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Surgical Technology/
Technologist

Allied Health and Medical
Assisting Services, Other

TOP SKILLS

Surgery

Operating Room (OR)

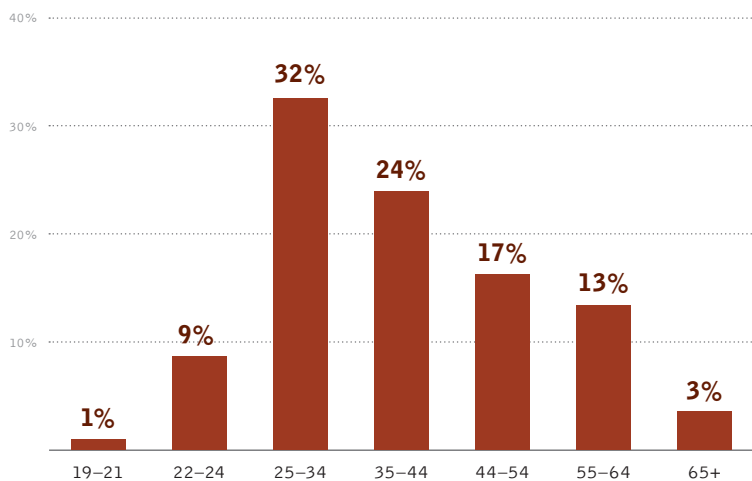
Surgical Technology

Asepsis

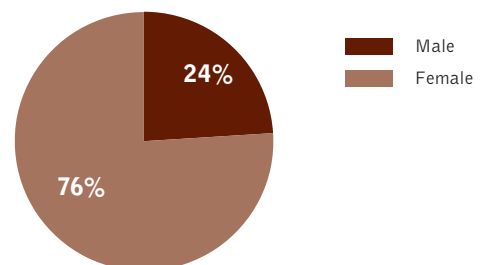
Surgical Procedures

DEMOGRAPHICS

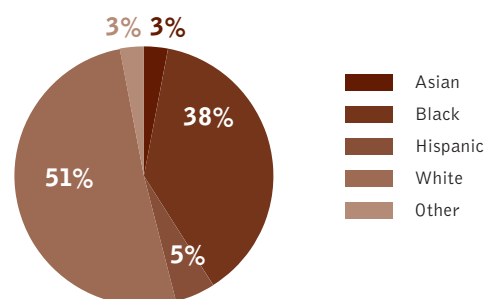
AGE



GENDER



RACE



Transportation & Warehousing Occupations

Strategically located in the Gulf South and on the Mississippi River, Greater New Orleans is one of the epicenters of the nation's transportation and logistics sector. With four deepwater ports, a best-in-class airport, six Class I railroads, and two interstates, the region supports many thousands of jobs in transportation, logistics, and production.

EMERGING OCCUPATION:

Supply Chain

Greater New Orleans has long been a leader in the transportation and logistics sector. With a world-class port system, integrated multimodal transportation infrastructure, an international airport, and a skilled workforce, thousands of transportation and logistics companies call Greater New Orleans home.

Together, the region's four deep-water draft ports handle a diverse range of goods, ranging from steel, to petrochemicals, to containerized goods. However, the transportation of goods is not limited to just our waterways. The transportation and logistics sector spans across our multimodal transportation infrastructure, including rail, trucking, warehousing, and air.

What's more, the Port of New Orleans' \$1.8 billion expansion project will further solidify Louisiana's future as a logistics hub. It is estimated that 17,000 new jobs will be created in the state as a result of the expansion. While many of these jobs will be created at the port, a significant number of these jobs will be created in other industries such as rail, trucking, and warehousing.

An analysis of job postings for this profession from around the United States has identified the following skills as being the most in-demand:

Supply Chain
Operations
Management
Communications
Leadership
Supply Chain
Management
Planning
Problem Solving
Procurement



Career Profile: Supply Chain Managers

Direct or coordinate production, purchasing, warehousing, distribution, or financial forecasting services or activities to limit costs and improve accuracy, customer service, or safety. Examine existing procedures or opportunities for streamlining activities to meet product distribution needs. Direct the movement, storage, or processing of inventory.

KEY TASKS

- Determine appropriate equipment and staffing levels to load, unload, move, or store materials.
- Manage activities related to strategic or tactical purchasing, material requirements planning, controlling inventory, warehousing, or receiving.
- Select transportation routes to maximize economy by combining shipments or consolidating warehousing and distribution.
- Define performance metrics for measurement, comparison, or evaluation of supply chain factors, such as product cost or quality.
- Implement new or improved supply chain processes to improve efficiency or performance.

TYPICAL EDUCATION AND TRAINING

Bachelor's degree

SIMILAR OCCUPATIONS

Industrial Production Managers
Logistics Analysts
Logistics Engineers
Transportation, Storage, and
Distribution Managers

Heavy and Tractor-Trailer Truck Drivers

Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial drivers' license.

2022 Jobs

6,785

2011–21 % Change

+10%

Median Hourly Earnings

\$22.27

Skill Level

Middle

2022 Job Postings

2,833

EDUCATION & SKILLS

EDUCATION

Postsecondary non-degree award

TOP PROGRAMS

None

TOP SKILLS

Truck Driving

Commercial Driving

Warehousing

Flatbed Truck Operation

Pre-Trip And Post-Trip Vehicle Inspections

ON THE JOB TRAINING

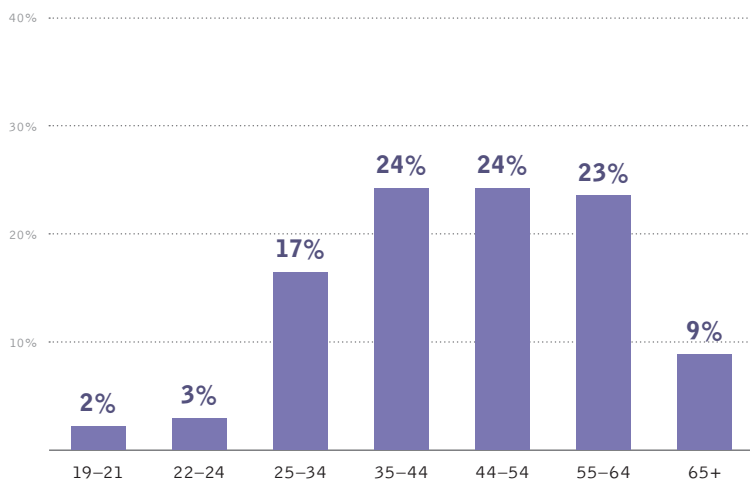
Short-term

WORK EXPERIENCE

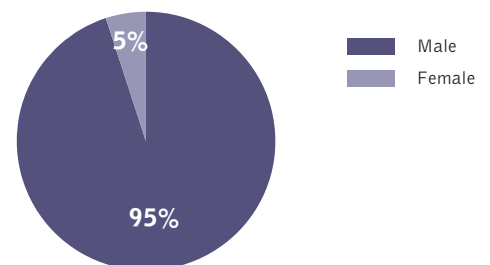
Short-term on-the-job training

DEMOGRAPHICS

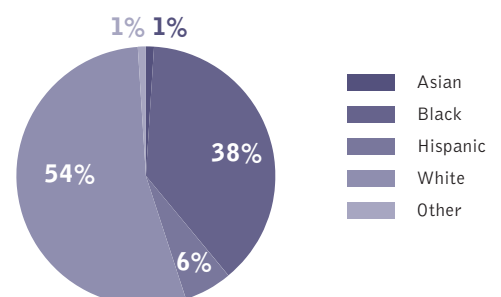
AGE



GENDER



RACE



Captains, Mates, and Pilots of Water Vessels

Command or supervise operations of ships and water vessels, such as tugboats and ferryboats.

2022 Jobs

2,590

2011–21 % Change

+22%

Median Hourly Earnings

\$48.73

Skill Level

Middle

2022 Job Postings

178

EDUCATION & SKILLS

EDUCATION

Postsecondary nondegree award

ON THE JOB TRAINING

Less than five years

WORK EXPERIENCE

None

TOP PROGRAMS

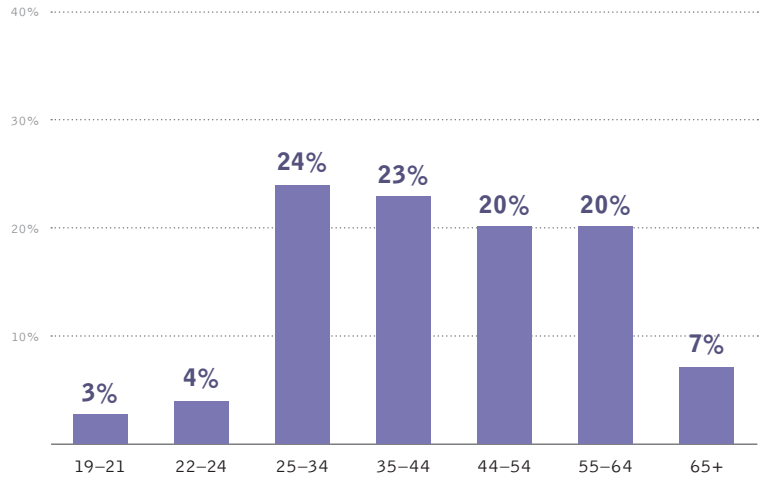
Marine Transportation, Other

TOP SKILLS

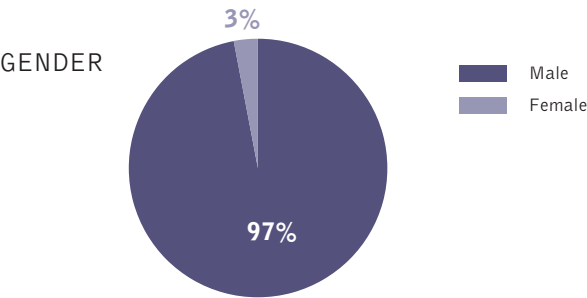
- Barges
- Balancing (Ledger/Billing)
- Navigational Instruments
- Vessel Security
- Corrective And Preventive Action (CAPA)

DEMOGRAPHICS

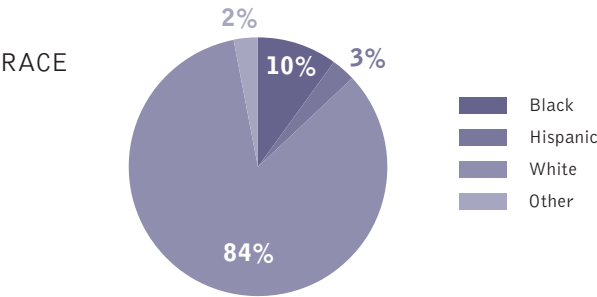
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GENDER



RACE



First-Line Supervisors of Transportation and Material Moving Workers

Except Aircraft Cargo Handling Supervisors

This occupation includes First-Line Supervisors of Helpers, Laborers, and Material Movers (Hand); First-Line Supervisors of Material-Moving Machine and Vehicle Operators; First-Line Supervisors of Passenger Attendants; and First-Line Supervisors of Transportation Workers (All Other).

2021 Jobs

2,407

2011–21 % Change

+9%

Median Hourly Earnings

\$23.79

Skill Level

Middle

2022 Job Postings

231

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Less than 5 years

WORK EXPERIENCE

None

TOP PROGRAMS

None

TOP SKILLS

Warehousing

Shipping And Receiving

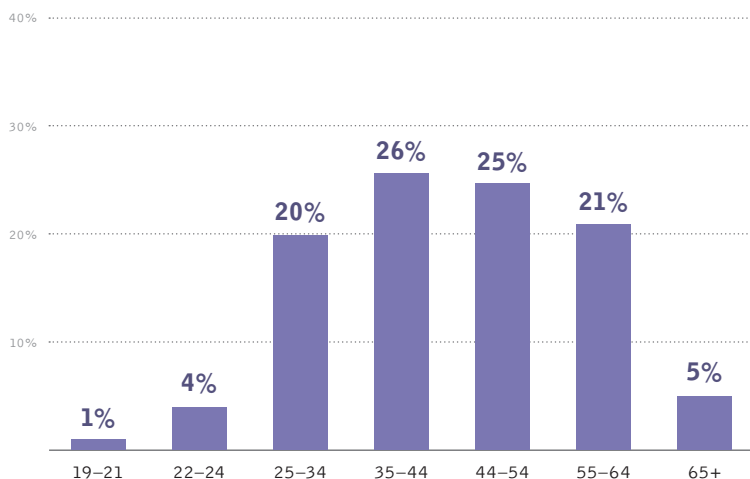
Forklift Truck

Inventory Control

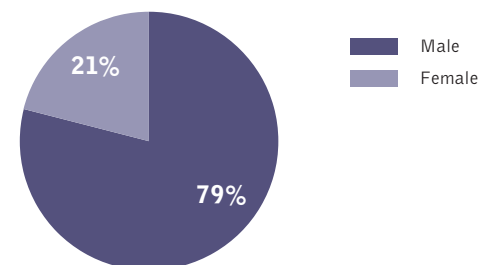
Auditing

DEMOGRAPHICS

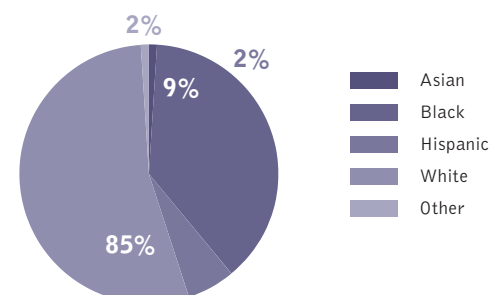
AGE



GENDER



RACE



Inspectors, Testers, Sorters, Samplers, and Weighers

Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.

2022 Jobs

2,133

2011–21 % Change

+26%

Median Hourly Earnings

\$23.14

Skill Level

Middle

2022 Job Postings

393

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

None

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

None

TOP SKILLS

Corrective And Preventive Action (CAPA)

Auditing

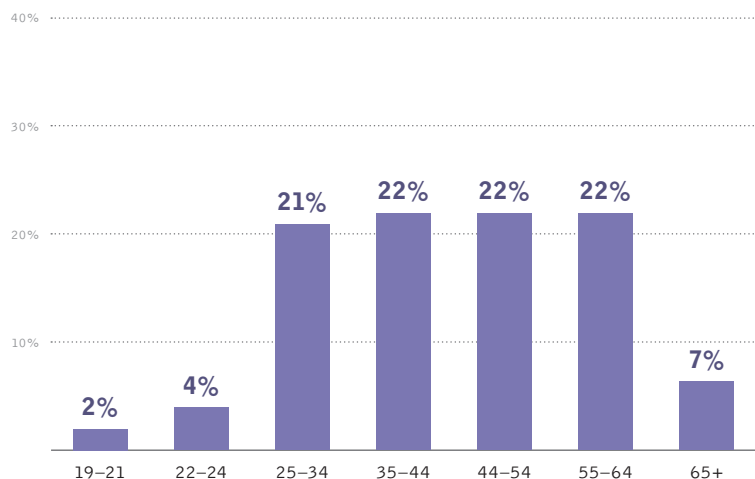
Construction

Application Programming Interface (API)

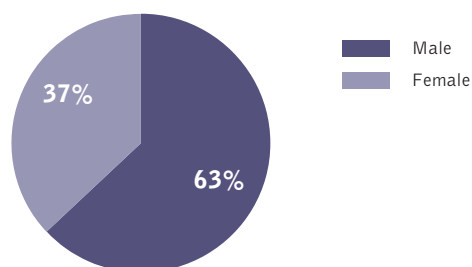
Refinery Experience

DEMOGRAPHICS

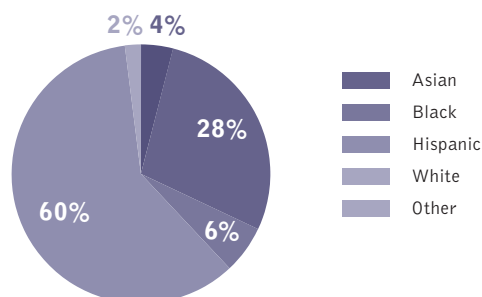
AGE



GENDER



RACE



Buyers and Purchasing Agents

Purchase farm products either for further processing or resale. Includes tree farm contractors, grain brokers and market operators, grain buyers, and tobacco buyers. Buy merchandise or commodities, other than farm products, for resale to consumers at the wholesale or retail level, including both durable and nondurable goods.

2022 Jobs

1,242

2011–21 % Change

+15%

Median Hourly Earnings

\$24.27

Skill Level

High

2022 Job Postings

501

EDUCATION & SKILLS

EDUCATION

Bachelor's degree

TOP PROGRAMS

None

ON THE JOB TRAINING

Moderate-term

WORK EXPERIENCE

Moderate-term on-the-job training

TOP SKILLS

Purchasing

Procurement

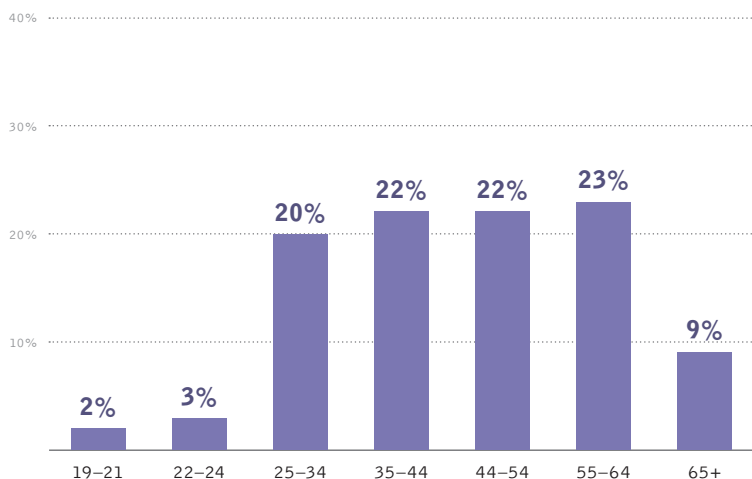
Contract Management

Accounting

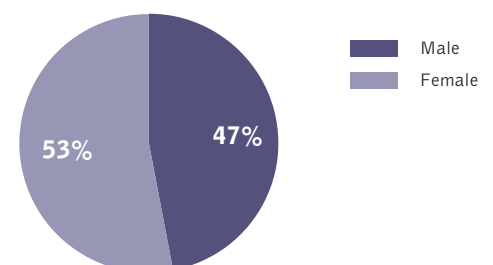
Finance

DEMOGRAPHICS

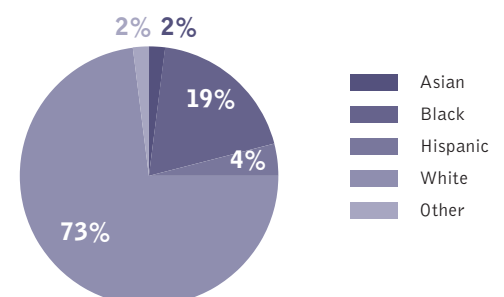
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GENDER



RACE



Ship Engineers

Supervise and coordinate activities of crew engaged in operating and maintaining engines, boilers, deck machinery, and electrical, sanitary, and refrigeration equipment aboard ship.

2022 Jobs

525

2011–21 % Change

+47%

Median Hourly Earnings

\$40.70

Skill Level

Middle

2022 Job Postings

3

EDUCATION & SKILLS

EDUCATION

Postsecondary nondegree award

ON THE JOB TRAINING

Less than 5 years

WORK EXPERIENCE

None

TOP PROGRAMS

Marine Transportation, Other

TOP SKILLS

Emergency Response

Environmental Compliance

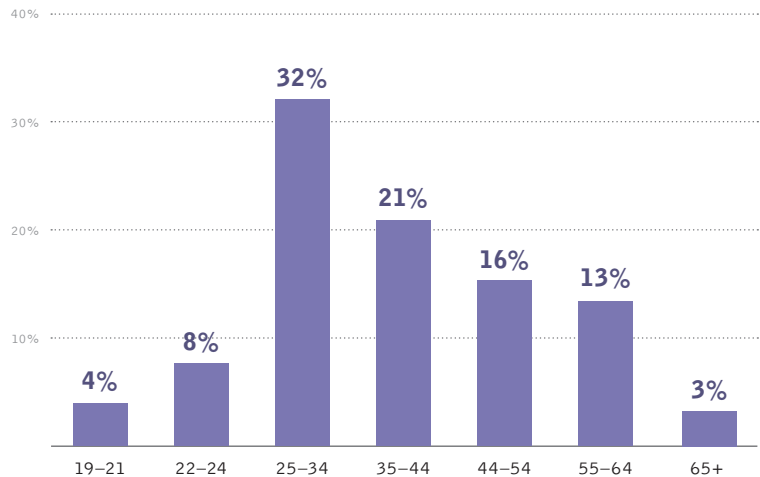
Navigational Instruments

Lifting Equipment

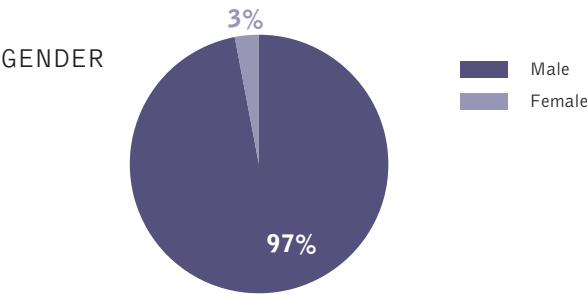
Internal Combustion Engines

DEMOGRAPHICS

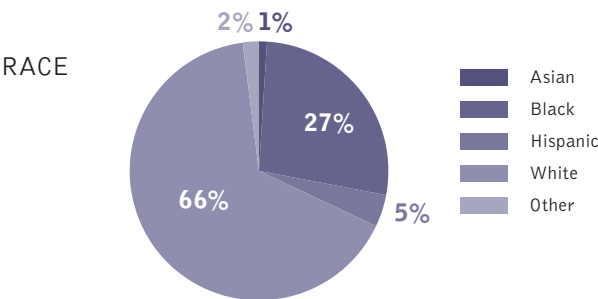
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GENDER



RACE



Logisticians

Analyze and coordinate the ongoing logistical functions of a firm or organization. Responsible for the entire life cycle of a product, including acquisition, distribution, internal allocation, delivery, and final disposal of resources.

2022 Jobs

476

2011–21 % Change

+59%

Median Hourly Earnings

\$35.72

Skill Level

High

2022 Job Postings

189

EDUCATION & SKILLS

EDUCATION

Bachelor’s degree

ON THE JOB TRAINING

None

WORK EXPERIENCE

None

TOP PROGRAMS

Logistics, Materials, and Supply Chain Management

Operations Management and Supervision

TOP SKILLS

Supply Chain

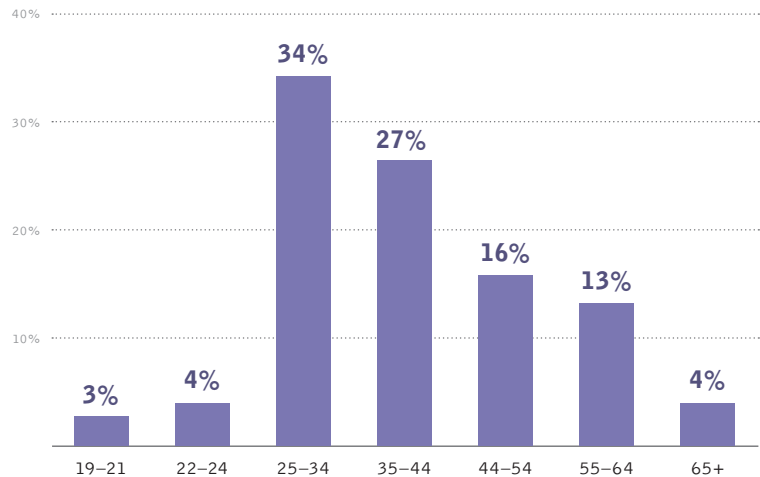
Warehousing

Logistics Purchasing

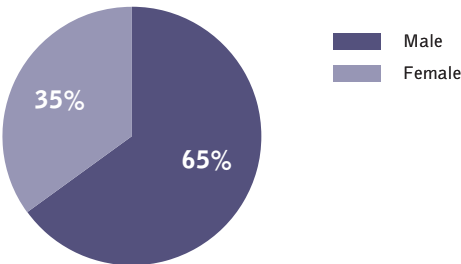
Production Planning

DEMOGRAPHICS

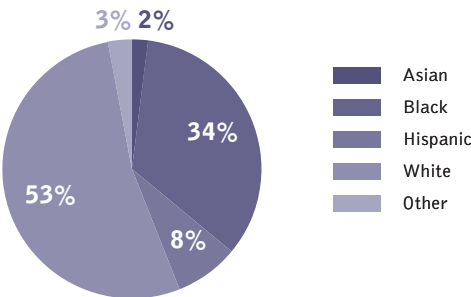
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GENDER



RACE



Tank Car, Truck, and Ship Loaders

Load and unload chemicals and bulk solids, such as coal, sand, and grain, into or from tank cars, trucks, or ships, using material moving equipment. May perform a variety of other tasks relating to shipment of products. May gauge or sample shipping tanks and test them for leaks

2022 Jobs

346

2011–21 % Change

+11%

Median Hourly Earnings

\$21.49

Skill Level

Basic

2022 Job Postings

22

EDUCATION & SKILLS

EDUCATION

No formal educational credential

TOP PROGRAMS

None

TOP SKILLS

Valves (Piping)

Safety Training

Environment Health And Safety

Tanker Truck Operation

Forklift Truck

ON THE JOB TRAINING

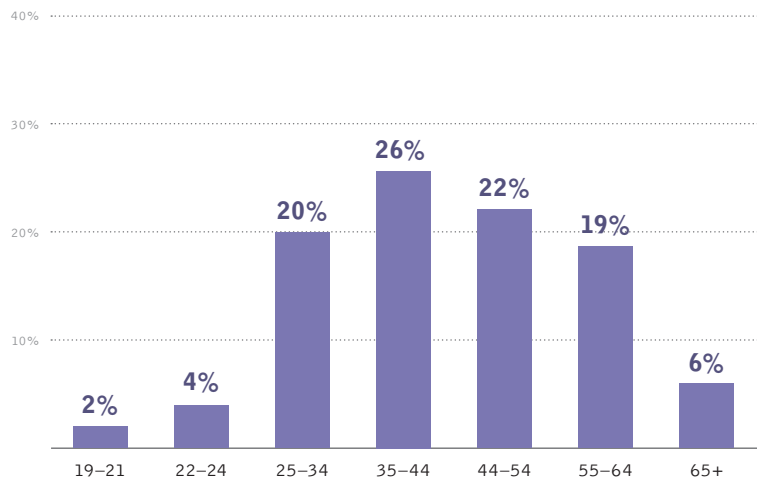
Short-term

WORK EXPERIENCE

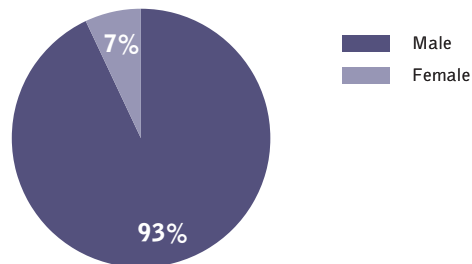
Short-term on-the-job-training

DEMOGRAPHICS

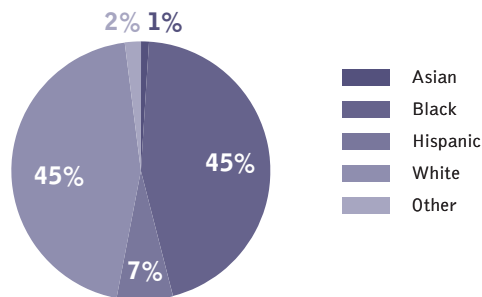
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GENDER



RACE



Flight Attendants

Monitor safety of the aircraft cabin. Provide services to airline passengers, explain safety information, serve food and beverages, and respond to emergency incidents.

2022 Jobs

296

2011–21 % Change

+500%

Median Hourly Earnings

\$24.13

Skill Level

Middle

2022 Job Postings

9

EDUCATION & SKILLS

EDUCATION

High school diploma or equivalent

ON THE JOB TRAINING

Less than 5 years

WORK EXPERIENCE

Moderate-term on-the-job training

TOP PROGRAMS

None

TOP SKILLS

Federal Aviation Regulations

Inventory Management

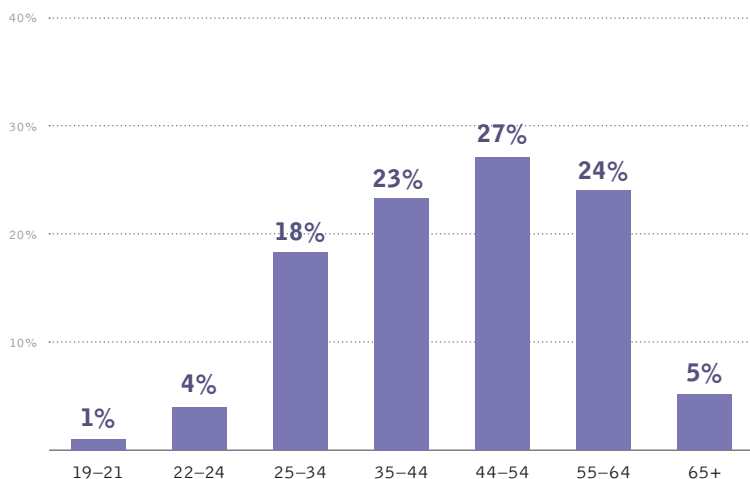
Emergency Evacuation

De-escalation Techniques

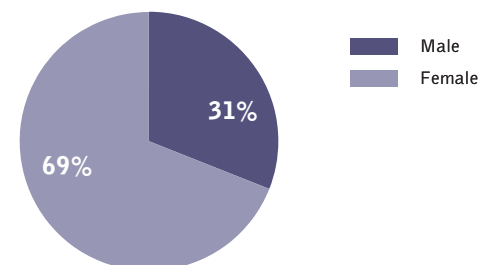
Passenger Service

DEMOGRAPHICS

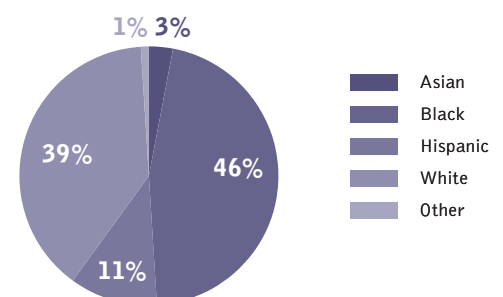
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GENDER



RACE



Airline Pilots, Copilots, and Flight Engineers

Pilot and navigate the flight of fixed-wing aircraft, usually on scheduled air carrier routes, for the transport of passengers and cargo. Requires Federal Air Transport certificate and rating for specific aircraft type used. Includes regional, national, and international airline pilots and flight instructors of airline pilots.

2022 Jobs

264

2011–21 % Change

+2%

Median Hourly Earnings

\$58.94

Skill Level

High

2022 Job Postings

7

EDUCATION & SKILLS

EDUCATION

Bachelor's degree

TOP PROGRAMS

None

ON THE JOB TRAINING

Less than 5 years

WORK EXPERIENCE

Moderate-term on-the-job training

TOP SKILLS

Training Documentation

Fire Suppression Systems

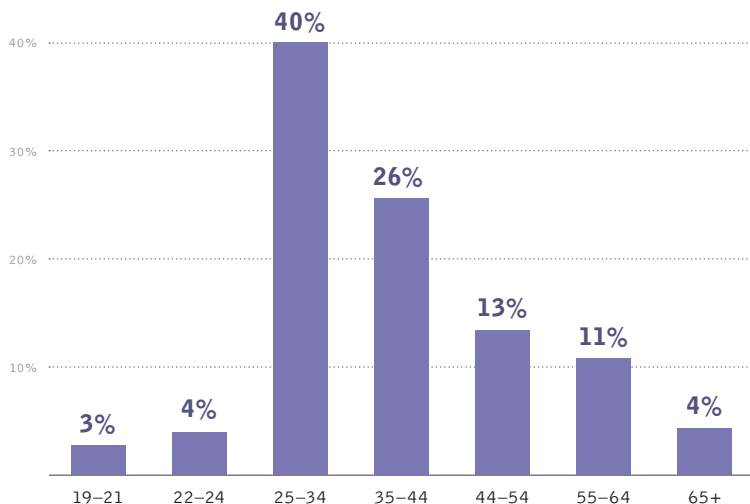
Navigational Aid

Equipment Maintenance

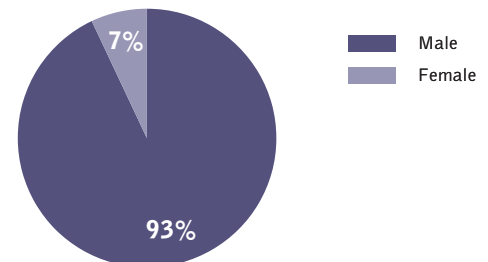
Flight Planning

DEMOGRAPHICS

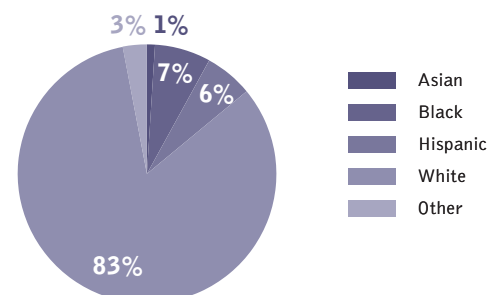
AGE



GENDER



RACE



Glossary

JOBS

A job is any full- or part-time position in which a worker provides labor in exchange for financial compensation. Job figures are reported as annual job averages and represent positions as opposed to workers, since a worker may occupy multiple jobs. For the purposes of this report, self-employed workers are not included.

SKILL LEVEL

Skill level is determined by typical entry-level education, on-the-job training, and work experience.

- * BASIC-SKILL jobs are those that either require a high school diploma with no formal training or experience, or do not require any formal education.
- * MIDDLE-SKILL jobs are those that require some form of education or training beyond high school, but do not require a bachelor's degree.
- * HIGH-SKILL jobs require a bachelor's degree or above.

EARNINGS

Earnings include base pay, cost of living allowance, guaranteed pay, hazardous-duty pay, commissions and bonuses, on-call pay, and tips. For the purposes of this report, occupational earnings do not include benefits.

TOP PROGRAMS

To determine the top programs by occupation, Lightspeed connects the jobs to the education programs that typically train for them using a modified version of the National Center for Education Statistics Classification of Instructional Programs (CIP) to SOC Crosswalk.

TOP SKILLS

Top skills are determined by O*NET by surveying a national random sample of job incumbents using standardized questionnaires. For the purposes of this report, the top five skills for each occupation as listed by Lightspeed were chosen.

EDUCATION, TRAINING, AND ON-THE JOB EXPERIENCE

Typical entry level education is determined by the Bureau of Labor Statistic. Based off of analyses of quantitative data including educational attainment and work experienced, the BLS utilizes a methodology to assign categories for entry-level education, work experience, and typical on-the-job training to each occupation. Although multiple paths to entry for an occupation may exist, the BLS captures the typical path.

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