

Employment Outlook: 2021–31

Domingo Angeles

Economist

U.S. Bureau of Labor Statistics

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Employment Projections Background

- 2021–31 projections cover 832 occupations and 295 industries
- BLS projections are prepared at the national level only
 - ▶ BLS projections serve as an input for state and local employment projections



Employment Projections Users and Uses

- Career counselors and students making career choice decisions
- Jobseekers looking to find work or switch occupations
- Education and training officials making decisions on policy, funding, and program offerings based on demand for occupations
- Researchers interested in how the economy is changing



Employment Projections Products

- Occupational Outlook Handbook (OOH), as a website and as an app
- Career Outlook
- Long-term employment projections by industry and occupation
- Technical materials—occupational openings, education and training categories, and more



Home

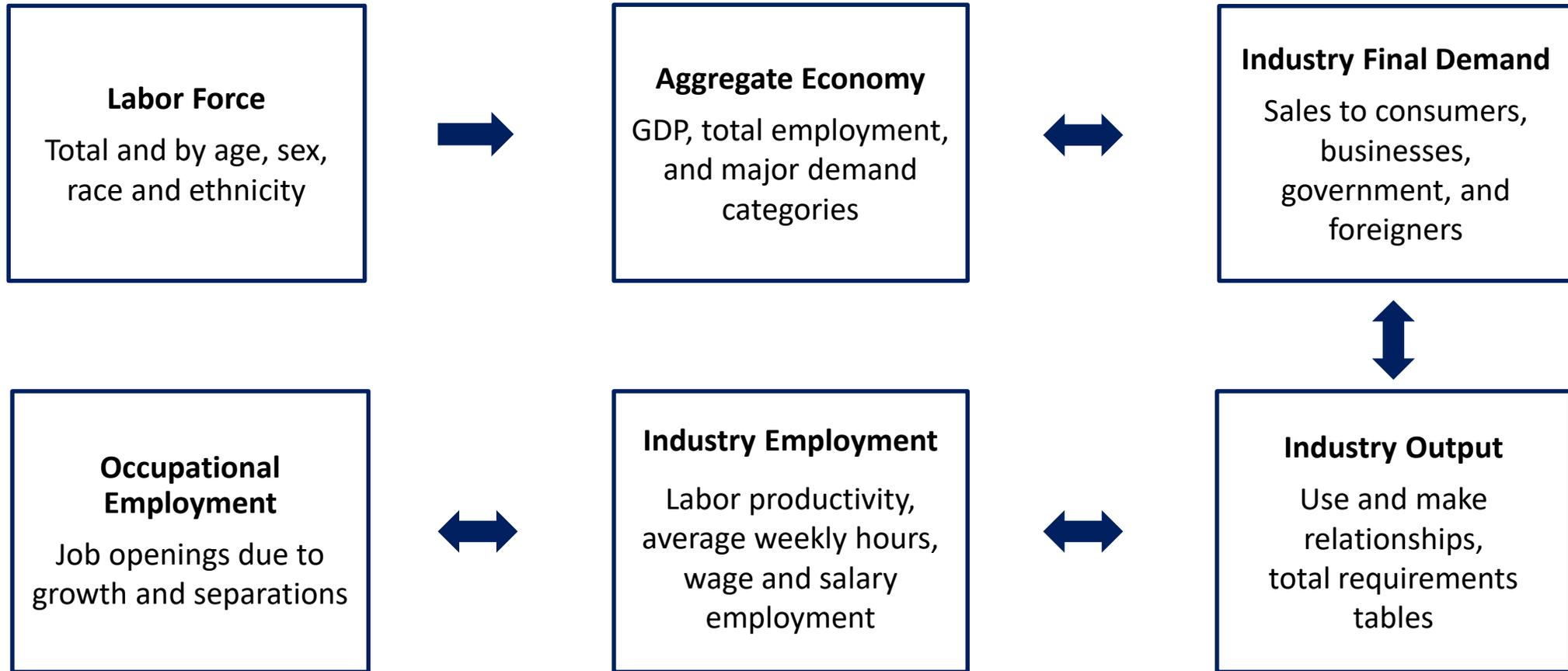


The app is available for [iOS](#)® and [Android](#)® devices.

The screenshot displays the main content area of the Career Outlook website. On the left is a sidebar titled 'OCCUPATION GROUPS' with a list of categories such as 'Architecture and Engineering', 'Arts and Design', 'Building and Grounds Cleaning', 'Business and Financial', 'Community and Social Service', 'Computer and Information Technology', 'Construction and Extraction', 'Education, Training, and Library', 'Entertainment and Sports', 'Farming, Fishing, and Forestry', 'Food Preparation and Serving', 'Healthcare', 'Installation, Maintenance, and Repair', 'Legal', 'Life, Physical, and Social Science', 'Management', 'Math', 'Media and Communication', 'Military', 'Office and Administrative Support', 'Personal Care and Service', 'Production', and 'Protective Service'. The main content area features a 'SELECT OCCUPATIONS BY' section with filters for '2021 Me' and 'Number'. Below this is a 'FEATURED ARTICLE' section with an illustration of diverse workers and the headline 'Fast-growing occupations that pay well and don't require a college degree' by Ryan Farrell and William Lawhorn, dated June 2022. To the right, there are additional article teasers: 'Interview with a... Community health worker' and 'Data on display: Education pays, 2021'. A 'You're a what?' section highlights 'Climatologist'.

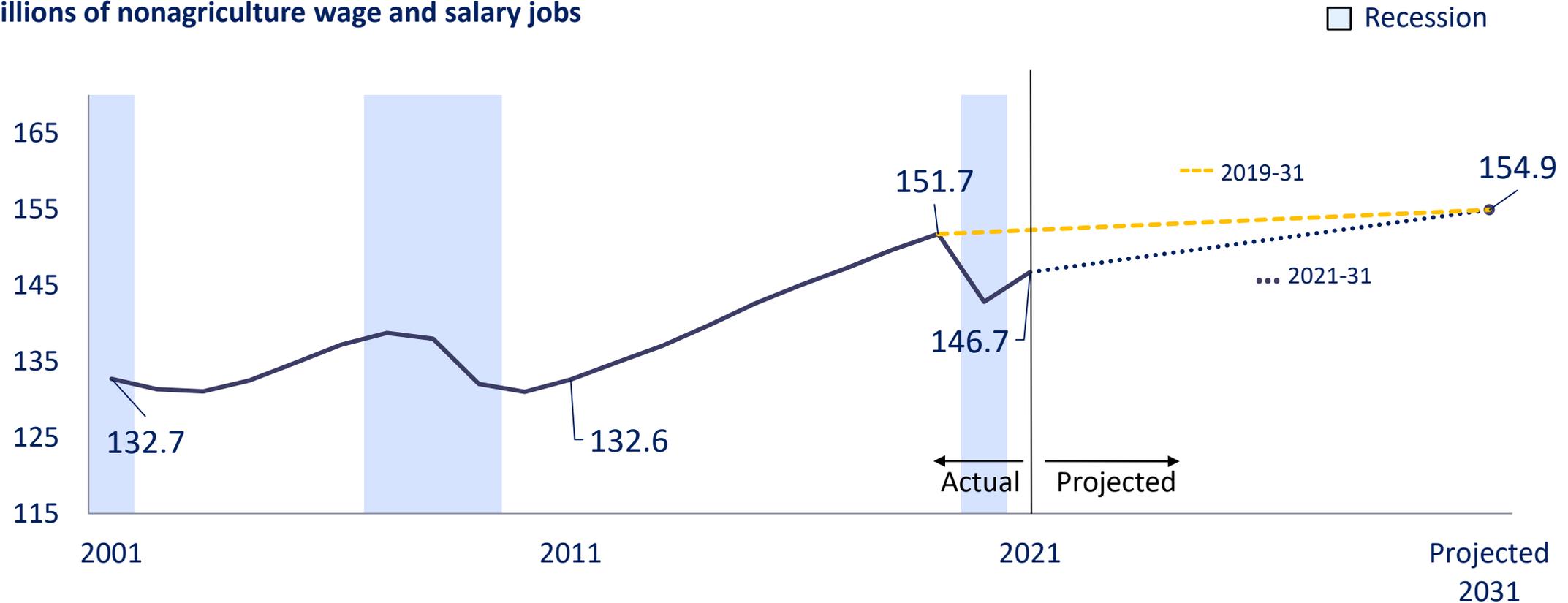


Employment Projections Process



Total Nonagriculture Wage and Salary Employment

Millions of nonagriculture wage and salary jobs



Industries Involving Space Activities

- The emergence of private space companies has expanded economic activity related to space exploration and commercialization.



Areas of Focus

■ Short-term areas

- Satellite services
 - Trends in commercial satellite service activity
 - Potential impacts of reusable rocket technology
 - Trends in satellite internet services demand
- Space tourism
 - Potential impacts of commercial suborbital flights

■ Longer-term areas

- Manufacturing of goods in space
- Space-based materials mining
- Deep space exploration

Industries of Focus

- Aerospace product and parts manufacturing (336400)
- Navigational, Measuring, Electromedical, and Control Instruments Manufacturing (334500)
- Satellite Telecommunications (517400, as a part of 517000)
- Research and development in the physical, engineering, and life sciences (541710)



Aerospace Product and Parts Manufacturing

Aerospace product and parts manufacturing employment by occupation, 2021 and projected 2031.
(Employment in thousands)

Occupation Title	Occupation Code	2021 Employment	2021 Percent of Industry	Projected 2031 Employment	Projected 2031 Percent of Industry	Employment Change, 2021-2031	Employment Percent Change, 2021-2031
Total, all occupations	00-0000	479.7	100	466.1	100	-13.6	-2.8
Production occupations	51-0000	163.3	34	148.2	31.8	-15.1	-9.2
Architecture and engineering occupations	17-0000	101.5	21.2	102.7	22	1.2	1.2
Business and financial operations occupations	13-0000	53	11	52.9	11.3	-0.1	-0.1
Computer and mathematical occupations	15-0000	42.1	8.8	45.2	9.7	3.1	7.4



Resources for Additional Information



Occupational Outlook Handbook

www.bls.gov/ooh

OOH HOME | OCCUPATION FINDER | OOH FAQ | OOH GLOSSARY | A-Z INDEX | OOH SITE MAP

OCCUPATIONAL OUTLOOK HANDBOOK

Home

Get the CareerInfo app for the Occupational Outlook Handbook (OOH).

Scan with your device



The app is available for [iOS](#) and [Android](#) devices.

- ### OCCUPATION GROUPS
- Architecture and Engineering
 - Arts and Design
 - Building and Grounds Cleaning
 - Business and Financial
 - Community and Social Service
 - Computer and Information Technology
 - Construction and Extraction
 - Education, Training, and Library
 - Entertainment and Sports
 - Farming, Fishing, and Forestry
 - Food Preparation and Serving
 - Healthcare
 - Installation, Maintenance, and Repair
 - Legal
 - Life, Physical, and Social Science
 - Management
 - Math
 - Media and Communication
 - Military
 - Office and Administrative Support
 - Personal Care and Service
 - Production
 - Protective Service

SELECT OCCUPATIONS BY

2021 Median Pay	Entry-Level Education	On-the-job Training
Number of New Jobs (Projected)	Growth Rate (Projected)	<input type="button" value="GO"/>

FEATURED OCCUPATION



Physical Therapist Assistants and Aides

Physical therapist assistants and aides work under the direction and supervision of physical therapists.

[view profile »](#)

A-Z INDEX

[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

BROWSE OCCUPATIONS

Highest Paying	Fastest Growing (Projected)	Most New Jobs (Projected)	Field of Degree
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Occupational Outlook Handbook App

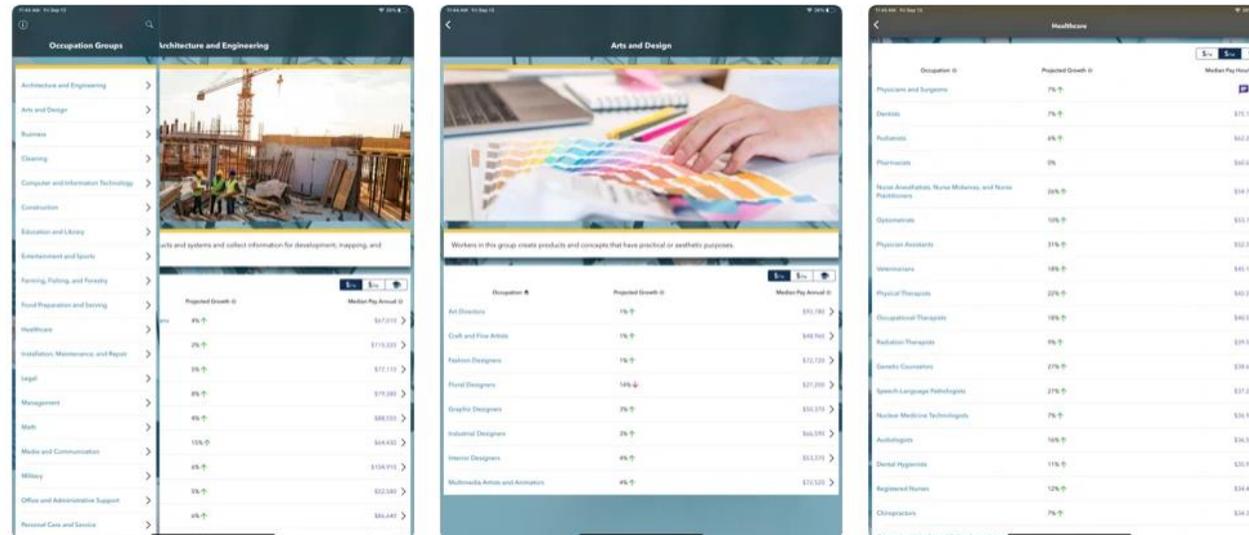
Available for download as the **CareerInfo** app for Apple iOS and Android

App Store Preview



CareerInfo 4+
Explore CareerInfo
U.S. Department of Labor
Designed for iPad
★★★★★ 4.8 • 14 Ratings
Free

Screenshots [iPad](#) [iPhone](#)



Career Outlook

www.bls.gov/careeroutlook

- *Career Outlook* is published throughout the year, and includes practical information on jobs and careers
- Includes feature articles, interviews with workers, and “you’re a what?” – describes careers people may not know about



The screenshot shows the Career Outlook website interface. At the top, there is a navigation bar with links for HOME, ABOUT, ARCHIVES, CONTACT US, and SUBSCRIBE. A search bar is located on the right side of the navigation bar. Below the navigation bar, there is a featured article section titled "FEATURED ARTICLE" with an illustration of various workers. The article title is "Fast-growing occupations that pay well and don't require a college degree" by Ryan Farrell and William Lawhorn, dated June 2022. Below the title is a short summary and a "Read full article" link. To the right of the featured article, there are three additional article teasers: "Interview with a... Community health worker", "Data on display: Education pays, 2021", and "You're a what? Climatologist". Each teaser includes a small image and a "Read more" link.

Employment Projections Program

www.bls.gov/emp



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The **Employment Projections (EP)** program develops information about the labor market for the Nation as a whole for 10 years in the future.

NOTICES

- » Projections overview article coming soon [Read More »](#)
- » 2021–31 Employment Projections released [Read More »](#)

VIDEOS



BLS OCCUPATIONAL EMPLOYMENT PROJECTIONS, 2021–31

Check out the highlights of the 2021–31 projections, including the fastest growing occupations overall, the occupations expected to have the most new jobs, the fastest growing occupations that require a bachelor's degree or more, and the fastest growing occupations that require some postsecondary education. (This video has background music but no spoken words.)

[read more »](#)

NEWS RELEASE

Employment is projected to increase by 8.3 million jobs from 2021 to 2031

09/08/2022

Total employment is projected to grow by 8.3 million jobs from 2021–31. Nearly one-third of new jobs are projected to be in healthcare and social assistance. Pandemic recovery is a key driver of projected job growth in some sectors. The Occupational Outlook Handbook features the 2021–31...

[HTML](#) | [PDF](#) | [RSS](#)

PUBLICATIONS

HANDBOOK OF METHODS



Employment Projections Overview

[read more »](#)

- 2021–31 projections cover 832 occupations and 295 industries at the national level only

- The projections form the basis for data and outlook information in the Occupational Outlook Handbook (OOH)



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