



NC DEPARTMENT
of COMMERCE
LABOR & ECONOMIC
ANALYSIS

LMI TUESDAYS!

Session 2022-14: The 2020 – 2030 Projections, Part 1

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Outline

1. General overview of projections
2. Industry Employment Projections
3. Occupation Projections
4. Questions?

What are projections?

- Estimates of where employment will be 10 years in the future
- Mandated as part of our grant agreement with the Employment and Training Administration (ETA), part of the Department of Labor
 - North Carolina is a leader in projections
- Schedule of projections

Projections-Related Products

- [Published tables](#)
- [Star jobs](#)*
- [NC Careers Tables](#)*
- Employment projections dashboards ([industry](#), [occupation](#))*

Word of Caution



- 2020 – 2030 Projections were developed from Feb 2022 – June 2022 using historical data through 2020
 - That means we didn't have 2021 data, which is when the economy recovered to pre-pandemic levels jobs-wise (though some industries are still catching up)
- As a result, we'll need an update, but presentation will be focused on showing you how to use the projections in the interim

Industry Employment Projections: Quick Quiz

Among the following subsector industries, which one is growing the fastest?

- A. Warehousing and Storage
- B. Professional, Scientific, and Technical Services
- C. Performing Arts, Spectator Sports, and Related Industries
- D. Museums, Historical Sites, and Similar Institutions

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Industry Employment Projections: Subsectors

Industry Code	Industry Title	Employment Estimate 2020	Employment Estimate 2030	Annualized Growth Rate	Percent Change, 2019-2020
711000	Performing Arts, Spectator Sports, and Related Industries	10,244	17,735	5.6%	-35.3%
712000	Museums, Historical Sites, and Similar Institution	3,139	5,143	5.1%	-28.2%
512000	Motion Picture and Sound Recording Industries	2,788	4,513	4.9%	-50.6%
493000	Warehousing and Storage	45,889	64,341	3.4%	37.6%
454000	Nonstore Retailers	14,958	19,845	2.9%	12.2%

Industry Employment Projections: Sectors

Industry Code	Industry Title	Employment Estimate 2020	Employment Estimate 2030	Annualized Growth Rate
710000	Arts, Entertainment, and Recreation	58,625	82,691	3.5%
720000	Accommodation and Food Services	365,695	462,052	2.4%
540000	Professional, Scientific, and Technical Services	267,051	324,792	2.0%
480000	Transportation and Warehousing	179,481	214,285	1.8%
620000	Health Care and Social Assistance	587,011	676,756	1.4%
510000	Information	73,445	83,339	1.3%
520000	Finance and Insurance	192,062	217,682	1.3%
230000	Construction	229,267	259,222	1.2%
530000	Real Estate and Rental and Leasing	59,694	66,691	1.1%
810000	Other Services (except Public Administration)	174,053	193,465	1.1%

Occupation Projections: Quick Quiz

Of these occupations, which ones are NOT in the top 10 fastest growing for the 2020-2030 projections cycle?

- A. Costume Attendants
- B. Cooks, Restaurant
- C. Ushers, Lobby Attendants, and Ticket Takers
- D. Agents and Business Managers of Artists, Performers, and Athletes
- E. Medical and Health Services Managers

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Occupation Projections

Occupation Code	Occupation Title	Employment Estimate 2020	Employment Estimate 2030	Annualized Growth Rate	2020 Median Annual Wage	Education Level Required
39-3092	Costume Attendants	40	63	4.7%	\$28,770	High school diploma or equivalent
29-1171	Nurse Practitioners	5,671	8,800	4.5%	\$106,770	Master's degree
35-2014	Cooks, Restaurant	42,538	65,607	4.4%	\$25,700	No formal educational credential
15-1212	Information Security Analysts	7,402	11,177	4.2%	\$100,780	Bachelor's degree
15-2041	Statisticians	2,194	3,281	4.1%	\$100,480	Master's degree
39-3031	Ushers, Lobby Attendants, and Ticket Takers	4,075	5,939	3.8%	\$19,600	No formal educational credential
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	380	542	3.6%	\$74,140	Bachelor's degree
19-1041	Epidemiologists	88	123	3.4%	\$70,370	Master's degree
47-2231	Solar Photovoltaic Installers	670	929	3.3%	\$37,770	High school diploma or equivalent
27-2031	Dancers	131	181	3.3%	s	No formal educational credential

Occupation Projections: Groups

Occupation Code	Occupation Title	Employment Estimate 2020	Employment Estimate 2030	Annualized Growth Rate	Average Annual Openings
35-0000	Food Preparation and Serving Related Occupations	371,032	460,433	2.2%	82,836
39-0000	Personal Care and Service Occupations	116,679	138,685	1.7%	20,925
31-0000	Healthcare Support Occupations	181,678	215,901	1.7%	27,398
15-0000	Computer and Mathematical Occupations	121,264	143,695	1.7%	11,485
53-0000	Transportation and Material Moving Occupations	411,234	476,357	1.5%	62,342

Occupation Projections: Filtering on Education

Occupation Code	Occupation Title	Employment Estimate 2020	Employment Estimate 2030	Annualized Growth Rate	2020 Median Annual Wage	Education Level Required
31-2021	Physical Therapist Assistants	2,780	3,797	3.2%	\$61,090	Associate's degree
31-2011	Occupational Therapy Assistants	1,368	1,832	3.0%	\$66,490	Associate's degree
51-9162	Computer Numerically Controlled Tool Programmers	557	745	3.0%	\$53,680	Postsecondary non-degree award
27-4011	Audio and Video Technicians	995	1,281	2.6%	\$40,680	Postsecondary non-degree award
31-9011	Massage Therapists	4,461	5,691	2.5%	\$41,220	Postsecondary non-degree award

Occupation Projections: Filtering on Education and Wage

Occupation Code	Occupation Title	Employment Estimate 2020	Employment Estimate 2030	Annualized Growth Rate	2020 Median Annual Wage	Education Level Required
53-2031	Flight Attendants	4,384	5,728	2.7%	\$62,900	High school diploma or equivalent
35-1011	Chefs and Head Cooks	2,479	3,199	2.6%	\$52,790	High school diploma or equivalent
49-9011	Mechanical Door Repairers	422	538	2.5%	\$40,070	High school diploma or equivalent
49-9041	Industrial Machinery Mechanics	11,953	15,115	2.4%	\$52,940	High school diploma or equivalent
21-1094	Community Health Workers	839	1,031	2.1%	\$40,870	High school diploma or equivalent

Summary

- The 2020-2030 projections have been published as part of our agreement with the ETA
- Due to the impact of COVID-19 on the projections, we will need to publish an update to the statewide projections, but we're in good hands
- Thus, using these projections with customers and contacts requires more care both for industry employment and occupation projections
 - If you need help, contact us!

Questions?



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Thank You!

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