



Apprenticeship Areas of Industry Focus

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Apprenticeship Industry Focus Areas

This technical assistance session is for both navigator and intermediary applicants for apprenticeship expansion funding.

Learn what industry sectors have a high demand for apprentices or where the state is interested in expanding sector-based apprenticeships.

There is a strong expectation that all proposals have specific industry information and evidence of demand in the sector.

There are no
apprenticeships
without
businesses



Targeted Industries, Occupations, & Growth Sectors

Table 1 – Top Growth Industries in Illinois

Top Growth Industries (2015-20)	2015 Jobs	2020 Jobs	Change	% Change
Transportation and Warehousing	280,877	327,635	46,758	17%
Finance and Insurance	309,387	323,650	14,263	5%
Healthcare and Social Assistance	789,548	800,224	10,676	1%
Professional, Scientific, Tech Service	447,041	456,986	9,945	2%
Construction	268,637	273,442	4,805	2%

Source: EMSI Analysis

NOFO page 7-9, Appendix F

Targeted Industries, Occupations, & Growth Sectors

Table 2 - Top COVID-19 Impacted Industries in Illinois

Top Impacted Industries (2019-20)	2019 Jobs	2020 Jobs	Change	% Change
Accommodation and Food Services	537,170	445,932	-91,238	-17%
Waste Management and Remediation	466,320	431,544	-34,776	-7%
Retail Trade	607,289	577,907	-29,382	-5%
Manufacturing	592,283	568,359	-23,924	-4%
Health Care and Social Assistance	823,569	800,224	-23,345	-3%
Arts, Entertainment, and Recreation	111,009	88,434	-22,575	-20%

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:Source EMSI Analysis

Targeted Industries, Occupations, & Growth Sectors

Table 3: Emerging Registered Apprenticeship Opportunities

Industry	Occupation	Industry Status	RAP Status
Arts & Entertainment	Multiple	Recovery	New
Construction	Multiple	Growth	Expanded
Cross Sector	Human Resources	Cross sector	New
Cross Sector	Janitor (Develop. Disabilities)	Recovery	Expanded
Education	Multiple	Growth	Expanded
Energy	Solar and Wind Technician	Growth	Expanded
Multiple	Geospatial Technician (GIS/GPS)	Growth	New
Hospitality, Culin. Arts	Multiple	Recovery	Expanded
Info Technology	Multiple	Growth/ED	Expanded
TDL	Supply Chain Management	Growth/ED	Expanded
TDL, Manufact.	Robotics/Mechatronics Technician	Growth/ED	New
Life Sciences	Chemistry Quality Control Tech	Growth/ED	New
Healthcare	Healthcare Technician positions	Recovery	Expanded
Retail Trade	Manager, Retail Store	Recovery	New
Public Works	Water Treatment Plant Operator	Recovery	New

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:Source EMSI Analysis

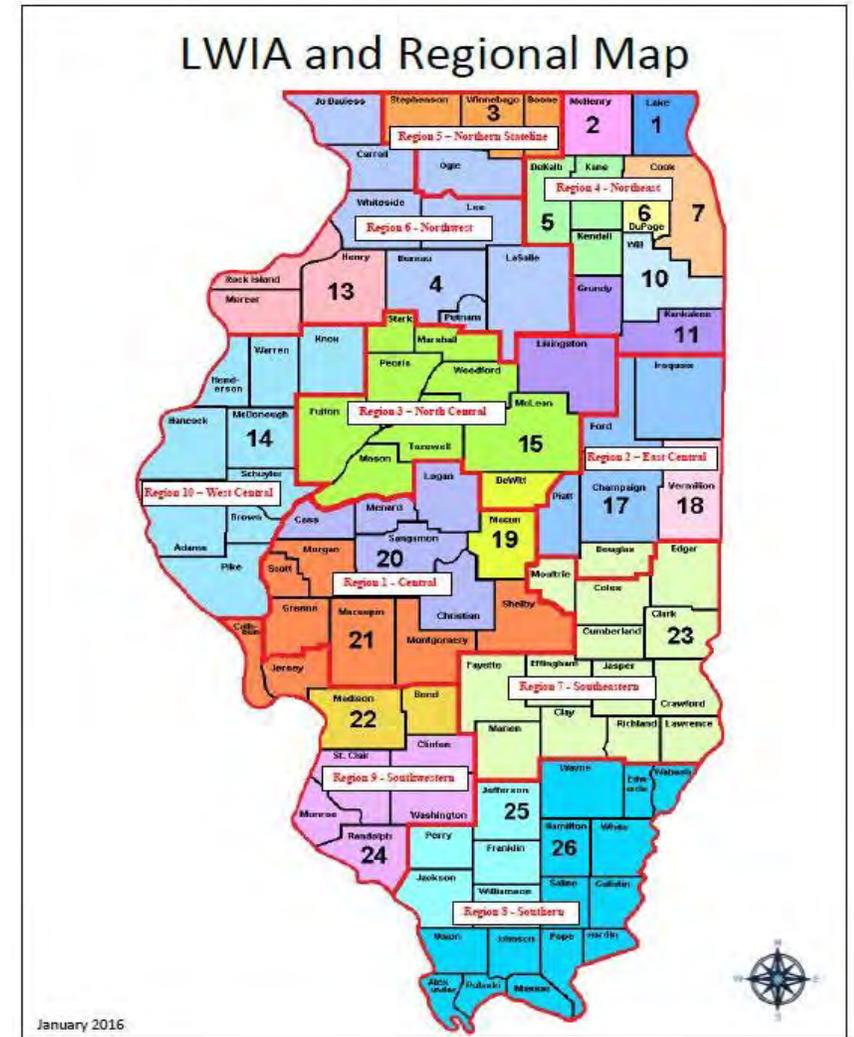
DO YOU KNOW HOW TO FIND YOUR LOCAL WORKFORCE PLAN?

Applicants must identify the workforce / economic development region and administer the pilot programs within the context of the State, Regional, and Local workforce development plans.

The WIOA Regional and Local Plans may be viewed at:

https://www.illinoisworknet.com/WIOA/RegPlanning/Pages/Plans_MOU_Dashboard.aspx

Applicants must work with the State, Regional, and Local WIOA partners to implement the project in coordination with WIOA. Illinois workforce and economic development regions are depicted in the map on this page.



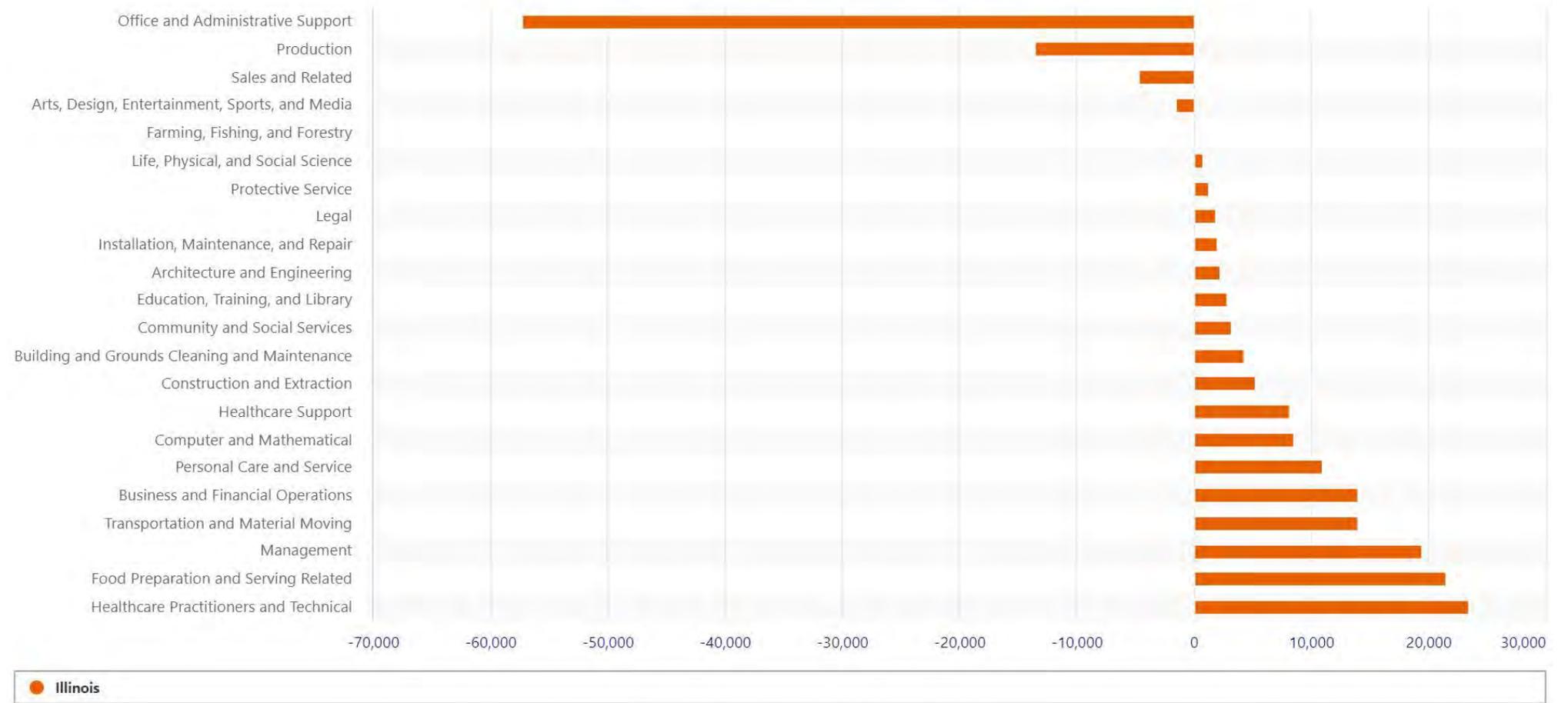


Tools to Better Understand Your Local and Regional Labor Market

[Help Wanted Online \(HWOL\)](#) - Monthly snapshot of the number of seasonally and not seasonally adjusted online job ad openings posted by Illinois employers.

[Illinois Virtual Labor Market Information](#) - The Illinois Virtual Labor Market Information System interactively delivers labor market and occupational information and resources, such as local area profiles, industry employment trends, largest employers, average wages, population and employment data, available by geographic area including counties, metropolitan areas, and local workforce areas.

Total 2018-2028 Employment Change



Source: Illinois Department of Employment Security, Employment Projections



Resources to Use: Apprenticeship.gov

[Homepage](#) | [Apprenticeship.gov](#)

Information Center

Registered Apprenticeship Program
Industry-Recognized Apprenticeship Program
Apprenticeship Industries
Investments, Tax Credits, and Tuition Support
Fact Sheets, Videos, Research, and More
Delivering Apprenticeships Virtually
Equal Employment Opportunity
Federal Agency Apprenticeship Programs

News & Events

Advisory Committee on Apprenticeship
National Apprenticeship Week
Apprenticeship in the News
Data & Statistics

Apprenticeship Tools

Apprenticeship Job Finder
Partner Finder
Occupation Finder
Express Interest In Starting a Program for Employers
Standards Builder
List Your Apprenticeship Jobs

BLS.gov Data Resources to Use

- [Industries at a Glance: Alphabetical Index \(bls.gov\)](http://bls.gov)
- [Economic Summaries : Midwest Information Office: U.S. Bureau of Labor Statistics \(bls.gov\)](http://bls.gov)

An official website of the United States government

U.S. BUREAU OF LABOR STATISTICS

Economic News Release

Table 1. Civilian labor force by age, gender, race, and ethnicity, 1994, 2004, 2014, and projected 2024 (Numbers in thousands)

Group	Level				Change			Percent change			Percent distribution				Annual growth rate (percent)			
	1994	2004	2014	2024	1994-2004	2004-14	2014-24	1994-2004	2004-14	2014-24	1994	2004	2014	2024	2004-14	2014-24	2024	
Total, 16 years and older	131,056	147,401	155,932	163,770	16,345	8,521	7,848	12.5	5.8	5.0	100.0	100.0	100.0	100.0	1.2	0.6	0.5	
Age, years:																		
16 to 24	21,632	22,268	21,295	18,498	656	-973	-2,797	3.0	-4.4	-13.1	16.5	13.1	13.7	11.3	0.3	0.4	-1.4	
25 to 54	93,898	102,122	100,767	104,697	8,224	-1,355	3,930	8.8	-1.3	3.9	71.0	69.3	64.6	63.0	0.8	0.1	0.4	
55 and older	15,547	23,011	33,869	40,575	7,464	10,940	6,715	48.0	47.1	19.0	11.0	15.0	21.7	24.0	4.0	3.0	1.8	
Gender:																		
Men	70,817	78,980	82,882	86,524	8,163	3,992	3,642	11.5	4.9	4.4	54.0	53.6	53.2	52.8	1.1	0.5	0.4	
Women	60,239	68,421	73,050	77,246	8,182	4,618	4,207	13.0	6.7	5.8	46.0	46.4	46.8	47.2	1.3	0.7	0.6	
Race:																		
White	111,082	121,088	123,227	126,143	10,006	2,241	2,816	9.0	1.9	2.3	84.0	82.1	79.1	77.0	0.9	0.2	0.2	
Black	14,502	16,638	18,873	20,772	2,136	2,235	1,899	14.7	13.4	10.3	11.1	11.3	12.1	12.7	1.4	1.3	1.0	
Asian	5,473	8,273	8,760	10,792	2,798	2,489	2,032	50.7	23.2	4.2	4.3	5.6	6.6	1.4	2.4	2.1		
All other groups(1)	-	1,486	8,063	6,063	-	1,555	1,192	-	45.7	22.2	-	2.4	3.2	-	-	3.8	2.0	
Ethnicity:																		
Hispanic origin	11,975	19,272	25,370	32,486	7,297	6,098	7,116	60.9	31.6	28.0	9.1	13.1	16.3	19.8	4.9	2.8	2.5	
Other than Hispanic origin	119,081	128,129	130,562	131,284	9,048	2,423	712	7.6	1.9	0.6	90.9	86.9	83.7	80.2	0.7	0.2	0.1	
White non-Hispanic	109,462	103,202	108,661	97,622	2,748	-2,541	-3,039	2.7	-2.5	-3.0	76.7	70.8	64.6	59.6	0.3	-0.2	-0.1	
Age of baby boomers	30 to 48	40 to 58	50 to 68	60 to 78														

(1) The "all other groups" category includes (1) those classified as being of multiple racial origin and (2) the racial categories of American Indian and Alaska Native and Native Hawaiian and Other Pacific Islanders.
 Note: Dash indicates no data collected for category. Details may not sum to totals because of rounding.
 Source: U.S. Bureau of Labor Statistics

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U.S. BUREAU OF LABOR STATISTICS

Office of Occupational Statistics and Employment Projections
 PSB Suite 2135
 2 Massachusetts Avenue NE
 Washington, DC 20212-0001
 Telephone: 1-202-691-5700
 www.bls.gov/omsp
 Contact EMP

Connect With BLS



Approved Occupations for Registered Apprenticeship

<https://www.apprenticeship.gov/apprenticeship-occupations>

BROWSE BY INDUSTRY

SEARCH BY OCCUPATION

Search by Occupation

SEARCH



Download all approved apprenticeship occupations:

DOWNLOAD CSV



DOWNLOAD MS-EXCEL (XLS)

Approved Occupations for Registered Apprenticeship

Film Editor

[Learn more about how to use the information provided here](#)

ONET Code: 27-4032.00

★ REGISTERED ⓘ

Approved Occupations:

The occupation(s) listed below have been vetted by industry and approved by the U.S. Department of Labor for use in a Registered Apprenticeship Program.

+ Digital Video Editor

Edit moving images on film, video, or other media. May work with a producer or director to organize images for final production. May edit or synchronize soundtracks with images.

Download a Sample Work Process Schedule (.DOCX)

TIME-BASED

HYBRID

COMPETENCY-BASED

Work Activities





Local/Community Resources to Use

- Chambers of Commerce
- Economic Development
- Local Workforce Areas
- Educational Institutions
- Industry Associations
- Unions
- Non-profits
- Community-based organizations.



BUSINESS CHAMPION EXAMPLE



- Using LMI data created a public/private partnership with [Southwestern Illinois College \(SWIC\)](#)
- Using established industry standards set by the [American Welding Society](#) and the [National Institute for Metalworking Skills](#),
- includes both internships and apprenticeships advanced training options for more seasoned professionals.
-
- TerraSource's National Apprenticeship Program for Machine Builders, Machinists, and Welders has been awarded full certification by the US Department of Labor.
- State of Illinois recognizes program as a model that can be replicated.

Bookmark This Page!

Apprenticeship NOFO Website

<https://www.illinoisworknet.com/ApprenticeshipNOFO2021>



Background

In June 2021, Illinois received a *State Apprenticeship Expansion, Equity and Innovation Grant* for approximately \$6 million from the U.S. Department of Labor (USDOL) to develop, modernize and diversify Registered Apprenticeships in Illinois. The objective of this Notice of Funding Opportunity (NOFO) is to diversify apprenticeship programs and find innovative ways of employing the apprenticeship model to meet the needs of businesses, resulting in a total of 750 new registered apprenticeship programs by the end of 2024. It is Illinois' goal to use this NOFO to increase apprenticeship opportunities for historically underrepresented populations, including but not limited to: individuals with disabilities; youth from underserved communities; older workers; returning citizens from incarceration; and workers in jobs that have been severely impacted by COVID, such as the Arts, Entertainment, Recreation and Hospitality industries. This NOFO supports the Governor's priority of expanding apprenticeship opportunities in Illinois.

For more information about Apprenticeships in Illinois, visit ApprenticeshipIllinois.com.



Bidder's Conference Schedule

[WIOA Apprenticeship 2021 Notice of Funding Opportunity \(illinoisworknet.com\)](http://illinoisworknet.com)

- Informational Webinar, Budget and Report, Target population webinars
- All webinars will be recorded and available for future reference

Application Timeline

APPLICATION TIMELINES

Grant Information Workshops

July

Applications Due

September 15, 2021

Grant Negotiation

October/November/December

Grant Award (Anticipated)

January 1, 2022

Q and A

All questions regarding this NOFO must be submitted in writing via email to:

apprenticeship@illinoisworknet.com



Apprenticeship Tools & Resources

US Department of Labor Workforce GPS:

<https://apprenticeshipusa.workforcegps.org/>

- US Department of Labor Apprenticeship Playbook:

<https://www.doleta.gov/oa/federalresources/playbook.pdf>

- High Level Apprenticeship Partner Roles Infographic:

https://www.dol.gov/apprenticeship/docs/Partner_Roles_Infographic_20150616.pdf

US Department of Labor Guide to Expand Apprenticeship to Under Represented Populations:

<https://apprenticeshipusa.workforcegps.org/resources/2017/02/28/12/33/Expanding-Apprenticeship-to-Under-Represented-Populations>

THANK YOU