



# Youth in Wyoming's Workforce

Presented to the Wyoming Workforce  
Development Council on January 9, 2025, by  
Michael Moore, R&P Research Supervisor



# Youth in Wyoming's Workforce

## About Research & Planning

### **OUR ORGANIZATION:**

R&P is an exclusively statistical entity within DWS.

### **WHAT WE DO:**

R&P collects, analyzes, and publishes timely and accurate labor market information (LMI) meeting established statistical standards.

### **OUR CUSTOMERS:**

LMI makes the labor market more efficient by providing the public and the public's representatives with the basis for informed decision making.



# Youth in Wyoming's Workforce

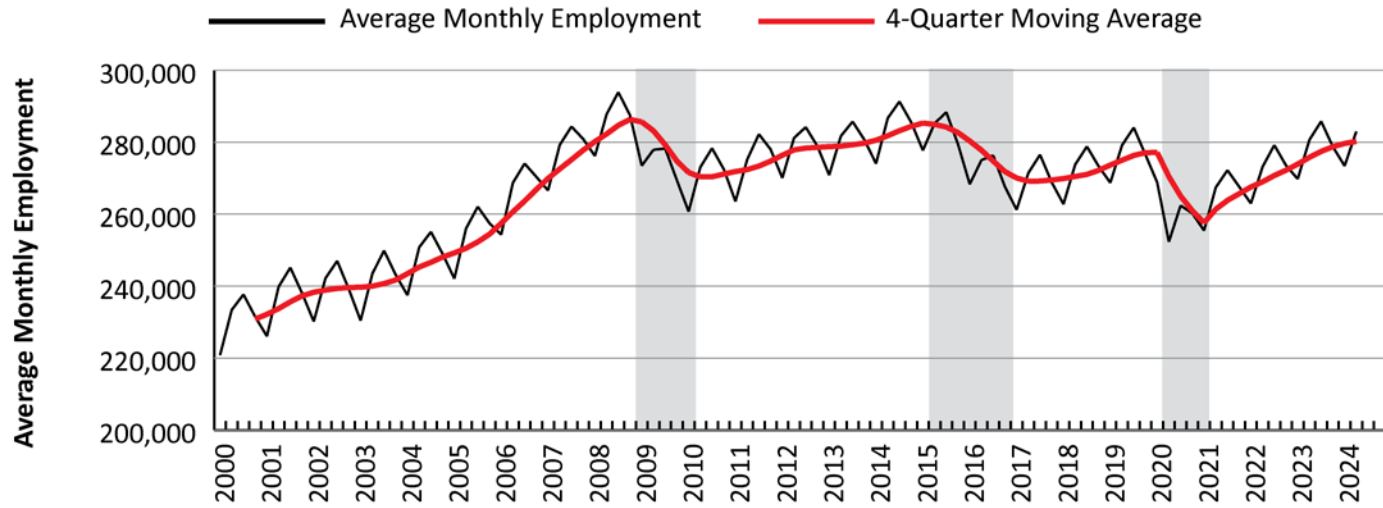
## Economic Downturns and Youth

- Economic downturn
  - At least two consecutive quarters of decline in employment and total wages
- Three recent downturns:
  - 2009Q1-2010Q1
  - 2015Q2-2016Q4
  - 2020Q2-2021Q1



# Youth Ages 15-19 in Wyoming's Workforce

## Economic Downturns



Shaded areas indicate periods of economic downturn: 2009Q1-2010Q1, 2015Q2-2016Q4, and 2020Q2-2021Q1.

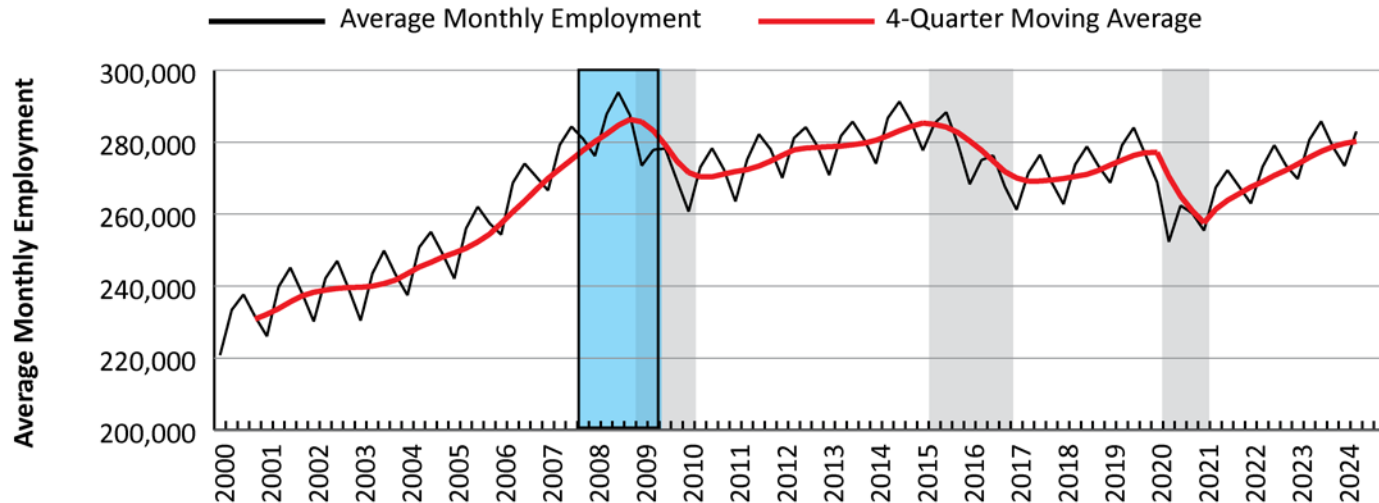
Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 12/10/24.



# Youth Ages 15-19 in Wyoming's Workforce

## Economic Downturns



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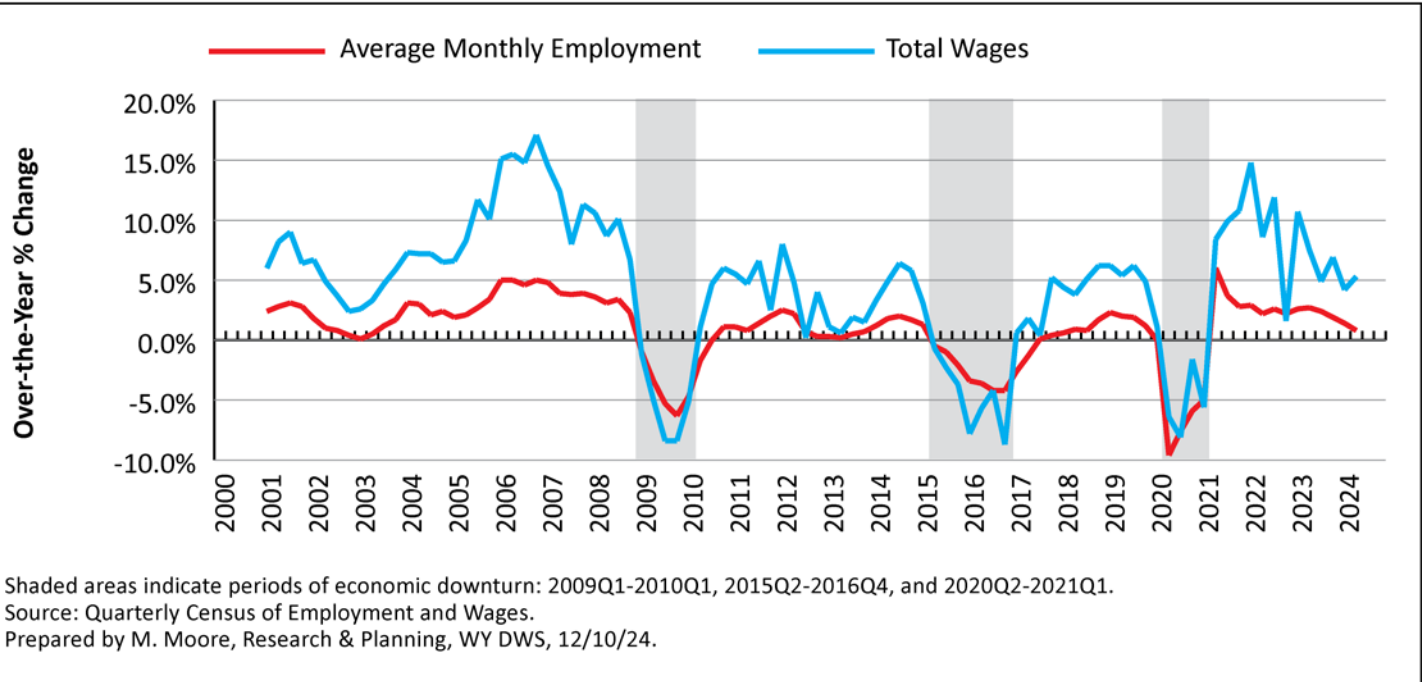
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# Youth Ages 15-19 in Wyoming's Workforce

## Economic Downturns





# Youth Ages 15-19 in Wyoming's Workforce

## Population and Number Working

### Population

- 2023: 40,349
- 2013: 37,313
- N Change: 3,036
- % Change: 8.1%

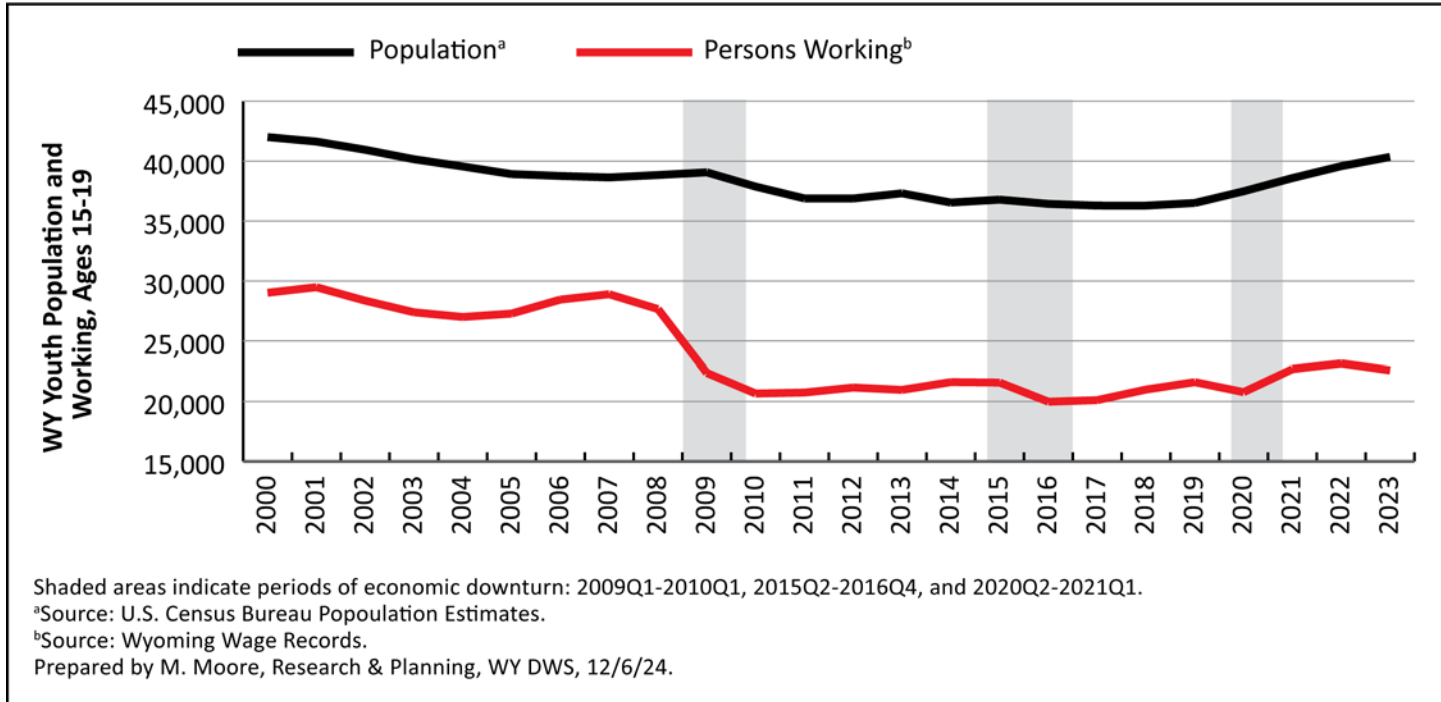
### Persons Working

- 2023: 22,576
- 2013: 20,961
- N Change: 1,615
- % Change: 7.7%



# Youth Ages 15-19 in Wyoming's Workforce

## Youth Population and Working in Wyoming, 2000-2023

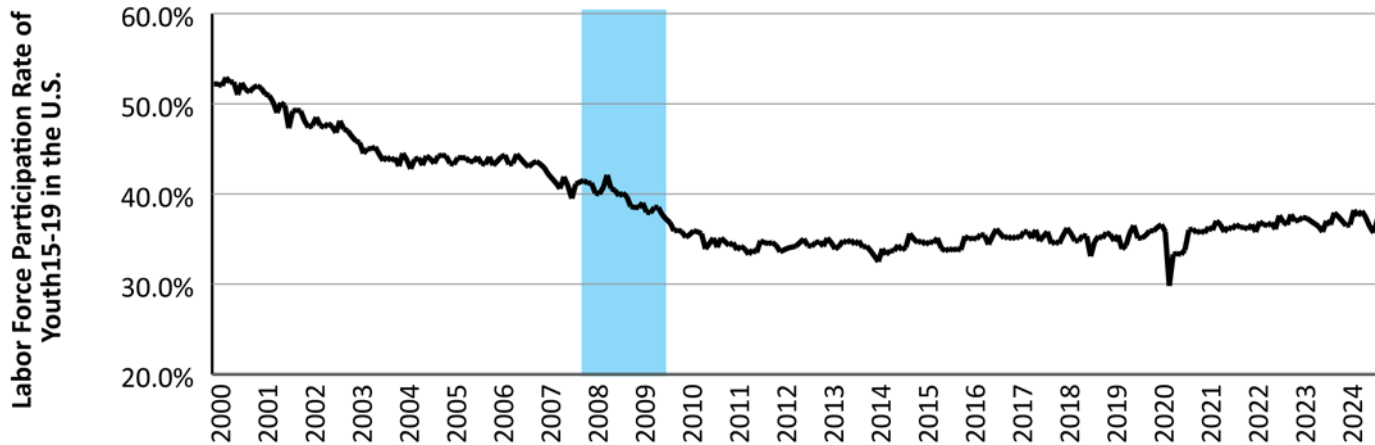






# Youth Ages 15-19 in Wyoming's Workforce

## Labor Force Participation Rate of Youth in the U.S., January 2000 to October 2024

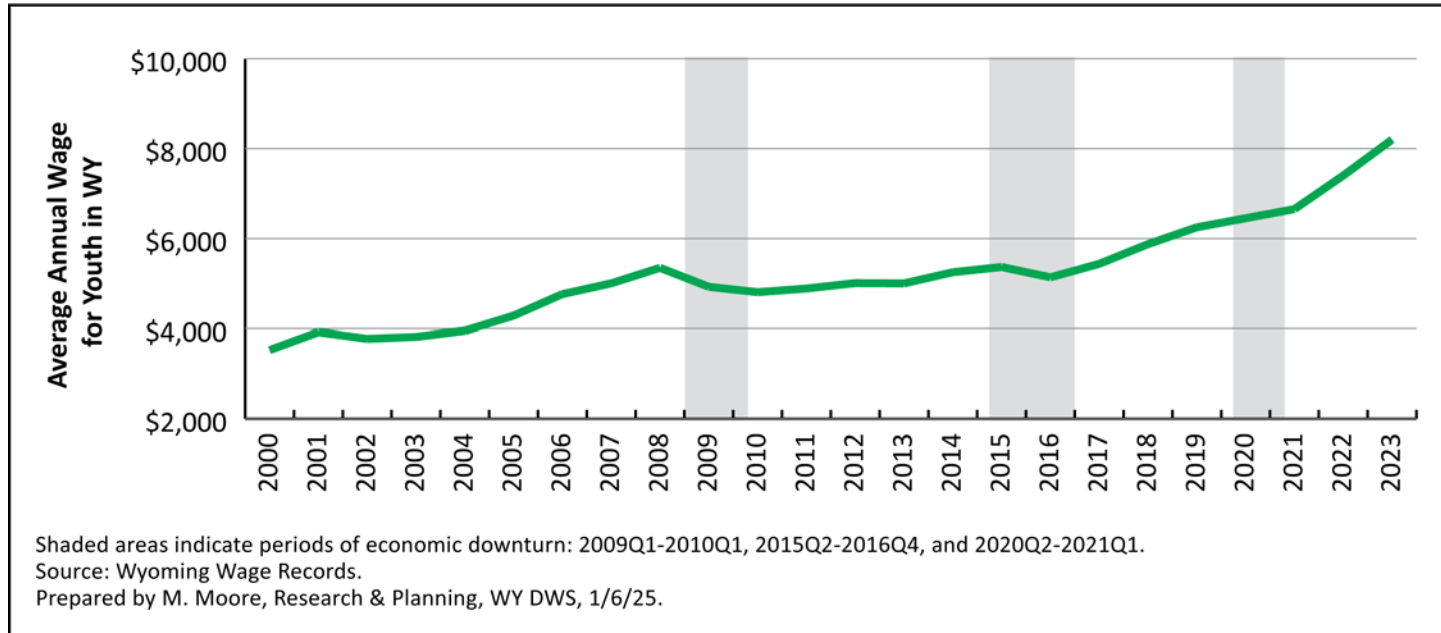


Blue box representations national Great Recession: December 2007 to June 2009. Source: National Bureau of Economic Research.  
Source: Local Area Unemployment Statistics.  
Prepared by M. Moore, Research & Planning, WY DWS, 12/6/24.



# Youth Ages 15-19 in Wyoming's Workforce

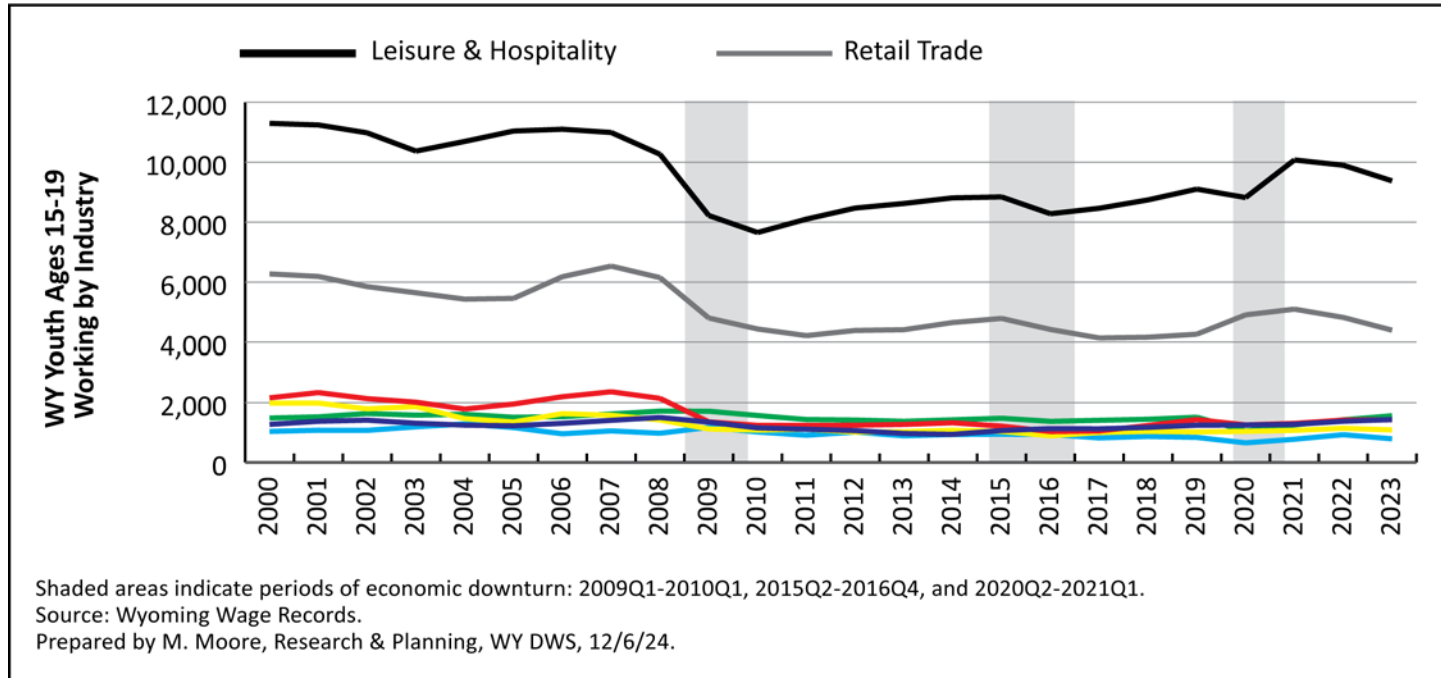
## Average Annual Earnings of Youth in WY, 2000-2023





# Youth Ages 15-19 in Wyoming's Workforce

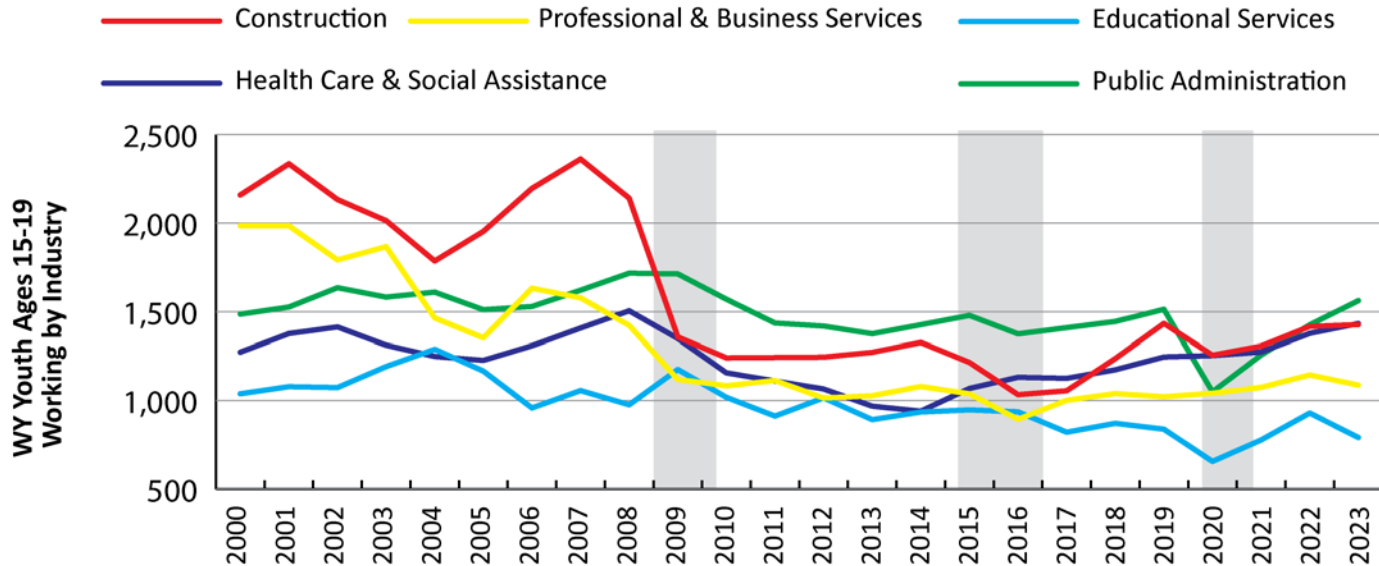
## Youth by Selected Industry of Employment, 2000-2023





# Youth Ages 15-19 in Wyoming's Workforce

## Youth by Industry of Employment, 2000-2023



Shaded areas indicate periods of economic downturn: 2009Q1-2010Q1, 2015Q2-2016Q4, and 2020Q2-2021Q1.

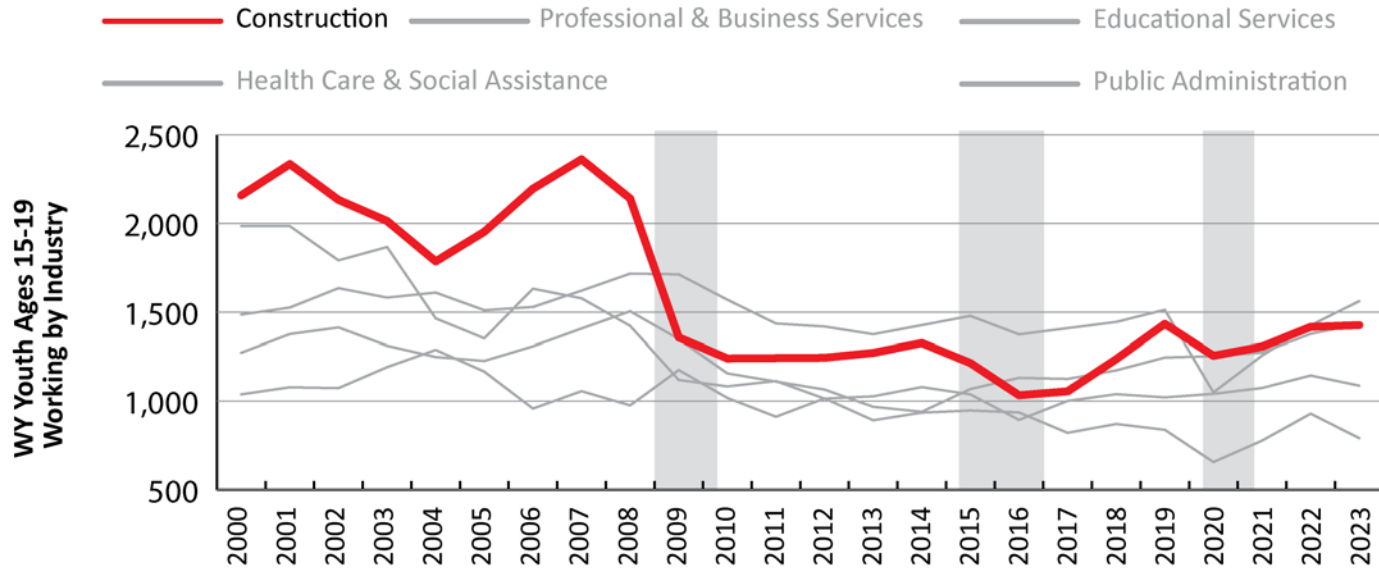
Source: Wyoming Wage Records.

Prepared by M. Moore, Research & Planning, WY DWS, 12/6/24.

# Youth Ages 15-19 in Wyoming's Workforce



## Youth Working in Construction, 2000-2023



Shaded areas indicate periods of economic downturn: 2009Q1-2010Q1, 2015Q2-2016Q4, and 2020Q2-2021Q1.

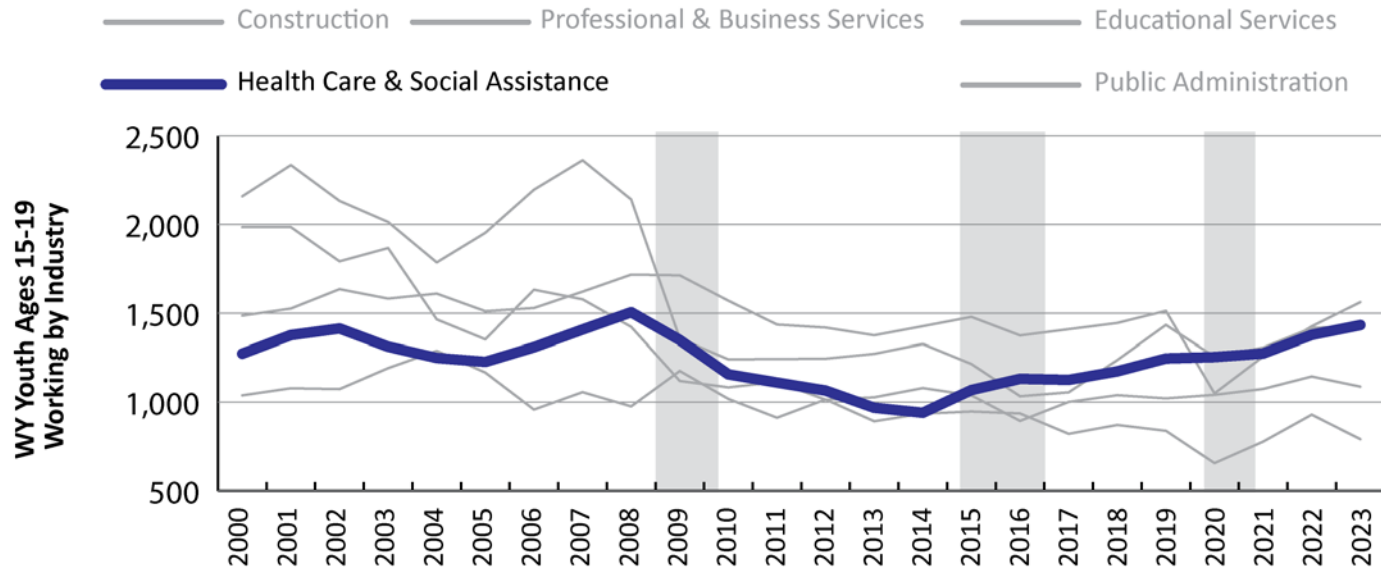
Source: Wyoming Wage Records.

Prepared by M. Moore, Research & Planning, WY DWS, 12/6/24.



# Youth Ages 15-19 in Wyoming's Workforce

## Youth Working in Health Care, 2000-2023



Shaded areas indicate periods of economic downturn: 2009Q1-2010Q1, 2015Q2-2016Q4, and 2020Q2-2021Q1.

Source: Wyoming Wage Records.

Prepared by M. Moore, Research & Planning, WY DWS, 12/6/24.



# Youth Ages 15-19 in Wyoming's Workforce

## Youth by Industry of Employment, 2013-2023

Table: Youth Working in Wyoming by Selected Industry, 2013-2023

				Change, 2013-2023	
NAICS <sup>a</sup> Code	Industry	2013	2023	N	%
23	Construction	1,272	1,427	155	12.2
44-45	Retail Trade	4,411	4,395	-16	-0.4
54-56	Professional & Business Services	1,028	1,088	60	5.8
61	Educational Services	893	792	-101	-11.3
62	Health Care & Social Assistance	969	1,433	464	47.9
71-72	Leisure & Hospitality	8,623	9,377	754	8.7
92	Public Administration	1,376	1,562	186	13.5
<b>Total, All Industries</b>		<b>21,397</b>	<b>22,884</b>	<b>1,487</b>	<b>6.9</b>

<sup>a</sup>North American Industry Classification System.

Source: Wyoming Wage Records.

Prepared by M. Moore, Research & Planning, WY DWS, 12/6/24.



# Youth Ages 15-19 in Wyoming's Workforce

## Youth in Health Care & Social Assistance

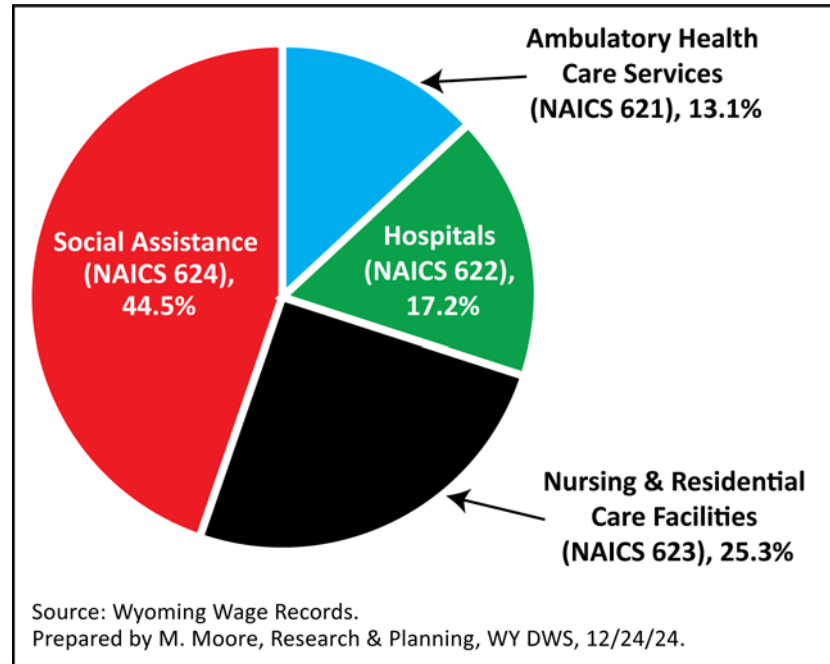
- What types of jobs are they doing?
- Is this a career path?
- Can we track people who worked in health care as teens to careers in health care?





# Youth Ages 15-19 in Wyoming's Workforce

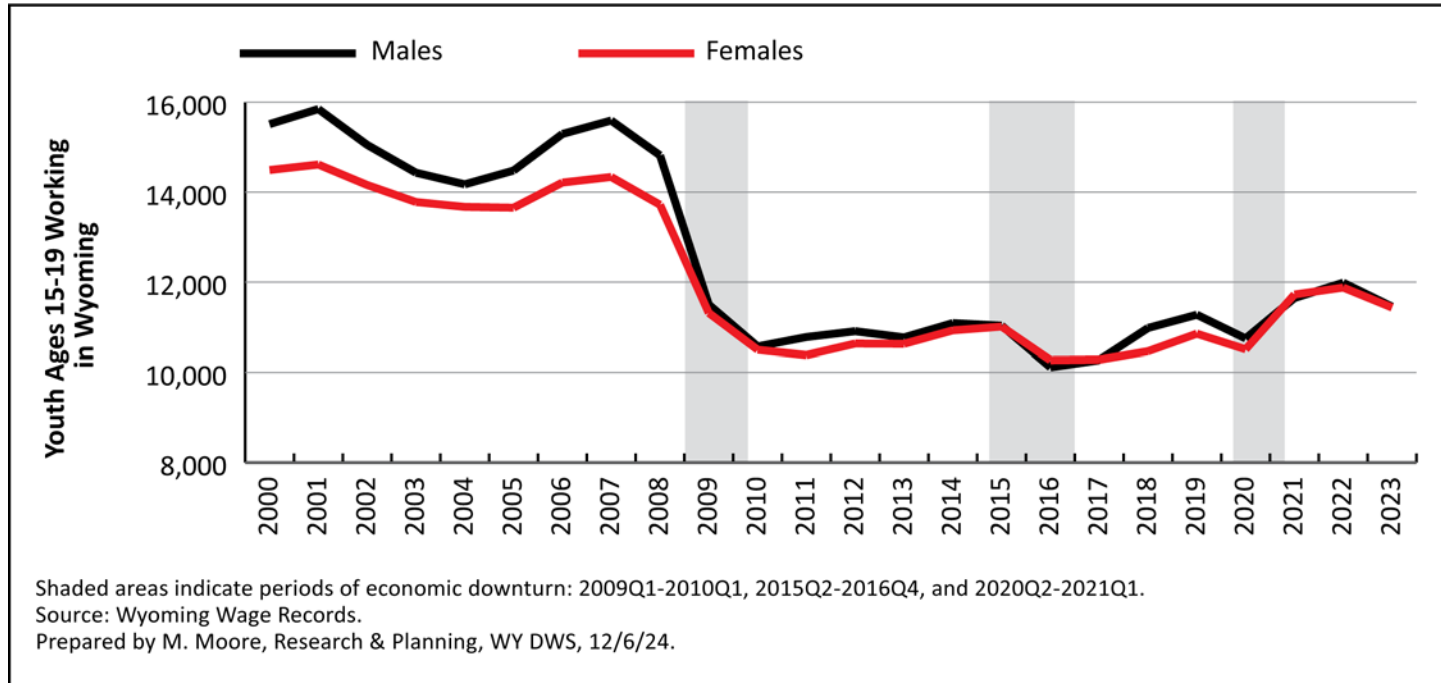
## Youth in Health Care & Social Assistance





# Youth Ages 15-19 in Wyoming's Workforce

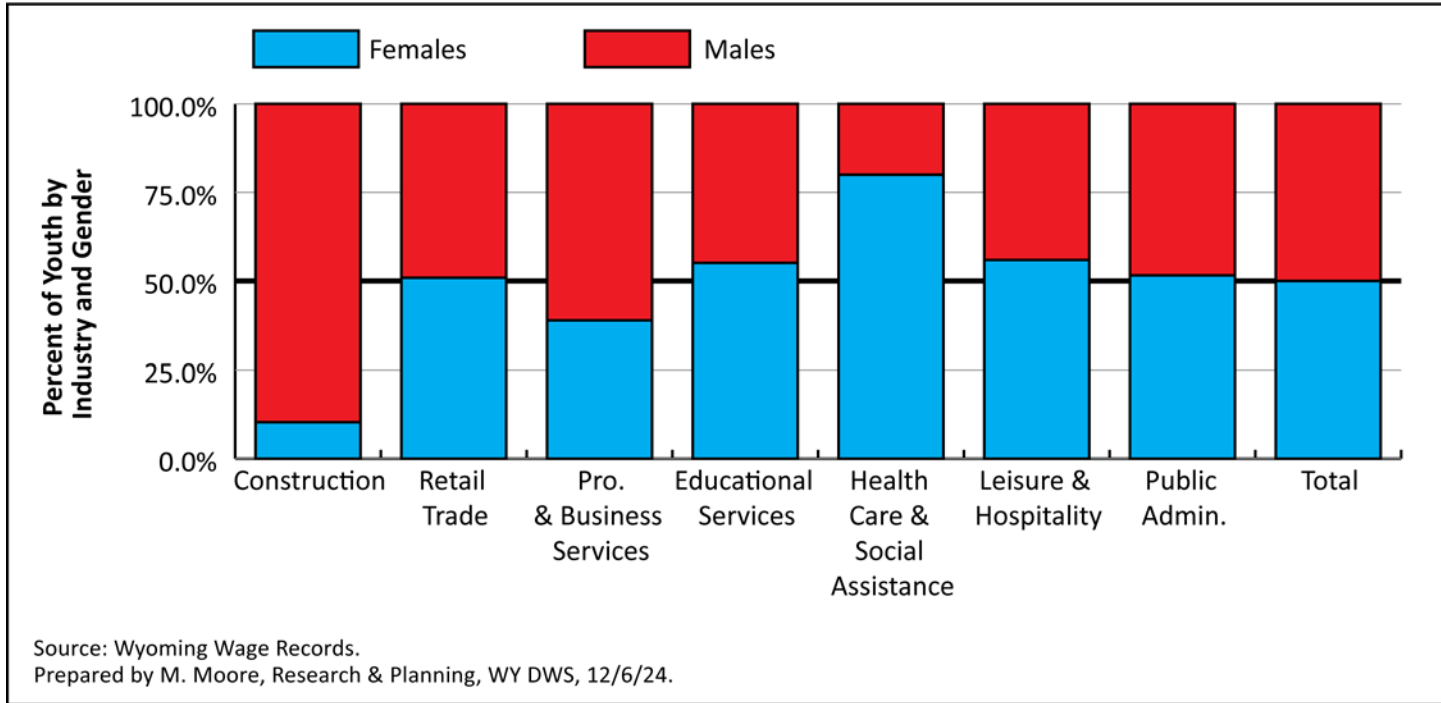
## Youth Working in Wyoming by Gender, 2000-2023





# Youth Ages 15-19 in Wyoming's Workforce

## Youth by Gender and Industry of Employment, 2023





# Youth Ages 15-19 in Wyoming's Workforce

## Average Annual Wage by Gender and Industry, 2023

Table: Average Annual Wages for Youth Working in Wyoming by Gender and Selected Industry, 2023

NAICS <sup>a</sup> Code	Industry	Females	Males
23	Construction	\$9,747	\$14,145
44-45	Retail Trade	\$8,078	\$9,795
54-56	Professional & Business Services	\$7,256	\$8,722
61	Educational Services	\$4,225	\$3,695
62	Health Care & Social Assistance	\$10,082	\$9,935
71-72	Leisure & Hospitality	\$6,625	\$6,438
92	Public Administration	\$5,371	\$6,606
	<b>Total, All Industries</b>	<b>\$7,251</b>	<b>\$9,147</b>

<sup>a</sup>North American Industry Classification System.

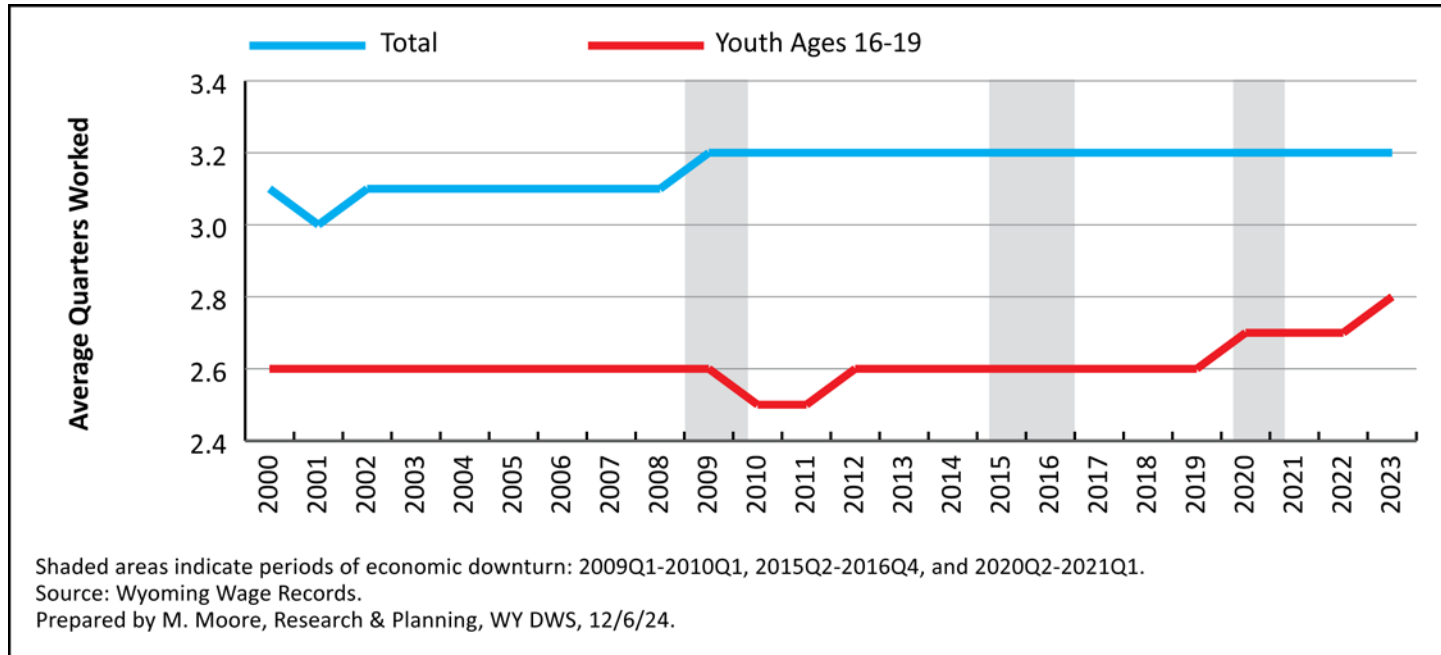
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# Youth Ages 15-19 in Wyoming's Workforce

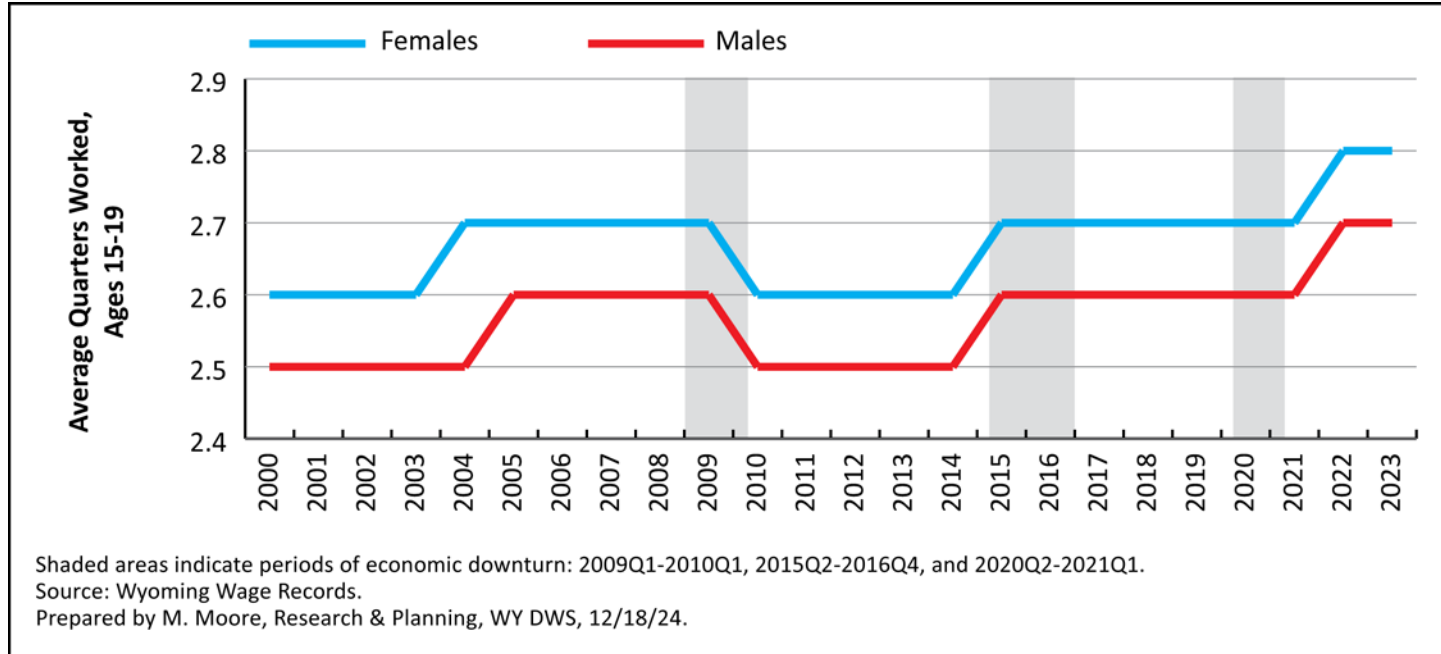
## Average Quarters Worked, 2000-2023





# Youth Ages 15-19 in Wyoming's Workforce

## Average Quarters Worked by Gender (Youth), 2000-2023





# Youth Ages 15-19 in Wyoming's Workforce

## Average Quarters Worked by Youth in Wyoming by Selected Industries, 2013-2023

Table: Average Number of Quarters Worked by Youth in Wyoming by Selected Industry, 2013-2023

NAICS <sup>a</sup>		Change, 2013-2023			
Code	Industry	2013	2023	N	%
23	Construction	2.5	2.8	0.3	12.8
44-45	Retail Trade	2.7	2.9	0.2	8.4
54-56	Professional & Business Services	2.3	2.7	0.3	13.2
61	Educational Services	2.3	2.5	0.2	7.9
<b>62</b>	<b>Health Care &amp; Social Assistance</b>	<b>2.9</b>	<b>3.1</b>	<b>0.1</b>	<b>4.2</b>
71-72	Leisure & Hospitality	2.5	2.8	0.2	8.7
92	Public Administration	2.5	2.6	0.1	5.3
<b>Total, All Industries</b>		<b>2.6</b>	<b>2.8</b>	<b>0.2</b>	<b>8.6</b>

<sup>a</sup>North American Industry Classification System.

Source: Wyoming Wage Records.

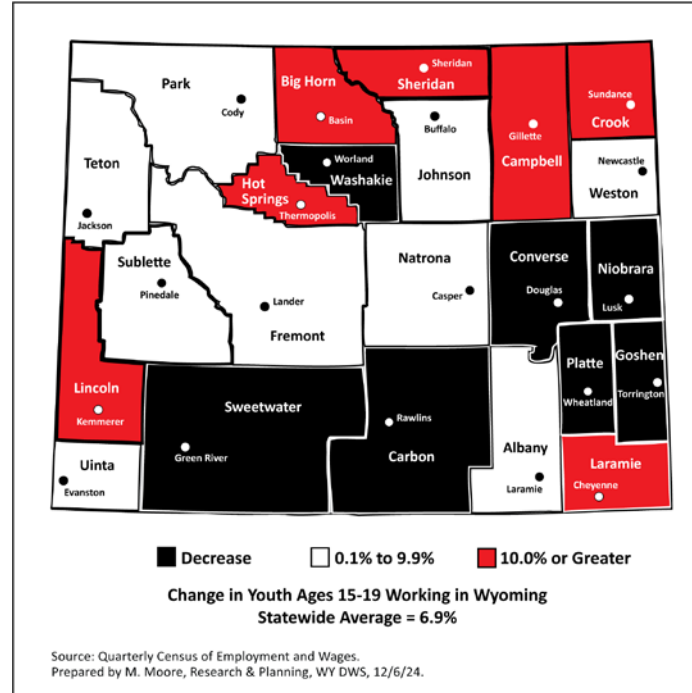
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# Youth Ages 15-19 in Wyoming's Workforce

## Percent Change in Youth Working by County, 2013-2023

- Lincoln (316, or 61.0%)
- Sheridan (269, or 24.9%)
- Hot Springs (37, or 19.6%)
- Laramie (517, or 15.2%)
- Crook (35, or 15.2%)
- Big Horn (46, or 13.9%)
- Campbell (223, or 11.2%)







# Youth Ages 15-19 in Wyoming's Workforce

## Summary

- Increase in youth working the last few years
- Increase in youth working in health care, which may provide a potential career path
- Youth are working for longer periods
- Youth are earning more than in years past



# Youth Ages 15-19 in Wyoming's Workforce

## Contact Us

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