

Tables and Figures for the WIOA Unified State Plan for the State of Wyoming, FY 2019

Prepared by the Research & Planning
section of the Wyoming Department
of Workforce Services,
October 2019.



Page 2 2019 WIOA Unified State Plan Supporting Tables and Figures

Tables and Figures for the WIOA Unified State Plan for the State of Wyoming, FY 2019

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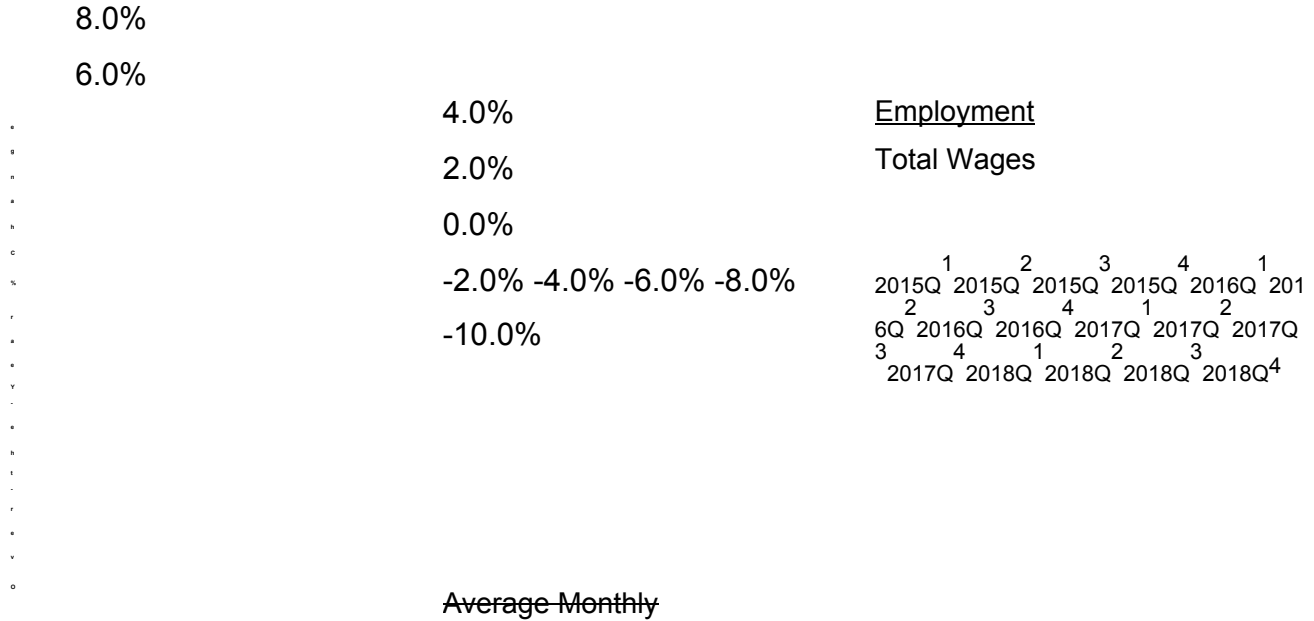
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0.1 \$3,118,521,550 \$11,496,249 0.4 2017Q4 268,791 1,150 0.4 \$3,273,237,068 \$161,863,570 5.2 2018Q1 262,736
 1,512 0.6 \$3,121,526,005 \$132,745,215 4.4 2018Q2 273,712 1,983 0.7 \$3,204,740,305 \$112,541,223 3.6 2018Q3
 278,832 2,311 0.8 \$3,278,121,473 \$159,599,923 5.1 2018Q4 273,307 4,516 1.7 \$3,475,268,228 \$202,031,160 6.2

Boxed area indicates period of economic downturn: 2015Q2-2016Q4.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 9/4/19.



Shaded area represents period of economic downturn: 2015Q2-2016Q4.

Source: Current Employment Statistics.

Prepared by M. Moore, Research & Planning, WY DWS, 9/4/19.

Figure 1: Over-the-Year Percent Change in Average Monthly Employment and Total Wages in Wyoming, 2015Q1-2018Q4

Table 2: Average Monthly Employment in Wyoming by Industry, 2017-2018

NAICS ^a	Code	Title	2017	2018	N	%	Total, All Industries	2017	2018	N	%	Change, 2017-2018
			269,510	272,171	2,662	1.0						
		Private Industry	203,740	207,335	3,595	1.8						
	11	Agriculture	2,755	2,795	40	1.5	21					
	21	Mining, Including Oil & Gas	19,631	20,693	1,062	5.4	23					
	23	Construction	19,552	20,253	701	3.6	31					
	31	Manufacturing	9,380	9,721	341	3.6						
	42	Wholesale Trade	8,107	8,200	92	1.1	44					
	44	Retail Trade	29,698	29,287	-411	-1.4	48-49,					
	22	Transportation, Warehousing, & Utilities	11,988	12,332	345	2.9	51					
	51	Information	3,679	3,554	-125	-3.4	52-53					
	52-53	Financial Activities	10,938	11,124	186	1.7	54-56					
	54-56	Professional & Business Services	18,030	18,733	703	3.9	61					
	61	Educational Services	1,712	1,609	-103	-6.0	62					
	62	Health Care & Social Assistance	24,758	25,363	605	2.4	71-72					
	71-72	Leisure & Hospitality	36,286	36,403	117	0.3	81					
	81	Other Services, Except Public Admin.	7,225	7,261	36	0.5						
		Total Government	65,770	64,837	-934	-1.4						
		Federal	7,521	7,520	-2	0.0	State	12,737	12,528	-209	-1.6	
		Local	45,512	44,789	-723	-1.6						

^aNorth American Industry Classification System.

Source: Quarterly Census of Employment and Wages.

Wyoming Department of Workforce Services Research & Planning
 2019 WIOA Unified State Plan Supporting Tables and Figures Page 5

Table 3: Average Monthly Employment in Mining, Including Oil & Gas (NAICS 21) by Subsector (3-Digit) and Selected Industry (4-Digit) and Detailed Industry (6-Digit), 2017-2018

NAICS ^a Code	Title	2017	2018	N	%	Change, 2017-2018
19	21 Mining, Including Oil & Gas	19,631	20,693	1,062	5.4	
211	Oil & Gas Extraction	3,124	3,039	-86	-2.7	
212	Mining, Except Oil & Gas	8,180	8,101	-79	-1.0	
2121	Coal Mining	5,478	5,381	-98	-1.8	
2122	Metal Ore Mining	176	131	-45	-25.6	
2123	Nonmetallic Mineral Mining & Quarrying	2,525	2,589	64	2.5	
213	Support Activities for Mining	8,328	9,554	1,226	14.7	
213111	Drilling Oil & Gas Wells	1,382	1,596	214	15.5	
213112	Support Activities for Oil & Gas Operations	6,543	7,598	1,056	16.1	
213113	Support Activities for Coal					
213114	Support Activities for Metal Mining	247	220	-27	-11.0	
213115	Support Activities for Mining	102	88	-13	-13.2	
	Nonmetallic Minerals	54	51	-3	-5.0	

^aNorth American Industry Classification System.
 Source: Quarterly Census of Employment and Wages.
 Prepared by M. Moore, Research & Planning, WY DWS, 9/4/19.

Table 4: Demand Occupations: Top 10 Wyoming New Hires Occupations Requiring Some Postsecondary Education,

2017 Code	Occupation	N	Median	Hourly Wage	Typical Educational Requirement
Total, All Occupations 88,561 \$12.00					
53-3032	Truck Drivers, Heavy & Tractor-Trailer	2,956	\$18.25	Postsecondary non-degree award	11-1021 General & Operations Managers
1,341	\$24.04	Bachelor's degree	29-1141	Registered Nurses	846 \$26.00 Bachelor's degree
31-1014	Nursing Assistants	517	\$12.50	Postsecondary non-degree award	25-9041 Teacher Assistants
515	\$12.76	Some college, no degree	25-3098	Substitute Teachers	337 \$13.75 Bachelor's degree
31-9092	Medical Assistants	293	\$15.00	Postsecondary non-degree award	49-9021 Heating, Air Conditioning, & Refrigeration Mechanics
257	\$15.00	Postsecondary non-degree award	15-1151	Computer User Support Specialists	250 \$18.00 Some college, no degree
31-9091	Dental Assistants	219	\$15.00	Postsecondary non-degree award	

^aStandard Occupational Classification.
 Source: Wyoming New Hires Job Skills Survey.
 Prepared by L. Knapp, Research & Planning, WY DWS, 4/12/19.

Table 5: Emerging Demand Industries at the Subsector (3-Digit NAICS) Level in Wyoming Based on 2018-2020 Short-Term Projections

Major Industry Sector & 2-Digit NAICS Code	Emerging Demand Industries (Subsector & 3-Digit NAICS Code)	2018Q2	2020Q2	Employment Change, 2018Q2-2020Q2	(Projected) N %
Agriculture (11) Crop Production (111)	741 780 39 5.3%	Gas (21)	Support Activities for Mining		
Mining, Including Oil & (213)	9,179 11,000 1,821 19.8%				
Manufacturing (31-33) Beverage & Tobacco Product					
	Manufacturing (312)	469 517 48 10.2%	Plastics & Rubber Products		
	Manufacturing (326)	293 317 24 8.2%	Fabricated Metal Product		
Durable	Manufacturing (332)	1,519 1,759 240 15.8%	Wholesale Trade (42) Merchant Wholesalers,		

Retail Trade (44-45)	Building Material & Garden	Transportation &	<u>Goods (423)</u>	5,103	5,600	497	9.7%
	<u>(444)</u>	Equipment & Supplies Dealers		3,371	3,571	200	5.9%

Warehousing (48-49)	Truck Transportation (484)	3,810	4,200	390	10.2%	Transportation (488)	1,175	1,246	71	6.0%
	Support Activities for									

Warehousing & Storage (493) 1,739 1,885 146 8.4% Real Estate & Rental &

Leasing (53) Rental & Leasing Services (532) 1,951 2,064 113 5.8%

Administrative & Support & Waste Management &						(561)	7,796	8,254	458	5.9%
Remediation Services (NAICS 56)										
Administrative & Support Services										

Recreation (NAICS 71) Amusement, Gambling, & Arts, Entertainment, &

Recreation Industries (713) 2,750 2,900 150 5.5%

^aNorth American Industry Classification System.
 Source: Wyoming Short-Term Projections, 2018-2020. Prepared by M. Moore, Research & Planning, Wyoming DWS, 9/5/19.

Table 6: Emerging Demand Occupations with the Greatest Number of Total Projected Openings by Educational Requirement in Wyoming, 2018Q2-2020Q2

Employment Change Types of Openings Average Wage

Code Occupation 2018Q2
SOC^a

(Proj) N % Exits Transfers Change Total Hourly Annual

(Base) 2020Q2

41-2011 Cashiers 6,819 6,729 -90 -1.3 1,272 1,241 -90 2,423 \$11.11 \$23,100 41-2031 Retail Salespersons 8,347 8,322 -25 -0.3 1,055 1,323 -25 2,353 \$13.60 \$28,280 35-3031 Waiters & Waitresses 5,571 5,711 140 2.5 835 1,279 140 2,254 \$11.38 \$23,670

35-3021 Combined Food Preparation & Serving Workers, Including Fast Food 4,803 4,982 179 3.7 866 906 179 1,951 \$9.92 \$20,640

43-9061 Office Clerks, General 6,432 6,499 67 1.0 759 739 67 1,565 \$17.75 \$36,930

Subtotal, All Occupations Requiring a High School Diploma or Less 199,827 203,529 3,702 1.9 21,073 28,560 3,702 53,335

53-3032 Heavy & Tractor Trailer Truck Drivers 6,462 6,854 392 6.1 565 837 392 1,794 \$24.13 \$50,200

43-3031 Bookkeeping, Accounting, & Auditing Clerks 3,353 3,373 20 0.6 416 323 20 759 \$18.69 \$38,870

31-1014 Nursing Assistants 3,095 3,133 38 1.2 378 315 38 731 \$14.86 \$30,910 25-9041 Teacher Assistants 3,018 3,064 46 1.5 334 277 46 657 NA \$31,310 49-3023 Automotive Service

Tech. & Mechanics Certificate 1,747 1,777 30 1.7 111 213 30 354 \$22.35 \$46,490

Subtotal, All Occupations Requiring Some College, No Degree or a Postsecondary 26,325 26,950 625 2.4 2,481 2,848 625 5,954

Conservation Tech. Assistants 624 625 1 0.2 50 93 1 144 \$17.51 \$36,430 23-2011 Paralegals & Legal

Assistants 531 551 20 3.8 36 72 20 128 \$22.49 \$46,770 19-4041 Geological &

Petroleum Tech. 343 396 53 15.5 20 53 53 126 \$28.56 \$59,410 25-2011 Preschool Teachers,

Except Special Ed. 697 689 -8 -1.2 60 74 -8 126 \$15.68 \$32,610 19-4031 Chemical Technicians 329 339 10 3.0 22 39 10 71 \$23.99 \$49,900

Subtotal, All Occupations Requiring an Associate's Degree 7,249 7,417 168 2.3 491 780 168 1,439

Managers 4,764 4,936 172 3.6 201 579 172 952 \$50.92 \$105,920 25-3098 Substitute Teachers 2,916 2,980 64 2.2 359 276 64 699 \$14.86 \$30,910 29-1141 Registered Nurses 5,068 5,190 122 2.4 294 223 122 639 \$32.38 \$67,360

Research & Planning Wyoming Department of Workforce Services

Page 8 2019 WIOA Unified State Plan Supporting Tables and Figures

(Table continued from previous page)

Table 6: Emerging Demand Occupations with the Greatest Number of Total Projected Openings by Educational Requirement in Wyoming, 2018Q2-2020Q2

Employment Change Types of Openings Average Wage

**Code Occupation^{2018Q2}
SOC^a**

25-2021 Elementary School Teachers, Except
Special Education
13-2011 Accountants &

51	1.8
40	2.0

**(Base)^{2020Q2}
(Proj) N % Exits Transfers Change Total Hourly Annual**

2,915 2,966 NA \$58,940

Auditors^{1,984 2,024 \$31.82 \$66,180}

**Subtotal, All
Occupations
Requiring a
Bachelor's Degree**

2.8 43 77 16 136 \$26.96 \$56,080

21-1012 Educational,
Guidance, School, &
Vocational Counselors

49,918 50,927 1,009 2.0 3,073 4,840 1,009 8,922 582 598 16

25-4021 Librarians 387 392 5 1.3 43 29 5 77 \$26.49 \$55,100 21-1014 Mental Health

Counselors^{354 357 3 0.9 26 46 3 75 ND ND}

11-9032 Education Administrators,
Elementary &
Secondary School

25-9031 Instructional
429 437 8 1.9 24 39 8 71 NA \$96,970

Coordinators^{336 342 6 1.8 32 28 6 66 \$32.35 \$67,300}

**Subtotal, All
Occupations
Requiring a Master's
Degree**

4,748 4,849 101 2.1 318 458 101 877

Source: Wyoming Short-Term Occupational Projections, 2018-2020.
 Prepared by M. Moore, Research & Planning, WY DWS, 9/9/2019.

Figure 2: Projected Total Job Openings in Wyoming by Educational Requirement, 2018-2020

Part B: Workforce Analysis.

Table 7: Estimated Population and Total Persons Working at Any Time in Wyoming, 2008-2018

Year	Estimated Population ^a		Persons Working at Any Time ^b		Over-the-Year Change		Over-the-Year Change													
	N	%	N	%																
2008	546,043	11,167	2.1	383,446	9,769	2.6	2009	559,851	13,808	2.5	357,148	-26,298	-6.9							
2010	564,483	4,632	0.8	352,152	-4,996	-1.4	2011	567,224	2,741	0.5	356,837	4,685	1.3	2012	576,270	9,046	1.6	361,887		
2013	5,050	1.4	2013	582,123	5,853	1.0	361,512	-375	-0.1	2014	582,548	425	0.1	368,939	7,427	2.1	2015	585,668	3,120	0.5
2016	364,859	-4,080	-1.1	2016	584,290	-1,378	-0.2	345,669	-19,190	-5.3	2017	578,934	-5,356	-0.9	339,284	-6,385	-1.8			
2018	577,737	-1,197	-0.2	343,836	4,552	1.3	2014-2018	-4,811	-0.8	-25,103	-6.8									

Change,

^aSource: U.S. Census Bureau.

^bSource: Demographics and Earnings of Persons Working in Wyoming by County, Industry, Age, & Gender, 2000-2018. Prepared by M. Moore, Research & Planning, WY DWS, 9/19/19.

600,000

500,000

Estimated Population^a

Number of Persons Working
in WY at Any Time^b

400,000

2008 2009 2010 2011 2012 2013 2014 2015 2016 2017
2018

300,000

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

^aSource: U.S. Census Bureau.

^bSource: Demographics and Earnings of Persons Working in Wyoming by County, Industry, Age, & Gender, 2000-2018. Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Figure 3: Estimated Population and Total Number of Persons Working at Any Time in Wyoming, 2008-2018

Wyoming Department of Workforce Services Research & Planning
2019 WIOA Unified State Plan Supporting Tables and Figures Page 11

Table 8: Wyoming Estimated Population and Number of Persons Working at Any Time by Age, 2014-2018

		Change, 2014-2018																																															
Age	2014	2018	N	%	<15	116,407	112,863	-3,544	-3.0	15-19	36,542	36,313	-229	-0.6	20-24	42,683	37,966	-4,717	-11.1	25-34	81,909	77,778	-4,131	-5.0	35-44	69,724	72,713	2,989	4.3	45-54	72,889	64,880	-8,009	-11.0	55-64	80,450	79,849	-601	-0.7	65+	81,944	95,375	13,431	16.4	Total	582,548	577,737	-4,811	-0.8

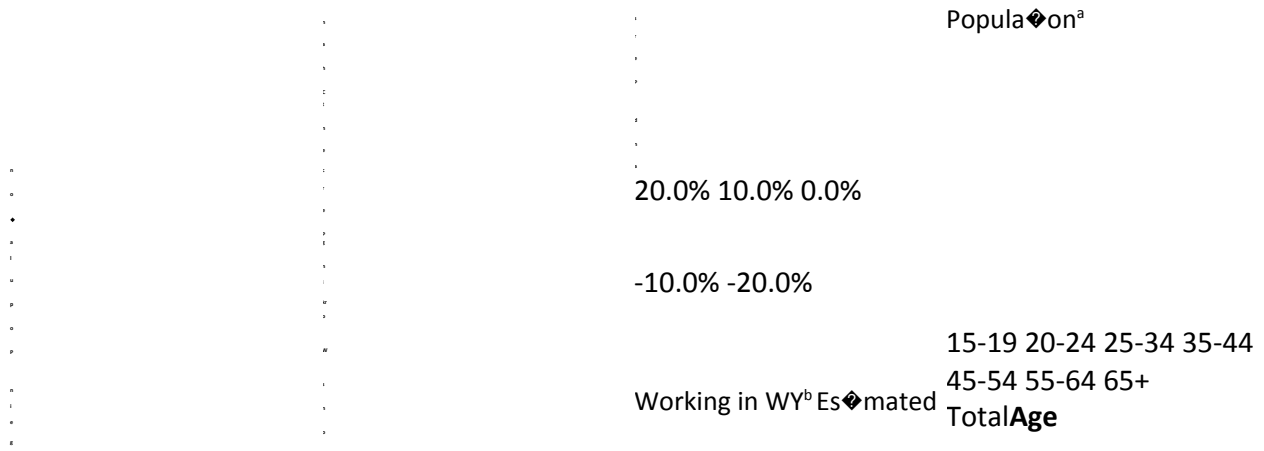
		Change, 2014-2018																																															
Age	2014	2018	N	%	<20	21,979	19,956	-2,023	-9.2	20-24	37,654	30,737	-6,917	-18.4	25-34	77,693	66,210	-11,483	-14.8	35-44	62,189	61,026	-1,163	-1.9	45-54	58,778	50,554	-8,224	-14.0	55-64	52,731	49,595	-3,136	-5.9	65+	17,159	19,128	1,969	11.5	Nonresidents ^c	40,756	46,630	5,874	14.4	Total	368,939	343,836	-25,103	-6.8

^aSource: U.S. Census Bureau.

^bSource: Demographics and Earnings of Persons Working in Wyoming by County, Industry, Age, & Gender, 2000-2018.

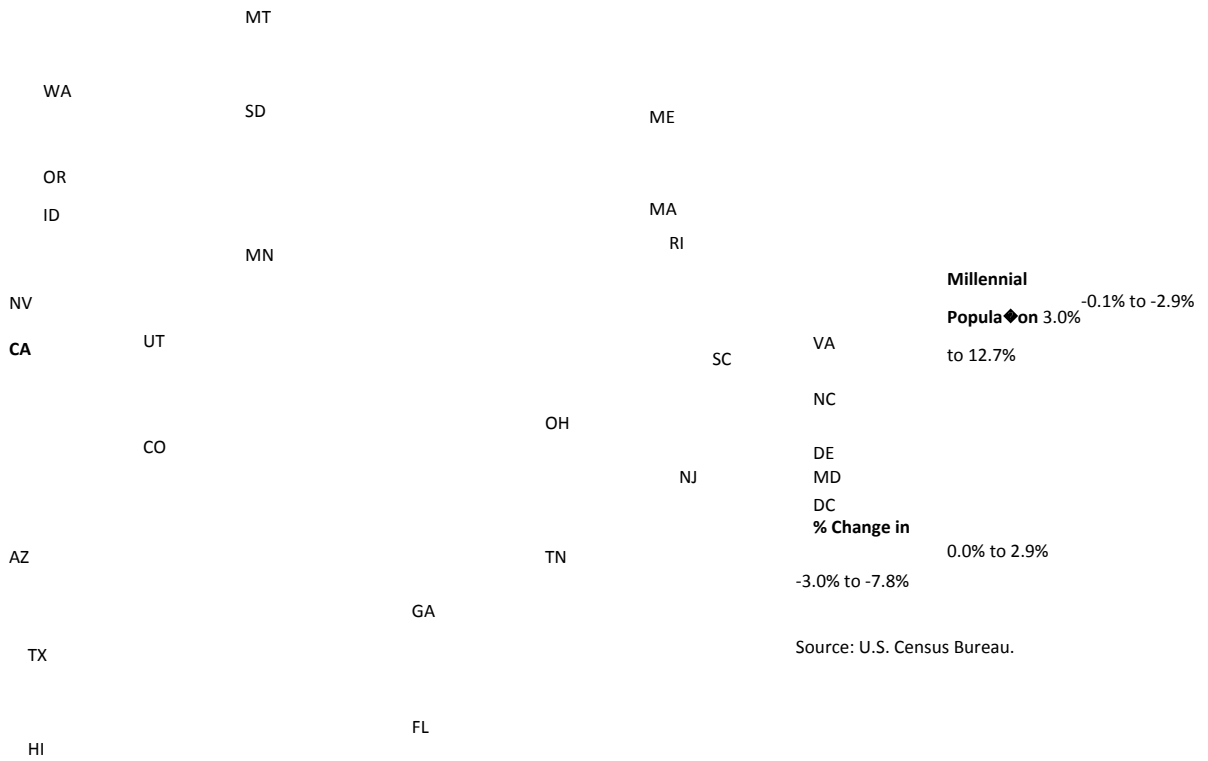
^cNonresidents are individuals for whom demographic data are not available.

Prepared by M. Moore, Research & Planning, WY DWS, 7/11/19.



^aSource: U.S. Census Bureau. Annual Estimates of the Resident Population by Single Year of Age, 2000-2018.
^bSource: Demographics and Earnings of Persons Working in Wyoming by County, Industry, Age, & Gender, 2000-2018. Prepared by M. Moore, Research & Planning, WY DWS, 6/27/19.

Figure 4: Percent Change in Estimated Population and Persons Working in Wyoming at Any Time by Age Group, 2014-2018



Source: U.S. Census Bureau.

Figure 5: Over-the-Year Percent Change in Millennial Population by Age, 2014-2018

Wyoming Department of Workforce Services Research & Planning
 2019 WIOA Unified State Plan Supporting Tables and Figures Page 13

Table 9: Individuals at or Below 100% of the Federal

Age Group	At or Under Poverty Not At	or Under Poverty Threshold	Total
00-17	N 19,615	118,733	138,348 % 14.2 85.8 100.0
18-19	N 6,179	9,113	15,292 % 40.4 59.6 100.0
20-24	N 12,887	27,810	40,697 % 31.7 68.3 100.0
25-34	N 71,013	81,457	% 12.8 87.2 100.0
35-44	N 71,429	% 9.5 90.5 100.0	N 5,988 64,391 70,379 %
45-54	8.5 91.5 100.0	N 7,073	74,203 81,276 % 8.7 91.3
55-64	100.0	N 8,683	75,639 84,322 % 10.3 89.7 100.0
65+			
Total	N 77,667	505,533	583,200 % 13.3 86.7 100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS,

Poverty Threshold by Age Group in Wyoming, 2017

Table 11: Individuals at or Below 130% of the Federal Poverty Threshold by Age Group in Wyoming, 2017

Age Group	At or Under Poverty Threshold	Under Poverty Threshold	Total
10/11/19.			

Table 10: Individuals at or Below 100% of the Federal Poverty Threshold by Gender in Wyoming, 2017

00-17	N 27,703	110,645	138,348 % 20.0 80.0 100.0
18-19	N 6,997	8,295	15,292 % 45.8 54.2 100.0
20-24	N 15,634	25,063	40,697 % 38.4 61.6 100.0
25-34	N 14,116	67,341	81,457 % 17.3 82.7 100.0
35-44	N 9,636	61,793	71,429 % 13.5 86.5 100.0
45-54	N 8,404	61,975	70,379 % 11.9 88.1 100.0
55+	N 9,292	71,984	81,276 % 11.4 88.6 100.0
65+	N 12,911	71,411	84,322 % 15.3 84.7

100.0 Total N 104,693 478,507 583,200 % 18.0 82.0 100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS,

Gender	At or Under Poverty Not At	or Under Poverty Threshold	Total
Female	N 40,125	244,615	284,740 % 14.1 85.9 100.0
Male	N 37,542	260,918	298,460 % 12.6 87.4 100.0
	N 77,667	505,533	583,200 % 13.3 86.7 100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

10/11/19.

Table 12: Individuals at or Below 130% of the Federal Poverty Threshold by Gender in Wyoming, 2017

Gender	At or Under Poverty Not At	or Under Poverty Threshold	Total
Female	N 54,579	230,161	284,740 % 19.2 80.8 100.0
Male	N 50,114	248,346	298,460 % 16.8 83.2 100.0
	N 104,693	478,507	583,200 % 18.0 82.0 100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

Research & Planning Wyoming Department of Workforce Services

Poverty Threshold by Age Group in Wyoming, 2017

Table 15: Proportion of Wyoming Population that is American Indian or Alaska Native by County, 2010

Table 13: Individuals at or Below 160% of the Federal

Age Group	At or Under Poverty	Not At or Under Poverty	Threshold Total
County N % N			

American Indian or Alaska Native	County Population Total

259 0.7	48 0.7	878 1.0	38 0.4
100 0.9	8,498 21.2	146 0.8	359 1.2
531 1.2	108 0.8	781 1.0	87 0.8
160 1.0	70 1.5	21 0.8	423 1.0
106 0.8	92 1.1	168 0.6	111 0.5
			168 0.8
			93 1.1
			91 1.3

00-17	N 36,422	101,926	138,348	% 26.3	73.7	100.0
18-19	N 7,425	7,867	15,292	% 48.6	51.4	100.0
20-24	N 18,068	22,629	40,697	% 44.4	55.6	100.0
25-34	N 17,667	63,790	81,457	% 21.7	78.3	100.0
35-44	N 12,508	58,921	71,429	% 17.5	82.5	100.0
45-54	N 10,219	60,160	70,379	% 14.5	85.5	100.0
55-64	N 12,024	69,252	81,276	% 14.8	85.2	100.0
65+	N 17,324	66,998	84,322	% 20.5	79.5	100.0
Total	N 131,657	451,543	583,200	% 22.6	77.4	100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS,

Gender	At or Under Poverty Threshold	Not At or Under	Total
Female	N 68,359	216,381	284,740
	% 24.0	76.0	100.0
Male	N 63,298	235,162	298,460
	% 21.2	78.8	100.0
Total	N 131,657	451,543	583,200
	% 22.6	77.4	100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

Age N % 00-17 4,320 32.8 18-19 419 3.2 20-24

10/11/19.

Table 14: Individuals at or Below 160% of the Federal Poverty Threshold by Gender in Wyoming, 2017

Albany	36,299	Big Horn	11,668	Campbell	46,133
Carbon	15,885	Converse	13,833	Crook	7,083
Fremont	40,123	Goshen	13,249	Hot Springs	4,812
Johnson	8,569	Laramie	91,738	Lincoln	18,106
Natrona	75,450	Niobrara	2,484	Park	28,205
Platte	8,667	Sheridan	29,116	Sublette	10,247
Sweetwater	43,806	Teton	21,294	Uinta	21,118
Washakie	8,533	Weston	7,208	Total	13,336
				2.4	563,626

Source: U.S. Census Bureau, 2010 Decennial Census.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

Poverty Threshold Total	American Indian or Alaska Native Status in Wyoming, 2017
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Table 16: Age Groups for

1,175	8.9	25-34	1,984	15.0	35-44	1,690	12.8
45-54	1,604	12.2	55-64	1,199	9.1	65+	793
						Total	13,184
							100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

10/11/19.

Table 17: Employment Status for American Indian or Alaska Native Individuals Ages 16 or Older in Wyoming, 2017

Employment Status N % At work 4,579 48.3 Armed forces--at

work 84 0.9 Unemployed 874 9.2 Not in Labor Force 3,944 41.6 **Total 9,481 100.0**

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS,

Table 18: Age of Wyoming Veterans (Including Active Duty) Ages 17 and Older, 2017

Age Group N % 17 0 0.0 18-19 56 0.1 20-24 757 1.6 25-34 4,417 9.3 35-44 5,537 11.7 45-54 6,890 14.6 55-64 9,955 21.0 65+ 19,704 41.6 **Total 47,316 100.0**

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

Table 19: Veteran Disability Rating by Age Group for Veterans (Including Active Duty) Ages 18 and Older in Wyoming, 2017

Age Group	Disability Rating										Total																																																																																																														
	0	10-20	30-40	50-60	70+ rating, level not reported Total,	Some Disability No	Has disability	disability rating	Total																																																																																																																
18-19	N 0	0	0	0	0	0	290	290	% 0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	20-24	N 16	0	47	15	104	0	182	1,967	2,149	% 0.7																																																																																													
0.0	2.2	0.7	4.8	0.0	8.5	91.5	100.0	25-34	N 58	537	445	151	130	93	1,414	5,519	6,933	% 0.8	7.7	6.4	2.2	1.9	1.3	20.4	79.6	100.0	35-44	N 41	730	238	183	379	131	1,702	5,011	6,713	% 0.6	10.9	3.5	2.7	5.6	2.0	25.4	74.6	100.0	45-54	N 102	364	313	207	428	195	1,609	6,568	8,177	% 1.2	4.5	3.8	2.5	5.2	2.4	19.7	80.3	100.0	55-64	N 236	932	459	371	377	116	2,491	8,531	11,022	% 2.1	8.5	4.2	3.4	3.4	1.1	22.6	77.4	100.0	65+	N 199	1,391	519	431	981	432	3,953	19,320	23,273	% 0.9	6.0	2.2	1.9	4.2	1.9	17.0	83.0	100.0	Total	N 652	3,954	2,021	1,358	2,399	967	11,351	47,206	58,557	% 1.1	6.8	3.5	2.3	4.1	1.7	19.4	80.6	100.0

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

Table 20: Ability to Speak English, Individuals Ages 5 or Older in Wyoming, 2017

N	%	Age
508,923	93.2	Yes, speaks only English
25,307	4.6	Yes, speaks very well
4,748	0.9	Yes, but not well
649	0.1	Does not speak English
545,938	100.0	Total

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

Age	N	%
0-17	5,551	1.0
18-19	1,103	0.2
20-24	14,189	2.6
25-34	37,792	6.9
35-44	81,457	14.9
45-54	8,291	1.5

Table 21: Disability Status by Age Group for Individuals Ages 5 and Older in Wyoming, 2015

Group	Has a Disability	No Disability	Total
55-64	85.7	100.0	15,288
65+	100.0	100.0	32,301
Total	14.5	85.5	78,903

Note: Disability types include cognitive disability, ambulatory difficulty, independent living difficulty, self-care difficulty, vision difficulty, or hearing difficulty. Individuals may have only one or they may have more than one, but they are counted once here.

Source: U.S. Census Bureau, American Community Survey. 5-year estimates.

Prepared by L. Knapp, Research & Planning, WY DWS, 10/11/19.

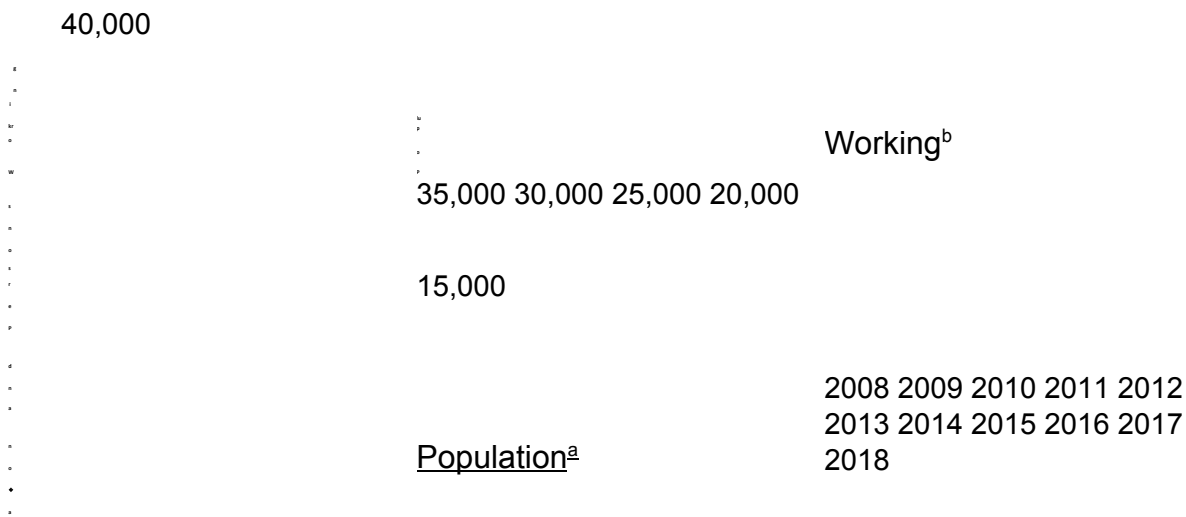
Table 22: Wyoming Resident Youth Population and Number of Youth Working in Wyoming at Any Time, Ages 15-19, 2008-2018

Year	N	N Change	% Change	N	N Change	% Change
2008	38,839	199	0.5	27,190	-1,194	-4.2
2009	39,062	223	0.6	22,040	-5,150	-18.9
2010	37,871	-1,191	-3.0	20,409	-1,631	-7.4
2011	36,882	-989	-2.6	20,497	88	0.4
2012	36,879	-3	0.0	20,925	428	2.1
2013	37,312	433	1.2	20,741	-184	-0.9
2014	36,542	-770	-2.1	21,375	634	3.1
2015	36,792					

250 0.7 21,306 -69 -0.3 2016 36,448 -344 -0.9 19,598 -1,708 -8.0 2017 36,239 -209 -0.6 19,494 -104 -0.5 2018 36,313 74 0.2 19,719 225 1.2 **Change, 2008-2018 -2,526 -6.5 -7,471 -27.5**

^aSource: Annual Estimates of the Resident Population by Single Year of Age and Sex for the United States, States, and Puerto Rico Commonwealth: April 1, 2010 to July 1, 2018. U.S. Census Bureau, Population Division. ^bSource: Demographics of Persons Working in Wyoming by County, Industry, Age, & Gender, 2000-2018. Research & Planning, Wyoming Department of Workforce Services.

Prepared by M. Moore, Research & Planning, WY DWS, 9/4/19.



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

^aSource: Annual Estimates of the Resident Population by Single Year of Age and Sex for the United States, States, and Puerto Rico Commonwealth: April 1, 2010 to July 1, 2018. U.S. Census Bureau, Population Division.

^bSource: Demographics of Persons Working in Wyoming by County, Industry, Age, & Gender, 2000-2018. Research & Planning, Wyoming Department of Workforce Services.

Prepared by M. Moore, Research & Planning, WY DWS, 9/4/19.

Figure 6: Estimated Population and Total Number of Persons Working of Youth Ages 15-19 in Wyoming, 2008-2018

Research & Planning Wyoming Department of Workforce Services

Page 18 2019 WIOA Unified State Plan Supporting Tables and Figures

Prepared by M. Moore, Research & Planning, WY DWS, 9/5/19.

Table 23: Total Fall Enrollment for Wyoming Public Schools, Grades K-12, 2008/09 to 2018/19 Over-the-Year Change

School Year	N	N %	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
2008/09	86,519												
2009/10	87,420	901	1.0										
2010/11	88,165	745	0.9										
2011/12	89,476	1,311	1.5										
2012/13	90,993	1,517	1.7										
2013/14	92,218	1,225	1.3										
2014/15	93,303	1,085	1.2										
2015/16	94,002	699	0.7										
2016/17	93,261	-741	-0.8										
2017/18	92,976	-285	-0.3										
2018/19	93,029	53	0.1										
Change, 2008/09 to 2018/19	6,510	7.5											

Source: Wyoming Department of Education 684 File.

100,000

Table 24: Wyoming State Graduation Rates, 2009/10 to 2017/18

School Year	4-Year	(On-Time) 5-Year	6-Year
2009/10	80.4	82.8	83.5
2010/11	79.7	82.4	82.9
2011/12	78.9	81.3	82.0
2012/13	77.6	80.3	81.0
2013/14	78.6	80.8	81.6
2014/15	79.4	81.6	81.2

2015/16 80.8 82.1 82.6 2016/17 80.2 82.0
2017/18 81.7

Prepared by M. Moore, Research & Planning, WY DWS,
9/5/19.

Source: Wyoming Department of Education 684 File.

95,000 90,000 85,000 80,000

2008/09 2009/10 2010/11 2011/12
2012/13 2013/14 2014/15 2015/16
2016/17 2017/18 2018/19 **School
Year**

Source: Wyoming Department of Education 684 File. Prepared by M. Moore, Research & Planning, WY DWS,

9/5/19. **Figure 7: Total Fall Enrollment for Wyoming Schools, Grades K-12, 2008/09 to 2018/19**

90.0% 85.0% 80.0% 75.0%

4-Year

5-Year

6-Year

2008/09 2009/10 2010/11 2011/12
2012/13 2013/14 2014/15 2015/16
2016/17 2017/18 2018/19 **School
Year**

Source: Wyoming Department of Education 684 File. Prepared by M. Moore, Research & Planning, WY DWS,

9/5/19. **Figure 8: Wyoming State Graduation Rates, 2009/10 to 2017/18**

Table 25: Number of Graduates, 4-Year (On-Time) Graduation Rates, and Number of Dropouts (Grades 9-12) by Wyoming Public Schools by District, 2017/2018

School District	Total Expected	Graduates Actual	Graduates	Graduation Rate	Total Dropouts (Grades 9-12)														
Albany #1	284	234	82.4%	49	Big Horn #1	156	78	50.0%	36	Big Horn #2	57	54	94.7%	5	Big Horn #3	44	40	90.9%	6
Big Horn #4	23	21	91.3%	2	Campbell #1	624	518	83.0%	72	Carbon #1	145	116	80.0%	26	Carbon #2	53	46	86.8%	8
Converse #1	135	115	85.2%	22	Converse #2	44	36	81.8%	6	Crook #1	90	78	86.7%	8	Fremont #1	122	104	85.3%	17
Fremont #14	38	22	57.9%	13	Fremont #2	16	16	100.0%	1	Fremont #21	25	10	40.0%	18	Fremont #24	28	24	85.7%	4
Fremont #25	192	147	76.6%	50	Fremont #38	19	0	0.0%	23	Fremont #6	30	30	100.0%	N/A	Goshen #1	143	124	86.7%	17
Hot Springs #1	56	45	80.4%	7	Johnson #1	90	79	87.8%	8	Laramie #1	1,029	821	79.8%	187	Laramie #2	58	48	82.8%	7
Lincoln #1	40	39	97.5%	3	Lincoln #2	209	183	87.6%	10	Natrona #1	940	733	78.0%	160	Niobrara #1	103	59	57.3%	44
Park #1	126	114	90.5%	14	Park #16	9	9	100.0%	0	Park #6	158	142	89.9%	13	Platte #1	68	62	91.2%	11
Platte #2	15	14	93.3%	1	Sheridan #1	60	51	85.0%	4	Sheridan #2	277	247	89.2%	33	Sheridan #3	8	8	100.0%	1
Sublette #1	71	69	97.2%	3	Sublette #9	48	43	89.6%	2	Sweetwater #1	391	290	74.2%	92	Sweetwater #2	209	193	92.3%	15
Teton #1	188	165	87.8%	10	Uinta #1	210	176	83.8%	45	Uinta #4	59	55	93.2%	3	Uinta #6	51	40	78.4%	6
Washakie #1	89	77	86.5%	13	Washakie #2	8	5	62.5%	N/A	Weston #1	41	36	87.8%	7	Weston #7	22	21	95.5%	1
Total	6,901	5,637	81.7%	1,083	N/A = Data for Fremont #6 and Washakie #2 were not available.														

Source: Wyoming Department of Education.

Prepared by M. Moore, Research & Planning, WY DWS, 9/9/19.

Table 26: Total Number of Dropouts in Grades 9-12 by School Year and Grade in Wyoming Public Schools, 2009/10 to 2017/18

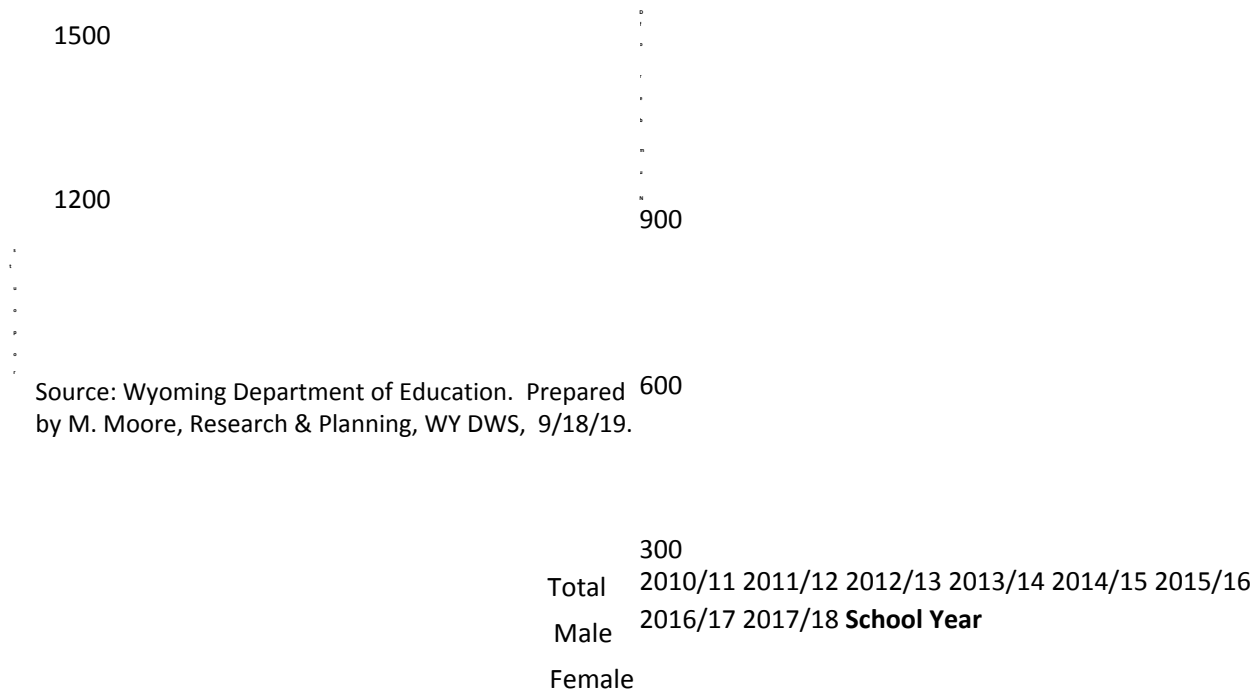
School	Year 9	10	11	12	Total
2010/11	141	302	284	324	1,051
2011/12	144	254	320	394	1,112
2012/13	181	291	369	362	1,203
2013/14	147	293	314	397	1,151
2014/15	199	297	333	334	1,163
2015/16	171	289	333	312	1,105
2016/17	135	238	323	328	1,024
2017/18	163	258	304	358	1,083

Year	N	% N	% N
2010/11	462	44.0	
2011/12	478	43.0	
2012/13	507	42.1	
2013/14	480	41.7	
2014/15	485	41.7	
2015/16	479	43.3	
2016/17	422	41.2	
2017/18	435	40.2	

Table 27: Total Number of Dropouts in Grades 9-12 by School Year and Gender (Grades 9-12) in Wyoming Public Schools, 2009/10 to 2017/18

School	Male	Female	Total	Average, 2010/11- 2017/18
2010/11	589	56.0	1,051	643
2011/12	634	57.0	1,112	58
2012/13	696	57.9	1,203	469
2013/14	671	58.3	1,151	42
2014/15	678	58.3	1,163	1,112
2015/16	626	56.7	1,105	5,144
2016/17	602	58.8	1,024	463
2017/18	648	59.8	1,083	
Total, 2010/11- 2017/18	2,222	2,580	2,809	8,892
Average, 2010/11- 2017/18	643	58	469	42
Total, 2010/11- 2017/18	3,748	337	8,892	

Source: Wyoming Department of Education. Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.



Source: Wyoming Department of Education. Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Source: Wyoming Department of Education on 684 File. Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Figure 9: Total Number of Wyoming Public School Dropouts by Gender, Grades 9-12, 2010/11 to 2017/18

Table 28: Total Number of Dropouts for Wyoming Public Schools by Grade and School District, 2017/18 School Year

School District	7	8	9	10	11	12	N	Column %	Total
Albany	#1	0	1	3	14	14	18	50.4	4.4
Big Horn #1	1	2	10	5	14	7	39	3.4	Big Horn #2
1	0	2	1	2	6	0.5	Big Horn #3	0	0
2	1	2	6	0.5	Big Horn #4	0	0	0	1
1	0	2	0.2	Campbell	#1	3	1	8	20
26	18	76	6.6	Carbon	#1	0	0	6	10
9	1	26	2.3	Carbon #2	0	0	1	0	3
4	8	0.7	Converse	#1	0	2	1	4	5
12	24	2.1	Converse #2	0	0	0	4	2	6
0.5	Crook	#1	0	1	1	1	3	3	9
0.8	Fremont	#1	0	1	6	6	3	2	18
1.6	Fremont #2	0	0	0	1	0	1	0.1	Fremont #14
0	0	3	6	3	1	13	1.1	Fremont #21	0
0	8	3	3	4	18	1.6	Fremont #24	0	0
0	1	0	3	4	0.3	Fremont #25	1	2	7
10	19	14	53	4.6	Fremont #38	0	1	11	7
1	4	24	2.1	Goshen	#1	0	1	4	2
3	8	18	1.6	Hot Springs	#1	0	0	5	1
1	7	0.6	Johnson	#1	1	1	0	3	2
3	10	0.9	Laramie	#1	4	12	55	52	50
30	203	17.8	Laramie #2	1	0	1	2	1	3
8	0.7	Lincoln	#1	0	0	1	1	1	0
3	0.3	Lincoln #2	1	0	1	3	2	4	11
1.0	Natrona	#1	7	3	7	20	35	98	170
14.9	Niobrara	#1	0	0	4	17	10	13	44
3.8	Park	#1	1	0	3	9	2	15	1.3
Park #6	0	0	2	3	8	13	1.1	Park #16	0
1	0	0	0	1	0.1	Platte	#1	0	0
2	3	4	11	1.0	Platte #2	0	0	0	1
0	1	0	0	1	0.1	Sheridan	#1	0	0
3	0	1	4	0.3	Sheridan #2	0	0	3	11
10	9	33	2.9	Sheridan #3	0	0	0	0	1
0	1	0	1	0.1	Sublette	#1	0	0	2
1	0	3	0.3	Sublette #9	0	0	0	1	1
2	0.2	Sweetwater	#1	1	1	7	15	24	46
94	8.2	Sweetwater #2	1	4	1	6	5	3	20
1.7	Teton	#1	1	0	1	1	2	6	11
1.0	Uinta	#1	2	0	2	12	19	12	47
4.1	Uinta #4	0	0	0	1	1	1	3	0.3
0.5	Uinta #6	0	0	0	2	1	3	6	0.5
Washakie	#1	0	0	2	1	4	6	13	1.1
Weston	#1	0	0	0	3	3	1	7	0.6
Weston #7	0	0	0	1	0	0	1	0.1	Wyoming
25	35	163	258	304	358	1,143	100.0		

Data for Fremont #6 and Washakie #2 were not available.
 Source: Wyoming Department of Education.
 Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Table 31: Number of Wyoming Postsecondary Graduates by School Year and Degree Type and Percent Found Working in Wyoming 5 Years Later, 2006/07-2007/08

Table 29: Number of 18-Year-Olds Working in Wyoming by Year and Percent with Wages in Wyoming 5 Years Later, 1992-2006

Years Later	Year N	% Working in WY 5	Degree Type	School	WY 5 Years Later
1992	6,565	52.3			
1993	7,081	47.3			2009/10
1994	7,336	45.7			1,443
1995	7,311	48.7			58.6
1996	6,899	50.7			2010/11
1997	7,373	52.1			1,656
1998	7,264	53.9			53.7
1999	7,174	56.4			Average 1,449
2000	7,325	57.3			57.2
2001	6,770	61.7			2007/08
2002	6,801	61.5			602
2003	6,497	62.9			62.3
2004	6,407	61.7			2008/09
2005	6,206	63.3			651
2006	6,377	61.4			61.0
		Average 6,892			63.1
			Occupational	1-Year	
			Occupational		

Source: Glover, T. (2012, March). A Decade Later: Tracking Wyoming's Youth Into the Labor Force.
 Prepared by M. Moore, Research & Planning, WY DWS, 9/19/19.

Table 30: Number of Wyoming High School Seniors by School Year and Percent Found Working in Wyoming 5 Years Later, 2006/07-2007/08

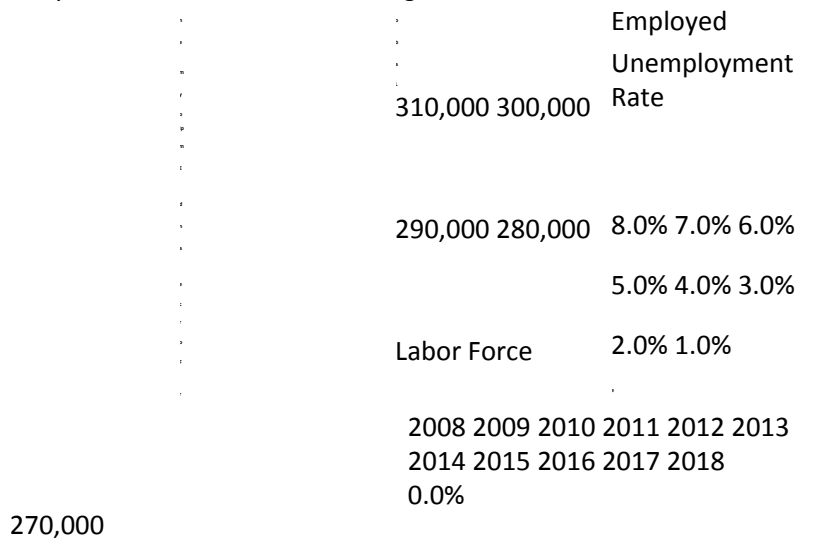
School Year	N	% Working in WY 5	Years Later
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284,310	5,824	2.1	8,969	895	11.1	18,970
281,150	-3,160	-1.1	10,001	111.5	19,553	583
283,744	2,594	0.9	3.1	17,796	-1,757	-9.0
289,019	5,275	1.9	16,335	-1,461	-8.2	
290,932	1,913	0.7	14,477	-1,858	-11.4	
292,131	1,199	0.4	12,668	-1,809	-12.5	
293,302	1,171	0.4	13,108	440	3.5	16,051
291,295	-2,007	-0.7	2,943	22.5	12,234	-3,817
284,681	-6,614	-2.3	-23.8	11,754	-480	-3.9
280,689	-3,992	-1.4				
277,820	-2,869	-1.0				

2008 293,279 6,719 2.3 3.1 0.2 2009 300,120 6,841 2.3 6.3 3.3 2010 303,297 3,177 1.1 6.4 0.1 2011 306,815 3,518 1.2 5.8
-0.6 2012 307,267 452 0.1 5.3 -0.5 2013 306,608 -659 -0.2 4.7 -0.6 2014 305,970 -638 -0.2 4.1 -0.6 2015 304,403 -1,567
-0.5 4.3 0.2 2016 300,732 -3,671 -1.2 5.3 1.0 2017 292,923 -7,809 -2.6 4.2 -1.2 2018 289,574 -3,349 -1.1 4.1 -0.1 **Change,
2014-2018 -3,705 -1.3 -6,490 -2.3 2,785 31.1 1.0**

Source: Local Area Unemployment Statistics.

Prepared by M. Moore, Research & Planning, WY DWS, 9/10/19.



Source: Local Area Unemployment Statistics.

Prepared by M. Moore, Research & Planning, WY DWS, 9/10/19.

Figure 10: Local Area Unemployment Statistics (LAUS) for Wyoming, 2008-2018 (Annual Averages, Not Seasonally Adjusted)

2014 2015 2016 2017 2018

2008 2009 2010 2011 2012 2013

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

^aSource: Federal Reserve Bank of St. Louis, Economic Research Division.

Prepared by M. Moore, Research & Planning, WY DWS, 9/9/19.

Figure 11: Labor Force Participation Rates for Wyoming and the U.S., January 2008 to December 2018

Table 33: Unemployment Insurance Benefit Recipients and Exhaustees in Wyoming, 2008-2018 **Total Recipients**
Total Exhaustees Exhaustion Rate Over-the-Year Change Over-the-Year Change

Year	N	N %	N %	N %	Rate	Over-the Year Change	2008	16,916	3,852	29.5	3,450	646	23.0	20.4	-1.1	2009	37,251	20,335	120.2			
12,069	8,619	249.8	32.4	12.0	2010	34,388	-2,863	-7.7	12,304	235	1.9	35.8	3.4	2011	27,756	-6,632	-19.3	8,710	-3,594	-29.2		
		31.4	-4.4	2012	25,617	-2,139	-7.7	6,725	-1,985	-22.8	26.3	-5.1	2013	23,854	-1,763	-6.9	6,098	-627	-9.3	25.6	-0.7	
		19,232	-4,622	-19.4	4,257	-1,841	-30.2	22.1	-3.4	2015	22,753	3,521	18.3	4,880	623	14.6	21.4	-0.7	2016	26,101	3,348	14.7
		6,735	1,855	38.0	25.8	4.4	2017	17,849	-8,252	-31.6	4,178	-2,557	-38.0	23.4	-2.4	2018	13,543	-4,306	-24.1	3,195	-983	-23.5
																					23.6	0.2

Source: Unemployment Insurance statistics, Research & Planning, WY DWS.
 Prepared by M. Moore, Research & Planning, WY DWS, 10/14/19.

Table 34: Selected Demographics of Unemployment Insurance Recipients, Exhaustees, and Exhaustion Rate, 2017 and 2018

Category	Recipients UI Benefit Exhaustees	Exhaustion	Rate	Recipients UI Benefit	Exhaustees	Exhaustion	Rate
Age 16-24	997	145	14.5	1,449	204	14.1	25-34
							3,223
							610
							18.9
							4,437
							816
							18.4
							35-44
							2,912
							616
							21.2
							3,824
							848
							22.2
							45-54
							2,765
							660
							23.9
							3,638
							908
							25.0
							55-64
							2,821
							817
							29.0
							3,568
							1,037
							29.1
							65+
							825
							347
							42.1
							933
							365
							39.1
Gender Men	8,952	1,876	21.0	12,144	2,636	21.7	Women
							4,591
							1,319
							28.7
							5,705
							1,542
							27.0
Total Base Period Wages							2,858
							948
							33.2
							3,548
							1,093
							30.8
							\$20,000-\$29,999
							2,932
							785
							26.8
							3,691
							924
							25.0
							\$30,000-\$39,999
							2,403
							462
							19.2
							3,164
							663
							21.0
							\$40,000-\$49,999
							1,666
							244
							14.6
							2,275
							403
							17.7
							\$50,000-\$59,999
							1,042
							138
							13.2
							1,386
							240
							17.3
							\$60,000+
							1,605
							255
							15.9
							2,321
							450
							19.4
							0-9
							81
							7
							8.6
							217
							0
							0.0
							10-14
							1,314
							652
							49.6
							1,696
							719
							42.4
							15-19
							2,250
							770
							34.2
							2,886
							968
							33.5
							20-25
							3,776
							737
							19.5
							4,960
							915
							18.4
							Maximum =
							26
							6,122
							1,029
							16.8
							8,090
							1,576
							19.5
							1
							7,158
							1,631
							22.8
							9,233
							2,100
							22.7
							2
							3,620
							891
							24.6
							4,693
							1,157
							24.7
							3
							1,545
							389
							25.2
							2,192
							538
							24.5
							4
							691
							163
							23.6
							951
							216
							22.7
							5
							or More
							516
							121
							23.4
							760
							167
							22.0
							Unknown
							13
							0
							0.0
							20
							0
							0.0
							\$0-\$9,999
							1,037
							363
							35.0
							1,464
							405
							27.7
							\$10,000-\$19,999
							13,543
							3,195
							23.6
							17,849
							4,178
							23.4

Source: Wyoming Unemployment Insurance (UI) claims database.
 Prepared by S. Wen, Research & Planning, WY DWS, 3/25/19.

Table 35: Employment and Wages for Mining, Including Oil & Gas (NAICS^a 21) in Wyoming, 2018

	Mining (NAICS 21)	Total, All Industries	N % of Total
Average Monthly Employment	272,171	20,693	7.6
Total Wages (in Millions)	\$13,080.3	\$1,866.7	14.3
Average Annual Wage	\$48,059	\$90,207	187.7

^aNorth American Industry Classification System.
 Source: Quarterly Census of Employment and Wages.
 Prepared by M. Moore, Research & Planning, 9/19/19.

30,000

25,000

20,000

15,000

2008Q1 2009Q1 2010Q1 2011Q1 2012Q1 2013Q1
2014Q1 2015Q1 2016Q1 2017Q1 2018Q1

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

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Figure 11: Average Monthly Employment in Mining, Including Oil & Gas (NAICS 21) in Wyoming, 2008Q1-2018Q4

Table 36: Employment and Wages for Construction (NAICS^a 23) in Wyoming, 2018

	Construction (NAICS 23)			Total, All Industries N % of Total			
Average Monthly Employment	272,171	20,253	7.4	Total Wages (in Millions)	\$13,080.3	\$1,084.6	8.3
Annual Wage	\$48,059	\$53,554	111.4	Average			

^aNorth American Industry Classification System.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, 9/19/19.

35,000

Average Monthly Employment
4-Quarter Moving Average

30,000

25,000

20,000

15,000

2008Q1 2009Q1 2010Q1 2011Q1 2012Q1 2013Q1
2014Q1 2015Q1 2016Q1 2017Q1 2018Q1

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

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Figure 12: Average Monthly Employment in Construction (NAICS 23) in Wyoming, 2008Q1-2018Q4

Research & Planning Wyoming Department of Workforce Services

Page 28 2019 WIOA Unified State Plan Supporting Tables and Figures

Table 37: Employment and Wages for Manufacturing (NAICS^a 31-33) in Wyoming, 2018

	Manufacturing (NAICS 31-33)			Total, All Industries N % of Total		
Average Monthly Employment	272,171	9,721	3.6	Total Wages (in Millions)	\$13,080.3	\$651.9 5.0
Annual Wage	\$48,059	\$67,060	139.5	Average		

^aNorth American Industry Classification System.

Source: Quarterly Census of Employment and Wages.

Prepared by M. Moore, Research & Planning, 9/19/19.

2014Q1 2015Q1 2016Q1 2017Q1 2018Q1

11,000 10,500 10,000

9,500 9,000 8,500 8,000

Average Monthly Employment
4-Quarter Moving Average

2008Q1 2009Q1 2010Q1 2011Q1 2012Q1 2013Q1

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

Source: Quarterly Census of Employment and Wages.

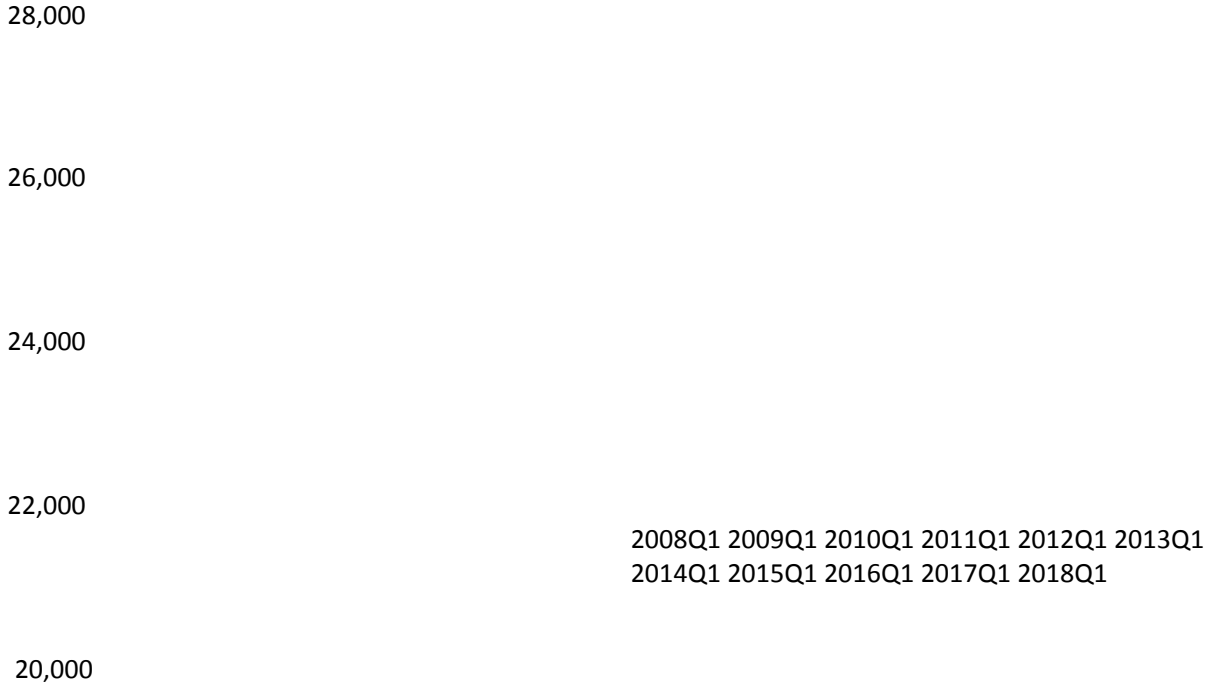
Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Figure 13: Average Monthly Employment in Manufacturing (NAICS 31-33) in Wyoming, 2008Q1-2018Q4

Total, All Industries N % of Total

Average Monthly Employment 272,171 25,363 9.3 Total Wages (in Millions) \$13,080.3 \$1,104.2 8.4 Average Annual Wage \$48,059 \$43,536 90.6

^aNorth American Industry Classification System.
 Source: Quarterly Census of Employment and Wages.
 Prepared by M. Moore, Research & Planning, 9/19/19.



Shaded areas indicate periods of economic downturn: 2009Q1-2010Q1 and 2015Q2-2016Q4.
 Source: Quarterly Census of Employment and Wages.
 Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Figure 14: Average Monthly Employment in Health Care & Social Assistance (NAICS 23) in Wyoming, 2008Q1-2018Q4

Total, All Industries N % of Total

Average Monthly Employment 272,171 36,403 13.4 Total Wages (in Millions) \$13,080.3 \$774.3 5.9 Average Annual Wage \$48,059 \$21,270 44.3

^aNorth American Industry Classification System.
Source: Quarterly Census of Employment and Wages.
Prepared by M. Moore, Research & Planning, 9/19/19.

2014Q1 2015Q1 2016Q1 2017Q1 2018Q1

45,000 40,000 35,000 30,000 25,000

Average Monthly Employment
4-Quarter Moving Average

2008Q1 2009Q1 2010Q1 2011Q1 2012Q1 2013Q1

Shaded areas indicate periods of economic downturn: 2009Q1-2010Q1 and 2015Q2-2016Q4.
Source: Quarterly Census of Employment and Wages.
Prepared by M. Moore, Research & Planning, WY DWS, 9/18/19.

Figure 15: Average Monthly Employment in Manufacturing (NAICS 31-33) in Wyoming, 2008Q1-2018Q4

Table 40: Educational Attainment for Individuals Ages 25 and Older in Wyoming and the U.S. by Gender, 2017

		Wyoming		U.S. (in Millions)	
Educational Attainment	N %	N %	N %	N %	N %
Less than 9th Grade	6,883 1.8	11,792,682 5.5	9th to 12th Grade, No Diploma	20,027 5.2	15,737,888 7.3
High School Graduate (Includes Equivalency)	112,020 28.8	59,259,148 27.4	Some College, No Degree	103,036 26.5	44,963,438 20.8
Associate's Degree	42,522 10.9	17,888,308 8.3	Bachelor's Degree	68,060 17.5	41,267,205 19.1
Graduate or Professional Degree	36,315 9.3	25,377,455 11.7	High School Graduate or Higher	361,953 93.1	188,755,554 87.3
Bachelor's Degree or Higher	104,375 26.8	66,644,660 30.8	Total	388,863	100.0
				216,286,124	100.0

		Wyoming		U.S. (in Millions)	
Educational Attainment	N %	N %	N %	N %	N %
Less than 9th Grade	2,762 1.4	5,942,228 5.3	9th to 12th Grade, No Diploma	9,866 5.1	7,579,733 6.8
High School Graduate (Includes Equivalency)	50,458 26.3	29,802,427 26.6	Some College, No Degree	52,523 27.3	23,526,584 21.0
Associate's Degree	23,439 12.2	10,208,709 9.1	Bachelor's Degree	34,626 18.0	21,627,121 19.3
Graduate or Professional Degree	18,528 9.6	13,167,389 11.8	High School Graduate or Higher	179,574 93.4	98,332,230 87.9
Bachelor's Degree or Higher	53,154 27.7	34,794,510 31.1	Total	192,202	100.0
				111,854,191	100.0

		Wyoming		U.S. (in Millions)	
Educational Attainment	N %	N %	N %	N %	N %
Less than 9th Grade	4,121 2.1	5,850,454 5.6	9th to 12th Grade, No Diploma	10,161 5.2	8,158,155 7.8
High School Graduate (Includes Equivalency)	61,562 31.3	29,456,721 28.2	Some College, No Degree	50,513 25.7	21,436,854 20.5
Associate's Degree	19,083 9.7	7,679,599 7.4	Bachelor's Degree	33,434 17.0	19,640,084 18.8
Graduate or Professional Degree	17,787 9.0	12,210,066 11.7	High School Graduate or Higher	90,423,324 86.6	51,221 26.0
Bachelor's Degree or Higher	31,850,150 30.5	Total	196,661	100.0	104,431,933
					100.0

Note: Postsecondary certificates less than an associate's degree are not reflected in ACS estimates. Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates. Prepared by L. Knapp, Research & Planning, WY DWS, 10/15/19.

Table 41: Total Number of Persons Working at Any Time and Percent Age 55 and Older, 2018, and Percent with an Associate's Degree or Bachelor's Degree, 2017, in Wyoming by Industry

Industry and NAICS ^c Code	N	% 55+	Working in WY at	
			Any Time, 2018 ^a	Highest Level of Education, 2017 ^b
			Associate's Degree	% Bachelor's Degree or Higher
Natural Resources & Mining (11-21)	27,401	22.3	9.1	16.8
Construction (23)	35,127	14.3	8.1	11.2
Manufacturing (31-33)	11,593	23.2	14.7	19.6
Wholesale Trade, Transportation, & Utilities (42, 48, 49, 22)	23,411	25.6	11.0	14.7
Retail Trade (44-45)	41,415	18.6	10.7	19.0
Information (51)	4,376	20.2	14.1	42.2
Financial Activities (52-53)	12,394	25.1	14.5	

33.6 Professional & Business Services (54-56) 24,795 20.3 12.7 36.1 Educational Services (61) 34,684 28.0 6.1 64.5
 Health Care & Social Assistance (62) 36,976 21.3 17.3 39.6 Leisure & Hospitality (71-72) 54,459 8.7 9.0 22.5 Other
 Services Except Public Administration (81) 9,064 20.9 16.0 19.7 Public Administration (92) 27,603 27.4 22.2 39.2 **Total**
343,602 19.9 12.2 29.5

^aSource: Wage Records, Research & Planning, WY DWS.

^bSource: U.S. Census Bureau, American Community Survey. 5-Year Average.

^cNorth American Industry Classification System.

Prepared by M. Moore and L. Knapp, Research & Planning, WY DWS, 10/15/19.

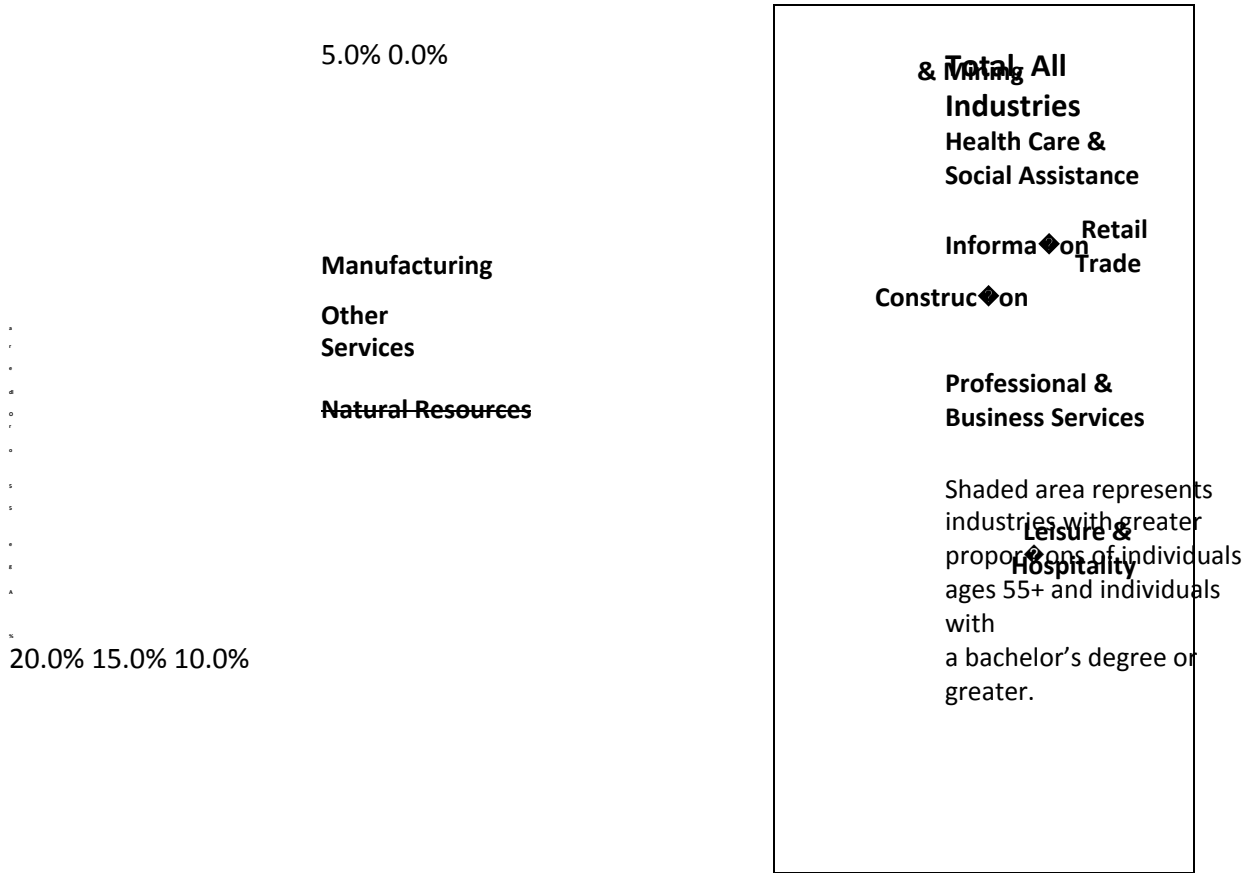
Warehousing, & Utilities Public

30.0% 25.0%

Administrative Services Educational

Financial Activities

Wholesale Trade, Transportation,



0.0% 20.0% 40.0% 60.0% 80.0% % with a Bachelor's Degree or Higher

^aSource: Wage Records, Research & Planning, WY DWS.

^bSource: U.S. Census Bureau, American Community Survey. 5-Year Average.

Bubble size indicates employment of industry.

Prepared by M. Moore, Research & Planning, WY DWS, 10/15/19.

Figure 16: Percent of Persons Working in Wyoming at Any Time Age 55 and Older (2018) and Percent of Persons in the Labor Force with a Bachelor's Degree or Higher (2017) in Wyoming by Industry

Data Sources Used in This Report by Agency

Agency Data Source

- Workforce Services • Demographics and Earnings of Persons Working in Wyoming by County, Industry, Age, & Gender, 2000-2018
 - Education: WE Connect
- Research & Planning, Wyoming Department of
 - Short-Term Industry and Occupational Projections, 2018-2020
 - Wyoming New Hires Job Skills Survey
 - Wyoming Unemployment Insurance (UI) Statistics
- U.S. Bureau of Labor Statistics, in Conjunction with
 - Local Area Unemployment Statistics (LAUS)
 - Quarterly Census of Employment and Wages (QCEW)
- Research & Planning • U.S. Census Bureau • American Community Survey (ACS) estimates • Population estimates
 - Wyoming Department of Education • School District Enrollment and Staffing Data • Wyoming State and District Graduation Rates

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Wyoming Department of Workforce Services Research & Planning
2019 WIOA Unified State Plan Supporting Tables and Figures Page 35

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