

# Regional Demographics and Workforce Baseline Analysis: Challenges and Opportunities

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# General Characteristics

	<i>Population</i>	<i>Labor Force Participation Rate</i>	<i>Per Capita Income</i>	<i>Individuals 25+ with at least a Bachelor's <sup>a</sup></i>	<i>High School Graduation Rate <sup>b</sup></i>
<i>Region I</i>	456,709	69.1%	\$ 35,322	21.8%	80.2%
<i>Region II</i>	255,317	67.9%	\$ 32,823	19.0%	82.6%
<i>Region III</i>	152,264	65.6%	\$ 29,687	15.3%	76.0%
<i>Region IV</i>	405,430	59.0%	\$ 31,225	12.2%	76.2%
<i>Region V</i>	585,644	68.6%	\$ 35,965	21.0%	75.9%
<i>West Virginia</i>	1,855,364	66.3%	\$ 33,822	18.5%	77.9%
<i>U.S.</i>	311,591,917	64.1%	\$ 42,298	28.5%	79.0%

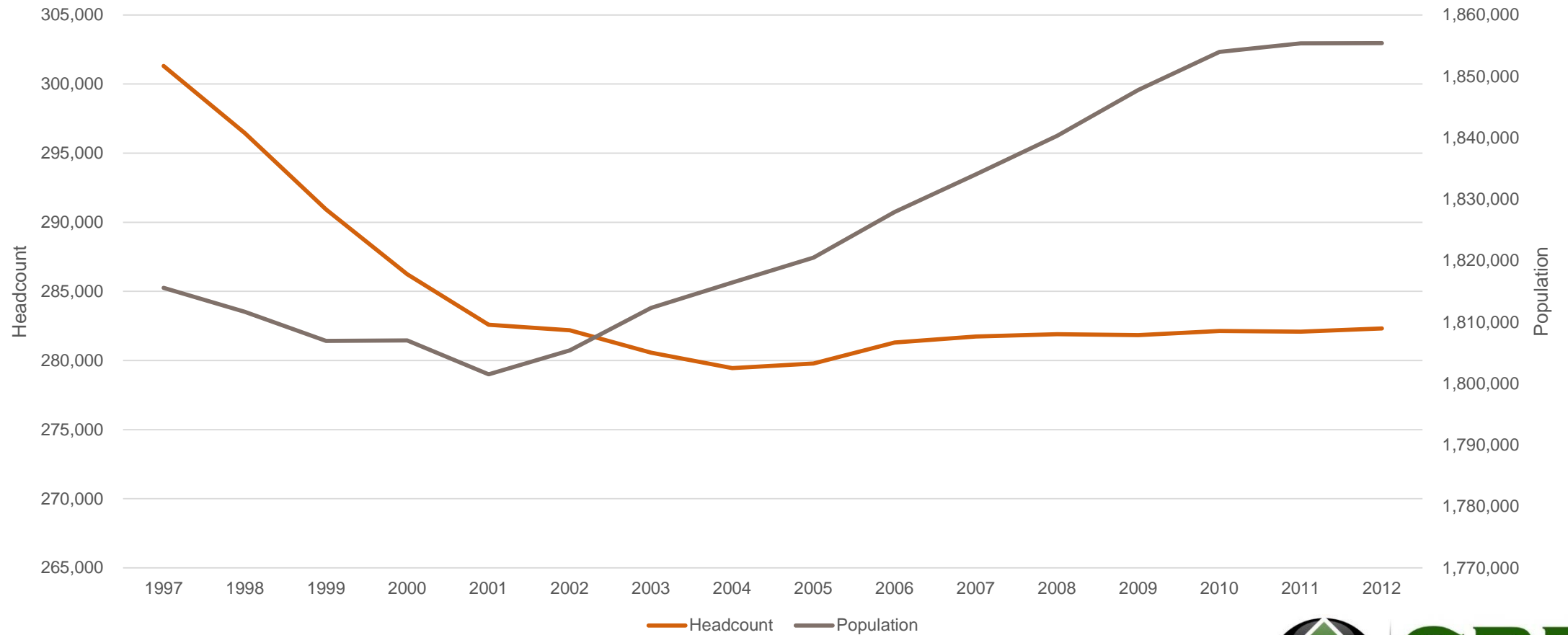
U.S. Census Bureau, 2014; U.S. Bureau of Labor Statistics (BLS), 2014; U.S. Bureau of Economic Analysis (BEA), 2014; West Virginia Department of Education, 2014; National Center for Education Statistics (NCES), 2014.

\* 2011 and comparable data are used due to data limitations with the labor force participation rate calculation.

<sup>a</sup> Data represent the 2012 5-year estimates.

<sup>b</sup> Data represent the 2011-12 school year.

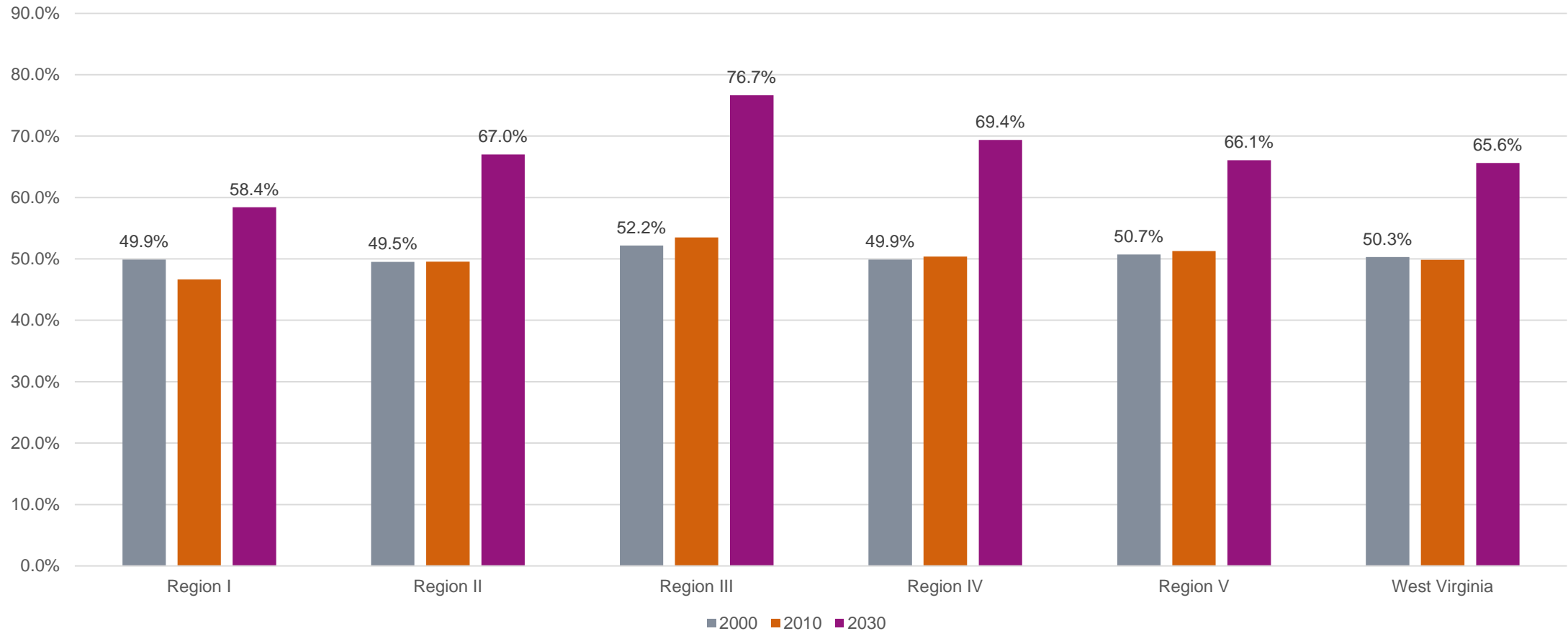
# Public Primary and Secondary Headcount



West Virginia Department of Education, 2014; U.S. Census Bureau, 2014.



# Dependency Ratio



Calculated from data collected from the U.S. Census Bureau, 2014; WVU BBER, 2014.

# Top Employers by Industry

	<i>Share 2012 Employment</i>	<i>Change 2000-2012</i>	<i>Average Annual Wage 2012</i>
<i>Health Care and Social Assistance (Sector 62)</i>	22.77%	29.36%	\$ 37,696
<i>Retail Trade (Sector 44)</i>	14.80%	-6.63%	\$ 22,595
<i>Accommodation and Food Services (Sector 72)</i>	10.73%	18.34%	\$ 13,643
<i>Manufacturing (Sector 31)</i>	8.65%	-32.44%	\$ 52,238
<i>Mining, Quarrying and Oil and Gas Extraction (Sector 21)</i>	6.33%	98.09%	\$ 73,932

# Top Occupations

	<i>Total Employees</i>	<i>Average Annual Wage</i>
<b><i>By Employment</i></b>		
<i>Office and Administrative Support</i>	112,950	\$28,740
<i>Sales and Related</i>	70,300	\$27,130
<i>Food Preparation and Serving Related</i>	65,620	\$19,410
<i>Healthcare Practitioners and Technical Occupations</i>	54,440	\$62,210
<i>Transportation and Material Moving</i>	53,720	\$32,470
<b><i>By Average Annual Wage</i></b>		
<i>Management Occupations</i>	32,880	\$78,080
<i>Architecture and Engineering Occupations</i>	7,940	\$67,100
<i>Legal Occupations</i>	6,040	\$66,160
<i>Computer and Mathematical Occupations</i>	9,220	\$62,870
<i>Healthcare Practitioners and Technical Occupations</i>	54,440	\$62,210



# Healthcare Occupations

<i>Occupation</i>	<i>U.S. Total Employment</i>	<i>U.S. Annual Average Wage</i>	<i>WV Total Employment</i>	<i>WV Annual Average Wage</i>	<i>WV Industry LQ</i>
<b><i>All Occupations</i></b>	<b>18,059,100</b>	<b>\$ 48,960</b>	<b>121,000</b>	<b>\$ 39,710</b>	
<i>Construction and Extraction</i>	17,200	\$ 49,660	210	\$ 41,240	1.82
<i>Transportation and Material Moving</i>	125,470	\$ 26,730	1,180	\$ 20,480	1.40
<i>Personal Care and Service</i>	1,650,350	\$ 21,850	14,760	\$ 18,010	1.33
<i>Building and Grounds Cleaning and Maintenance</i>	449,480	\$ 24,720	3,820	\$ 21,350	1.27
<i>Production</i>	95,070	\$ 29,020	790	\$ 24,600	1.24
<i>Installation Maintenance and Repair</i>	139,510	\$ 40,090	1,040	\$ 34,070	1.11
<i>Healthcare Practitioners and Technical</i>	6,062,210	\$ 77,210	42,740	\$ 62,640	1.05
<i>Office and Administrative Support</i>	2,739,640	\$ 33,910	18,870	\$ 27,360	1.03
<i>Sales and Related Occupations</i>	69,230	\$ 41,280	460	\$ 23,550	0.99
<i>Protective Service</i>	73,470	\$ 32,580	470	\$ 26,980	0.95
<i>Healthcare Support</i>	3,473,670	\$ 28,100	21,050	\$ 23,350	0.90
<i>Food Preparation and Serving Related Occupations</i>	529,870	\$ 23,700	3,170	\$ 21,080	0.89
<b><i>Computer and Mathematical</i></b>	<b>114,590</b>	<b>\$ 67,230</b>	<b>650</b>	<b>\$ 51,870</b>	<b>0.85</b>
<i>Community and Social Service</i>	983,290	\$ 39,590	5,140	\$ 32,730	0.78
<b><i>Management</i></b>	<b>637,220</b>	<b>\$ 93,490</b>	<b>3,270</b>	<b>\$ 77,070</b>	<b>0.77</b>
<b><i>Business and Financial Operations</i></b>	<b>281,730</b>	<b>\$ 58,550</b>	<b>1,350</b>	<b>\$ 50,930</b>	<b>0.72</b>
<b><i>Life Physical and Social Science</i></b>	<b>97,690</b>	<b>\$ 74,110</b>	<b>440</b>	<b>\$ 55,850</b>	<b>0.67</b>
<i>Arts Design Entertainment Sports and Media</i>	35,240	\$ 49,150	110	\$ 40,820	0.47
<i>Education Training and Library</i>	473,150	\$ 31,410	1,440	\$ 23,830	0.45
<i>Legal</i>	4,530	\$ 104,090	*	\$ 104,220	-
<i>Architecture and Engineering</i>	5,280	\$ 71,100	*	\$ 65,210	-



# Mining Occupations

<i>Occupation</i>	<i>U.S. Total Employment</i>	<i>U.S. Annual Average Wage</i>	<i>WV Total Employment</i>	<i>WV Annual Average Wage</i>	<i>WV Industry LQ</i>
<b>All Occupations</b>	<b>807,130</b>	<b>\$ 61,690</b>	<b>31,960</b>	<b>\$ 51,970</b>	
<i>Protective Service</i>	1,210	\$ 32,200	150	\$ 32,510	3.13
<i>Transportation and Material Moving</i>	112,740	\$ 44,020	6,790	\$ 46,180	1.52
<i>Construction and Extraction</i>	323,980	\$ 48,550	16,780	\$ 52,030	1.31
<i>Building and Grounds Cleaning and Maintenance</i>	1,970	\$ 26,920	90	\$ 22,880	1.15
<i>Installation Maintenance and Repair</i>	62,920	\$ 50,680	2,780	\$ 48,990	1.12
<i>Healthcare Practitioners and Technical Occupations</i>	4,500	\$ 71,490	150	\$ 64,720	0.84
<b>Management</b>	<b>46,420</b>	<b>\$ 140,500</b>	<b>1,160</b>	<b>\$ 97,800</b>	<b>0.63</b>
<i>Office and Administrative Support</i>	62,190	\$ 39,570	1,520	\$ 33,770	0.62
<i>Production</i>	57,560	\$ 49,280	1,160	\$ 44,550	0.51
<i>Sales and Related</i>	10,930	\$ 78,430	150	\$ 74,110	0.35
<b>Business and Financial Operations</b>	<b>33,550</b>	<b>\$ 80,990</b>	<b>370</b>	<b>\$ 64,020</b>	<b>0.28</b>
<i>Architecture and Engineering</i>	49,890	\$ 119,310	550	\$ 78,370	0.28
<i>Life Physical and Social Science</i>	23,560	\$ 106,270	210	\$ 57,370	0.23
<i>Computer and Mathematical</i>	9,970	\$ 94,860	30	\$ 69,010	0.08
<i>Education Training and Library</i>	(8)-	\$ 83,780	-	-	0.00
<i>Legal</i>	4,000	\$ 115,330	-	-	0.00
<i>Arts Design Entertainment Sports and Media</i>	620	\$ 66,350	-	-	0.00
<i>Farming Fishing and Forestry</i>	340	\$ 41,550	-	-	0.00
<i>Personal Care and Service</i>	50	\$ 39,790	-	-	0.00





# Oil and Gas vs Coal Mining

Occupation	U.S. Total Employment	U.S. Annual Average Wage	WV Total Employment	WV Annual Average Wage	WV Industry LQ	U.S. Total Employment	U.S. Annual Average Wage	WV Total Employment	WV Annual Average Wage	WV Industry LQ
<b>All Occupations</b>	192,650	\$91,410	2,390	\$45,900		80,030	\$54,390	\$21,270	\$54,140	
Transportation and Material Moving	14,620	\$50,430	880	\$42,170	4.85	17,800	\$48,380	\$4,790	\$48,210	1.01
Construction and Extraction	32,660	\$53,490	680	\$38,610	1.68	38,600	\$53,060	\$11,660	\$55,210	1.14
Installation Maintenance and Repair	6,050	\$57,520	100	\$48,950	1.33	11,210	\$53,430	\$2,090	\$51,110	0.70
<b>Production</b>	<b>12,440</b>	<b>\$63,530</b>	<b>150</b>	<b>\$47,510</b>	<b>0.97</b>	<b>3,770</b>	<b>\$53,700</b>	<b>\$680</b>	<b>\$47,440</b>	<b>0.68</b>
Office and Administrative Support	22,270	\$43,580	240	\$33,310	0.87	2,530	\$40,210	\$660	\$37,280	0.98
<b>Management</b>	<b>22,060</b>	<b>\$160,790</b>	<b>140</b>	<b>\$89,680</b>	<b>0.51</b>	<b>2,230</b>	<b>\$115,900</b>	<b>\$500</b>	<b>\$110,680</b>	<b>0.84</b>
Architecture and Engineering	30,020	\$141,340	70	\$83,970	0.19	1,770	\$73,950	\$330	\$70,660	0.70
Business and Financial Operations	21,240	\$85,400	30	\$59,310	0.11	840	\$67,490	\$120	\$66,980	0.54
Life Physical and Social Science	14,500	\$127,360	-	-	0	180	\$47,450	\$60	\$36,320	1.25
Legal	3,590	\$114,430	-	-	0	-	-	-	-	0
Computer and Mathematical	7,530	\$97,940	-	-	0	90	\$69,010	-	-	0
Sales and Related	3,080	\$86,310	-	-	0	-	-	-	-	0
Healthcare Practitioners and Technical Occupations	1,080	\$85,510	-	-	0	-	-	-	-	0
Arts Design Entertainment Sports and Media	200	\$65,910	-	-	0	*	\$34,720	-	-	0
Education Training and Library	40	\$56,150	-	-	0	-	-	-	-	0
Farming Fishing and Forestry	200	\$42,630	-	-	0	-	-	-	-	0
Protective Service	280	\$37,750	-	-	0	240	\$29,950	\$150	\$32,510	2.35
Food Preparation and Serving Related Occupations	230	\$26,830	-	-	0	-	-	-	-	0
Building and Grounds Cleaning and Maintenance	530	\$25,110	-	-	0	150	\$30,670	\$60	\$24,580	1.51

# Thank you

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