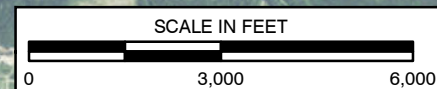
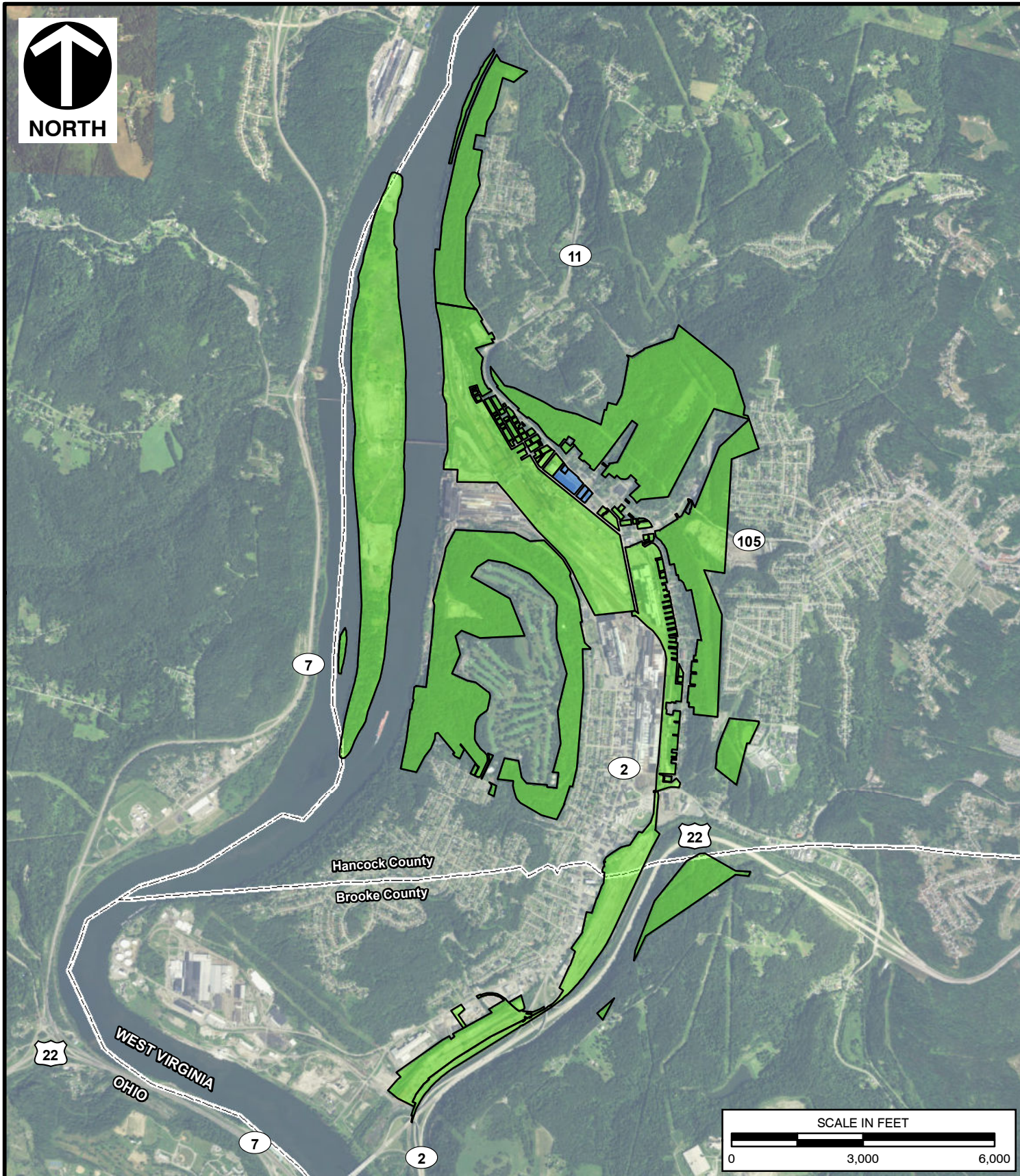


APPENDIX A
MAP OF 1300 AC. SURPLUS LAND

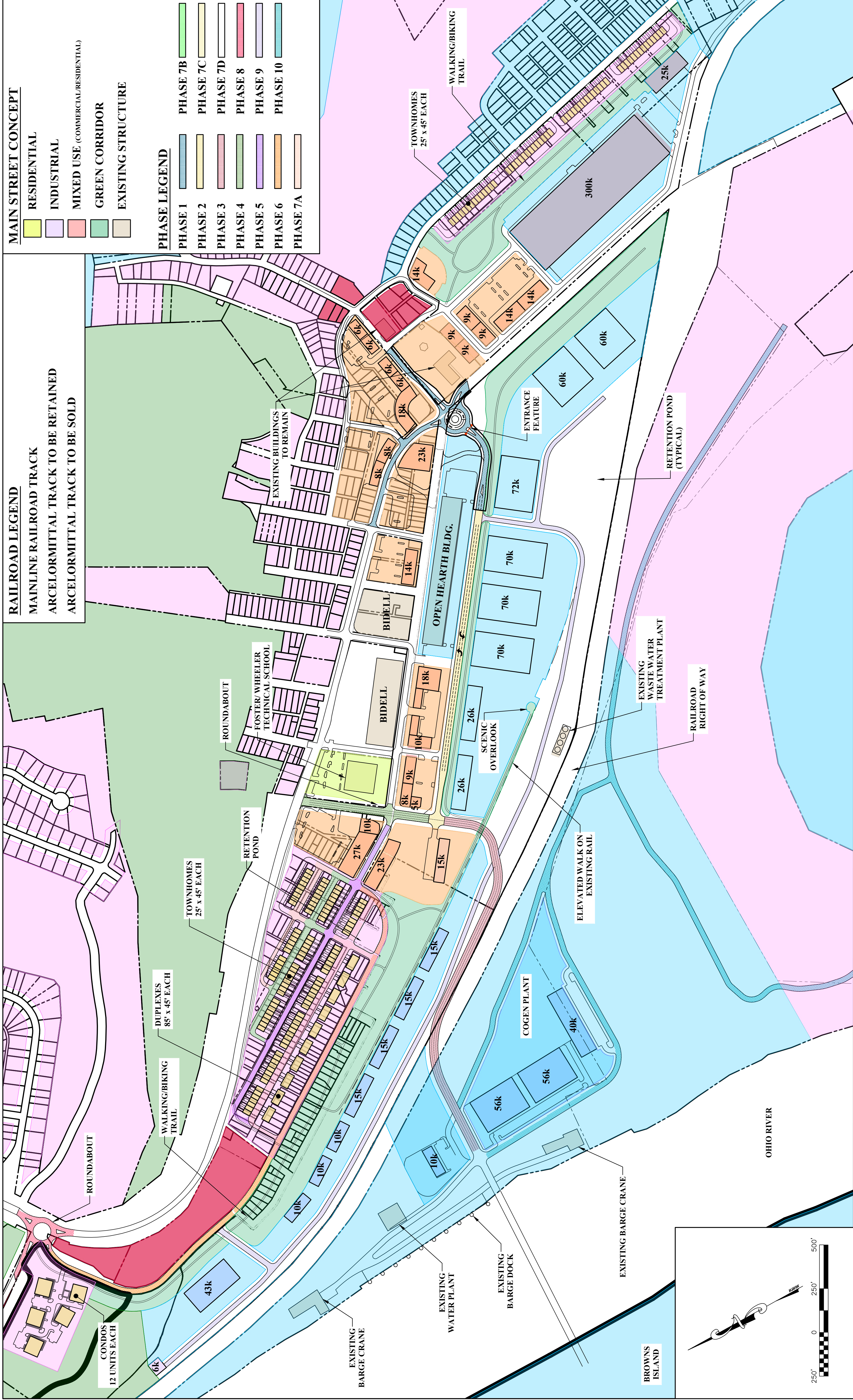


LEGEND

-  PROPERTY OWNED BY MINGO JUNCTION STEEL WORKS, LLC
-  PROPERTY OWNED BY BUSINESS DEVELOPMENT CORPORATION OF THE NORTHERN PANHANDLE
-  COUNTY/STATE BOUNDARY

EXHIBIT A

APPENDIX B
FRONTIER CROSSING FINAL CONCEPT



RAILROAD LEGEND

- MAINLINE RAILROAD TRACK
ARCELOMITTAL TRACK TO BE RETAINED
ARCELOMITTAL TRACK TO BE SOLD

MAIN STREET CONCEPT

- RESIDENTIAL**
INDUSTRIAL
MIXED USE (COMMERCIAL/RESIDENTIAL)
GREEN CORRIDOR
EXISTING STRUCTURE

PHASE LEGEND

- | | |
|----------|----------|
| PHASE 1 | PHASE 7B |
| PHASE 2 | PHASE 7C |
| PHASE 3 | PHASE 7D |
| PHASE 4 | PHASE 8 |
| PHASE 5 | PHASE 9 |
| PHASE 6 | PHASE 10 |
| PHASE 7A | |

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THRASHER
300 ASSOCIATION DRIVE
CHARLESTON, WV 25311
www.thrashereng.com

PHONE (304)-343-7601
FAX (304)-343-7604

PHASE No.
CONTRACT No.
PROJECT No.
101-030-3363

WEIRTON REUSE PLAN
WEIRTON, WEST VIRGINIA
HANCOCK AND BROOKE COUNTIES
AREAS C,D,M,A
CONCEPTUAL SITE PLAN

SHEET No.	1
-----------	---

APPENDIX C
RED SUMMIT FLYER

WEIRTON FRONTIER CROSSINGS



At The Crossroads of the Manufacturing, Energy, Petro-Chemical, and Transportation Economy

- Over 1,000 acres available for development
- Flat parcels available from 1 acre to 100+ acres
- On-site multi-modal transportation center (river, rail, highway)
- \$78 billion of regional energy investment
- Access to Weirton and Pittsburgh labor markets
- On-site Training and Employment Center
- Thirty minutes to Pittsburgh International Airport

QUESTIONS?

FEEL FREE TO CONTACT US.

Frontier Group of Companies | Rob Zuchlewski, Chief Operating Officer | 716-447-7587 | rzuchlewski@fic-services.com

WEIRTON FRONTIER CROSSINGS



Areas C, D, M, N, O : Main Street



Area B: Browns Island

The Crossing Advantages

- Plentiful and low cost supply of natural gas and natural gas liquids
- Lower transportation costs for natural gas and feedstocks
- Regional energy infrastructure
- Unlimited raw river water
- Wastewater treatment available
- Transportation flexibility (river, rail, truck)
- Proximate utility connections
- Labor availability – Weirton and Pittsburgh
- One day drive to plastic production markets and U.S. and Canadian consumer markets
- Join other local & international companies in manufacturing, energy, petrochemical, and transportation
- Low cost of living with the educational, recreational, and cultural opportunities of the Greater Pittsburgh market

Weirton Plan Areas

Weirton, WV



THRASHER
ARCHITECTURE | ENGINEERING | FIELD SERVICES



Three Springs Park Drive

- Light Manufacturing / Retail Area A & B -

Weirton, WV

- Conceptual Site Plan -



1 - Building - 60,000 SF
2 - Building - 32,000 SF
3 - Building - 20,000 SF
4 - Building - 30,000 SF

5 - Building - 60,000 SF
6 - Building - 20,000 SF
7 - Building - 20,000 SF
8 - Restaurant - 7,500 SF

9 - Restaurant - 5,500 SF
10 - Retail Building - 20,000 SF
11 - Retail Building - 20,000 SF
12 - Conference Center - 22,000 SF

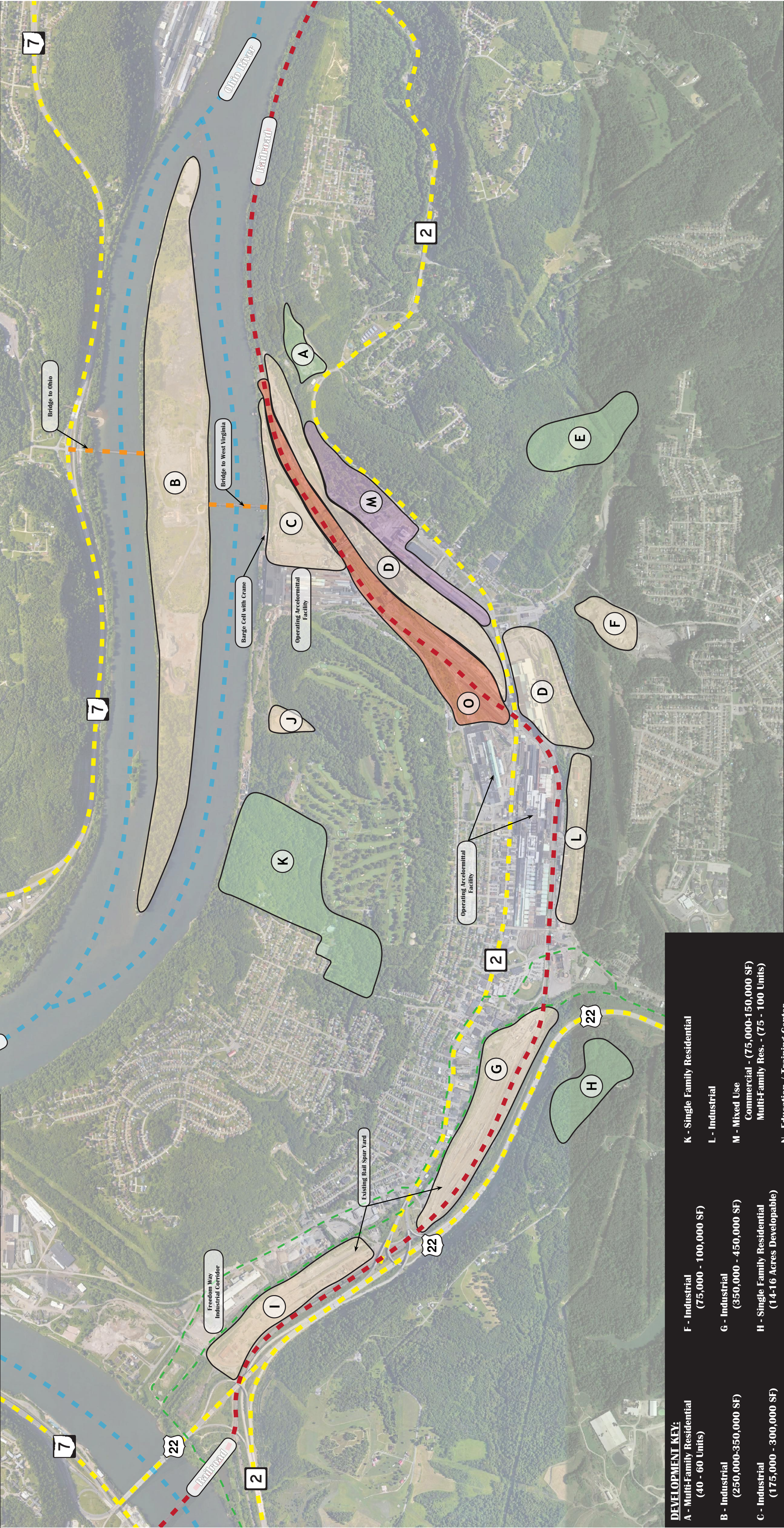
13 - Hotel - 11,500 SF



Weirton Reuse Master Plan
- Potential Development Diagram -
Weirton, WV

LEGEND:

- Rail Access Corridor
- Water Access Corridor
- Major Transportation Corridor
- Bridge Access



DEVELOPMENT KEY:				
A - Multi-Family Residential (40 - 60 Units)	F - Industrial (75,000 - 100,000 SF)	K - Single Family Residential		
B - Industrial (250,000-350,000 SF)	G - Industrial (350,000 - 450,000 SF)	L - Industrial		
C - Industrial (175,000 - 300,000 SF)	H - Single Family Residential (14-16 Acres Developable)	M - Mixed Use Commercial - (75,000-150,000 SF) Multi-Family Res. - (75 - 100 Units)		
D - Industrial (450,000 - 650,000 SF)	I - Industrial (300,000 - 400,000 SF)	N - Education / Training Center		
E - Single or Multi-Family Residential (18 - 20 Acres Developable)	J - Industrial	O - Multimodal / Rail Transportation Center		

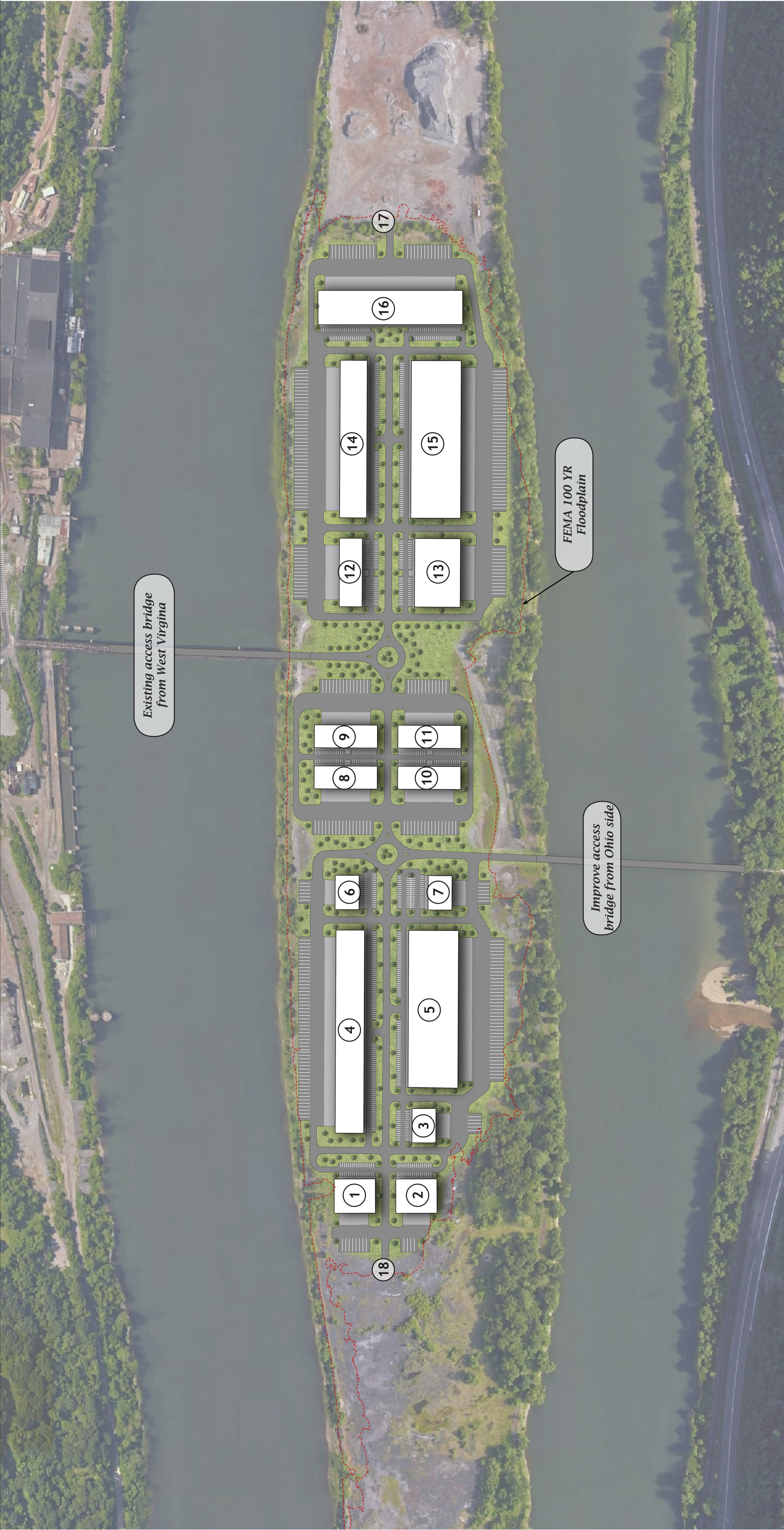


Weirton Re-Use Master Plan

- Area B : Browns Island -

Weirton, WV

- Conceptual Site Plan -



1 - Building - 27,000 SF	5 - Building - 150,000 SF	9 - Building - 27,000 SF	13 - Building - 60,000 SF	17 - Access to laydown
2 - Building - 27,000 SF	6 - Building - 15,000 SF	10 - Building - 27,000 SF	14 - Building - 80,000 SF	18 - Access to laydown
3 - Building - 15,000 SF	7 - Building - 15,000 SF	11 - Building - 27,000 SF	15 - Building - 150,000 SF	
4 - Building - 111,000 SF	8 - Building - 27,000 SF	12 - Building - 30,00 SF	16 - Building - 95,00 SF	



Weirton Re-Use Master Plan
- Areas C, D, M, N, O : Main Street -
Weirton, WV

- Conceptual Site Plan -



- Industrial
- Residential
- Mixed Use (Commercial/Residential)



Weirton Re-Use Master Plan

- Area F -
Weirton, WV

- Conceptual Site Plan -



- 1 - Building - 100,000 SF
- 2 - Building - 100,000 SF
- 3 - Building - 30,000 SF
- 4 - Truck Loading

ISG
Weirton INC.

Starvaggi
Industries INC.



Weirton Re-Use Master Plan
- Area G -
Weirton, WV

- Conceptual Site Plan -



- 1 - Building - 5,000 SF
- 2 - Building - 5,000 SF
- 3 - Building - 5,000 SF
- 4 - Building - 15,000 SF
- 5 - Building - 40,000 SF
- 6 - Building - 50,000 SF
- 7 - Building - 50,000 SF
- 8 - Building - 50,000 SF
- 9 - Building - 25,000 SF
- 10 - Building - 120,000 SF
- 11 - Building - 12,000 SF
- 12 - Loading / Rail Access

13 - Rail Spur Yard



Weirton Re-Use Master Plan
- Area I -
Weirton, WV

- Conceptual Site Plan -



- 1 - Building - 25,000 SF
- 2 - Building - 25,000 SF
- 3 - Building - 40,000 SF
- 4 - Building - 40,000 SF
- 5 - Building - 30,000 SF
- 6 - Building - 30,000 SF
- 7 - Building - 30,000 SF
- 8 - Building - 30,000 SF
- 9 - Building - 30,000 SF
- 10 - Building - 120,000 SF
- 11 - Loading / Rail Access
- 12 - Rail Spur Yard



Weirton Re-Use Master Plan

- Area J -
Weirton, WV

- Conceptual Site Plan -

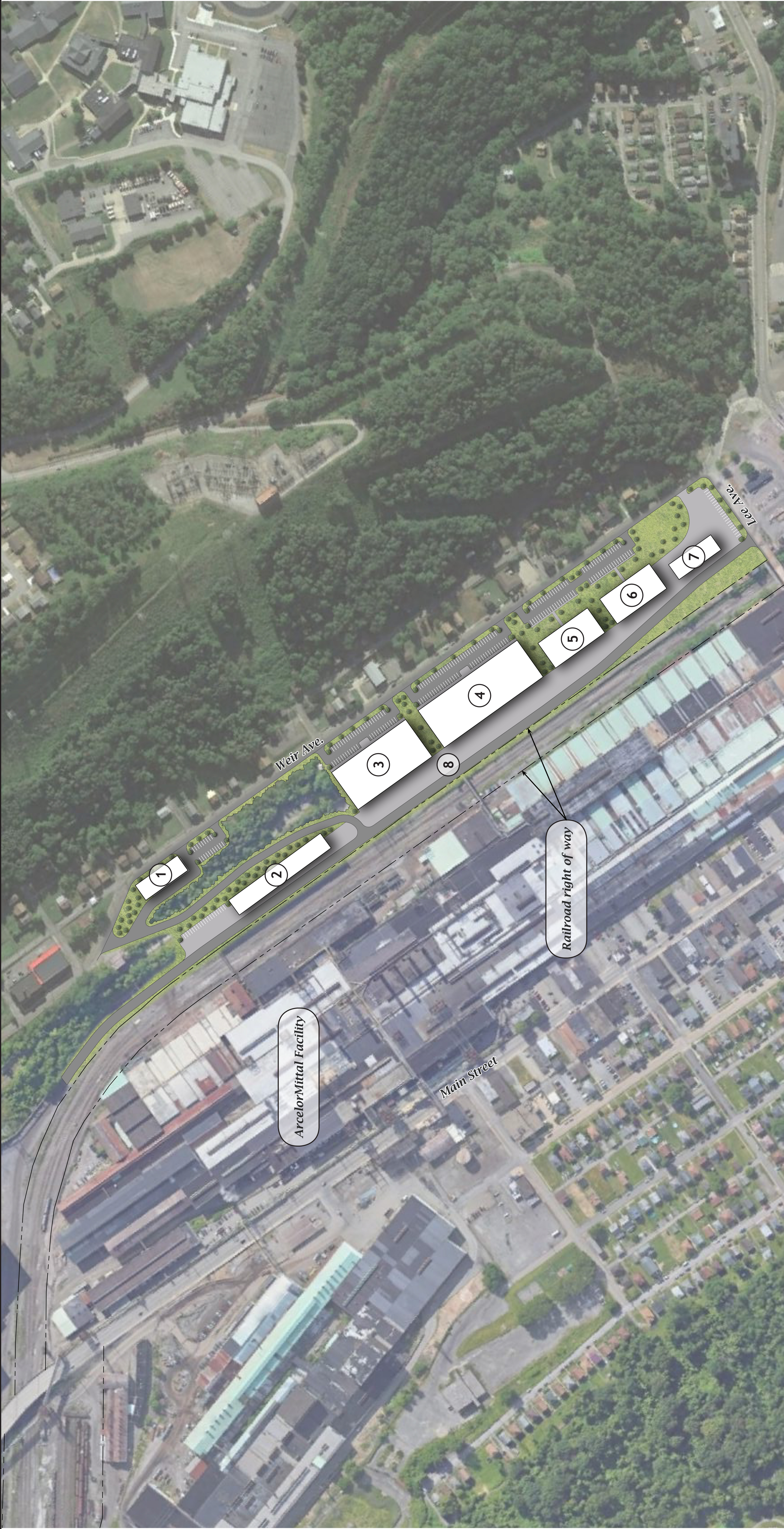


- 1 - Building - 25,000 SF
- 2 - Building - 25,000 SF
- 3 - Building - 40,000 SF



Weirton Re-Use Master Plan
- Area L -
Weirton, WV

- Conceptual Site Plan -

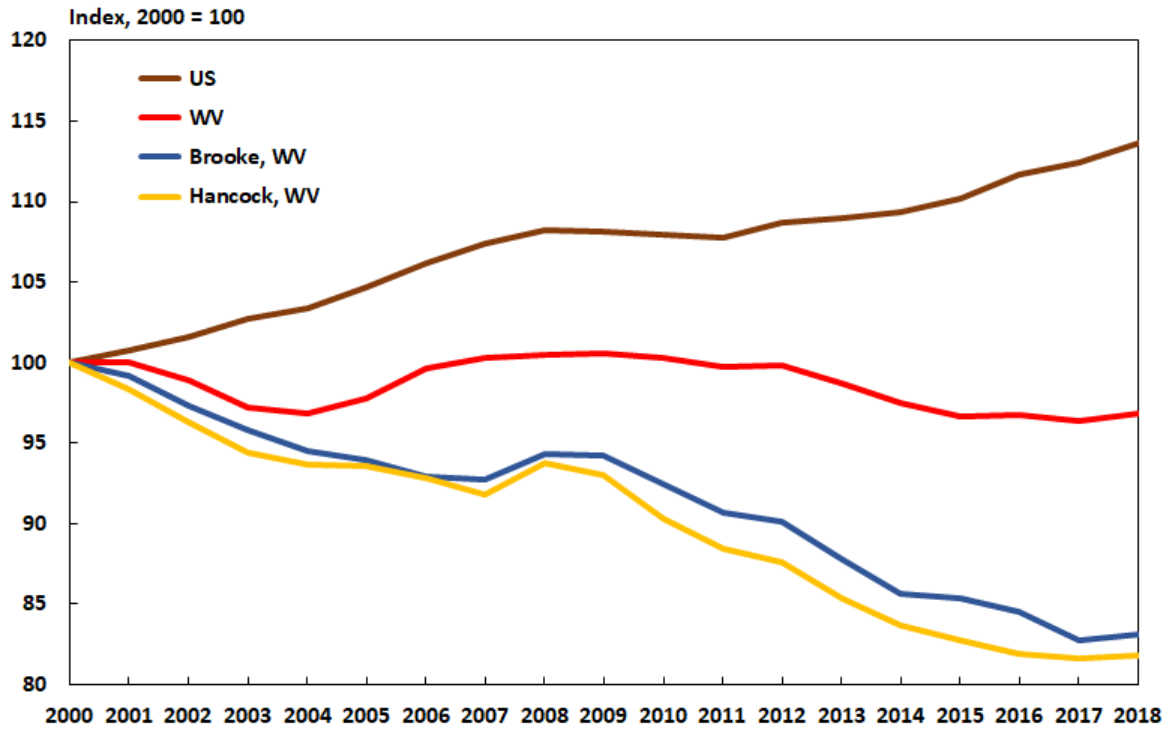


- 1 - Building - 10,000 SF
- 2 - Building - 22,000 SF
- 3 - Building - 45,000 SF
- 4 - Building - 60,000 SF
- 5 - Building - 20,000 SF
- 6 - Building - 20,000 SF
- 7 - Building - 10,000 SF
- 8 - Loading / Rail Access



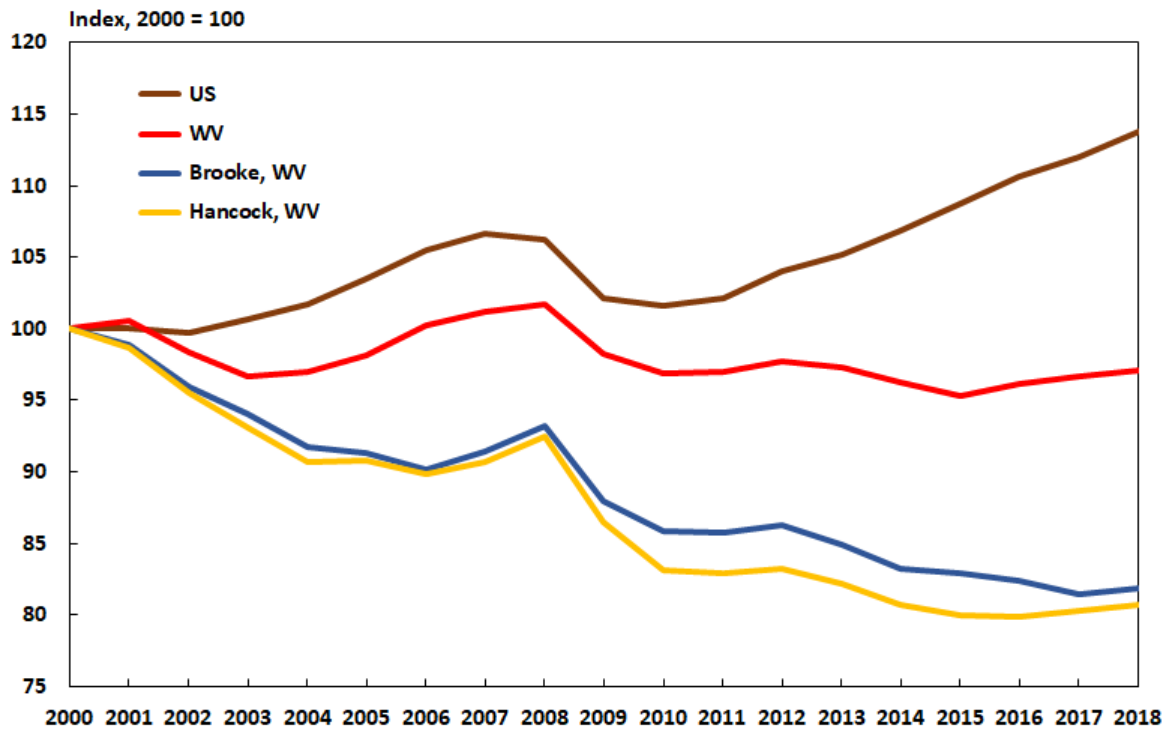
APPENDIX D
EMPLOYMENT TRENDS WV vs US

Figure 1: Total Labor Force



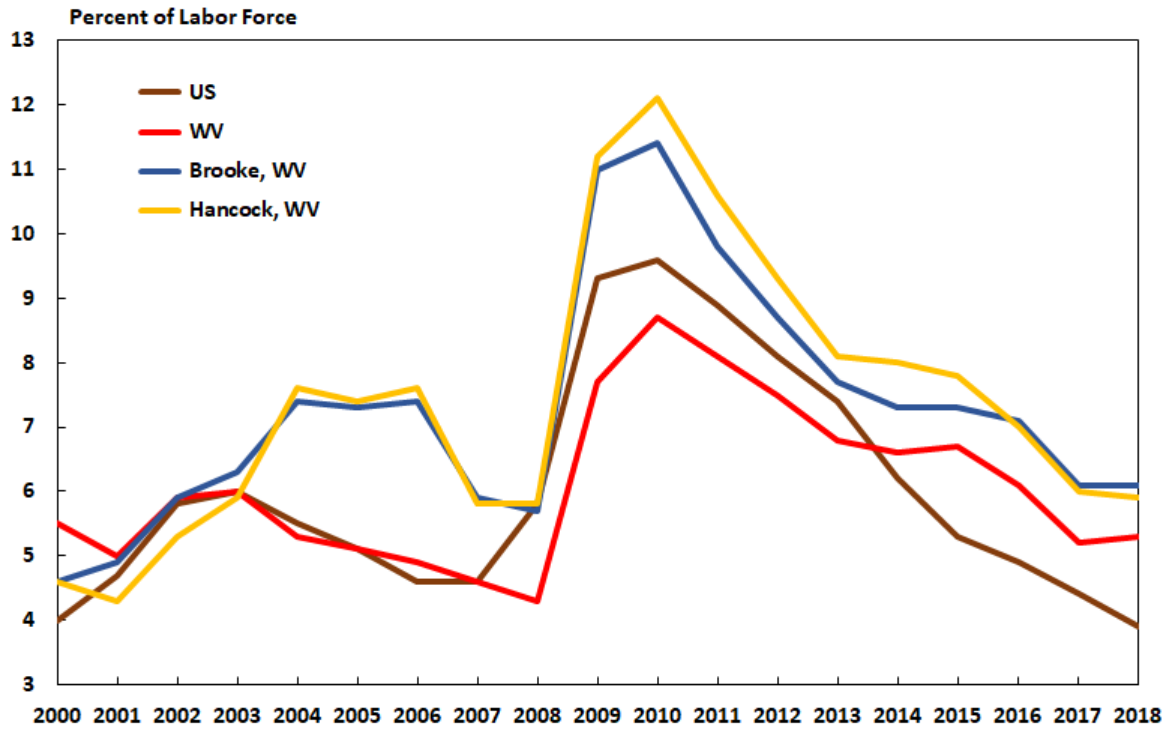
Source: Bureau of Labor Statistics

Figure 2: Total Employed



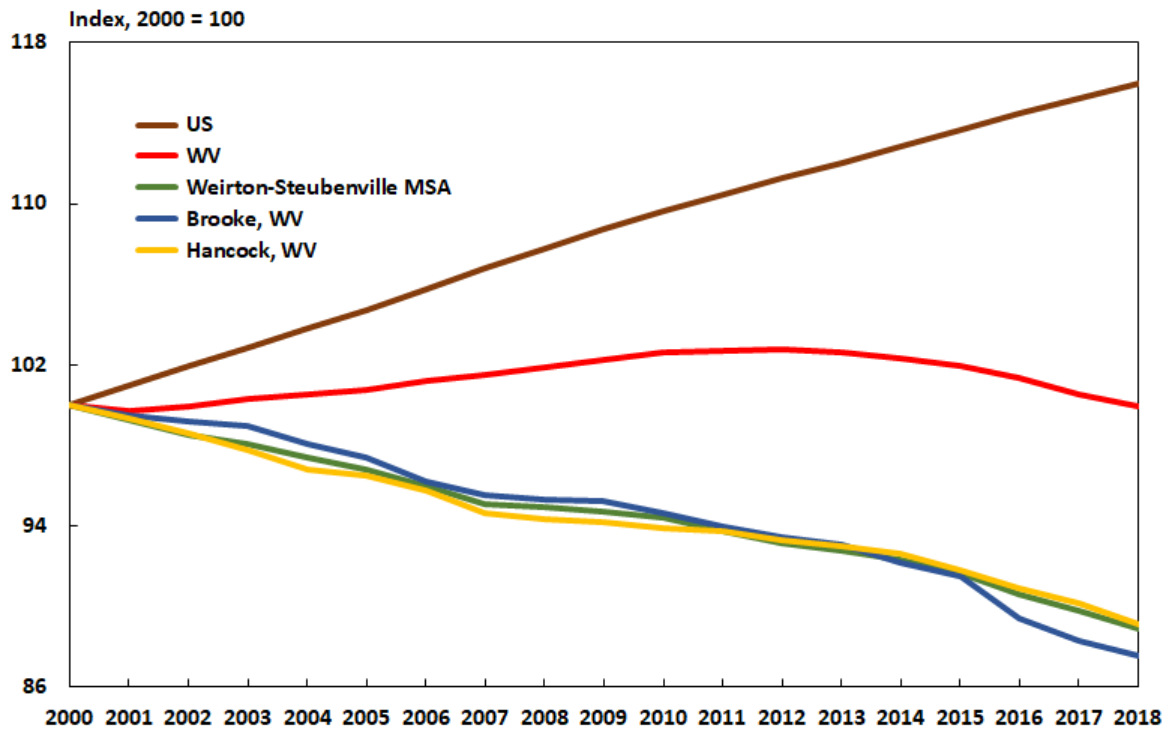
Source: Bureau of Labor Statistics

Figure 3: Unemployment Rate



Source: Bureau of Labor Statistics

Figure 4: Total Population



Source: 2000s Intercensal Population and 2018 Population Estimates, US Census Bureau

Figure 5: Prime-Age Population, 25-54 Years Old

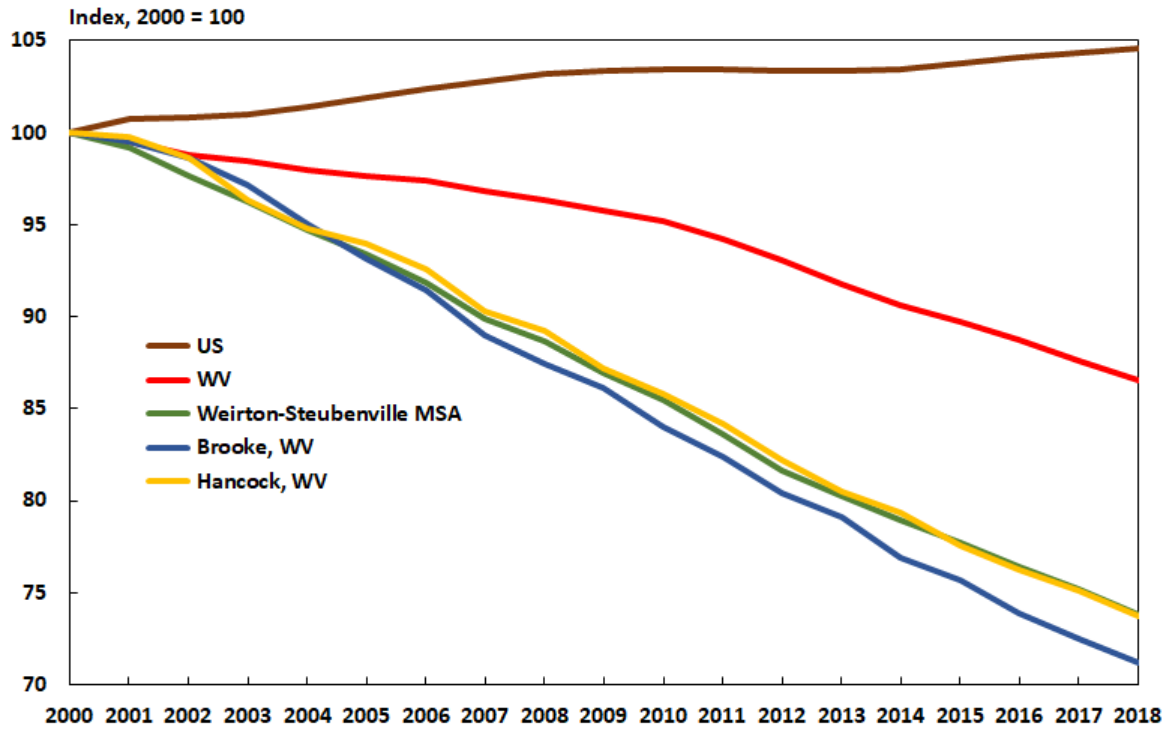


Figure 6: Elderly Population, 65 Years or Older

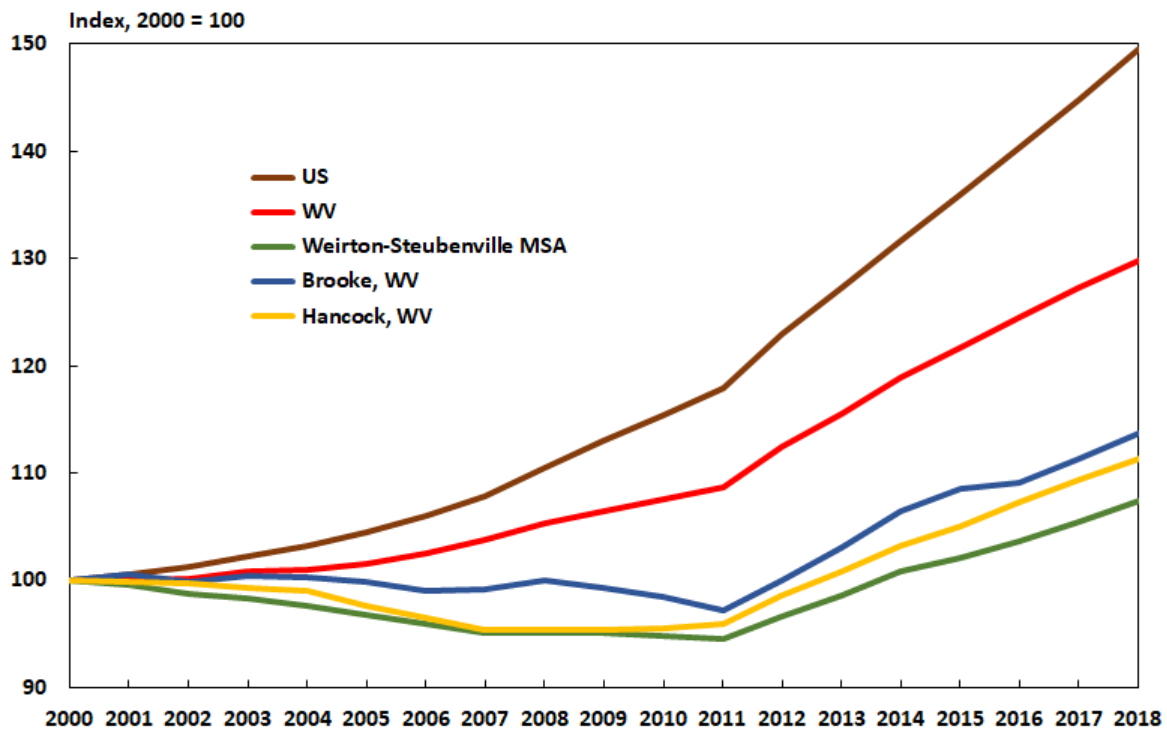
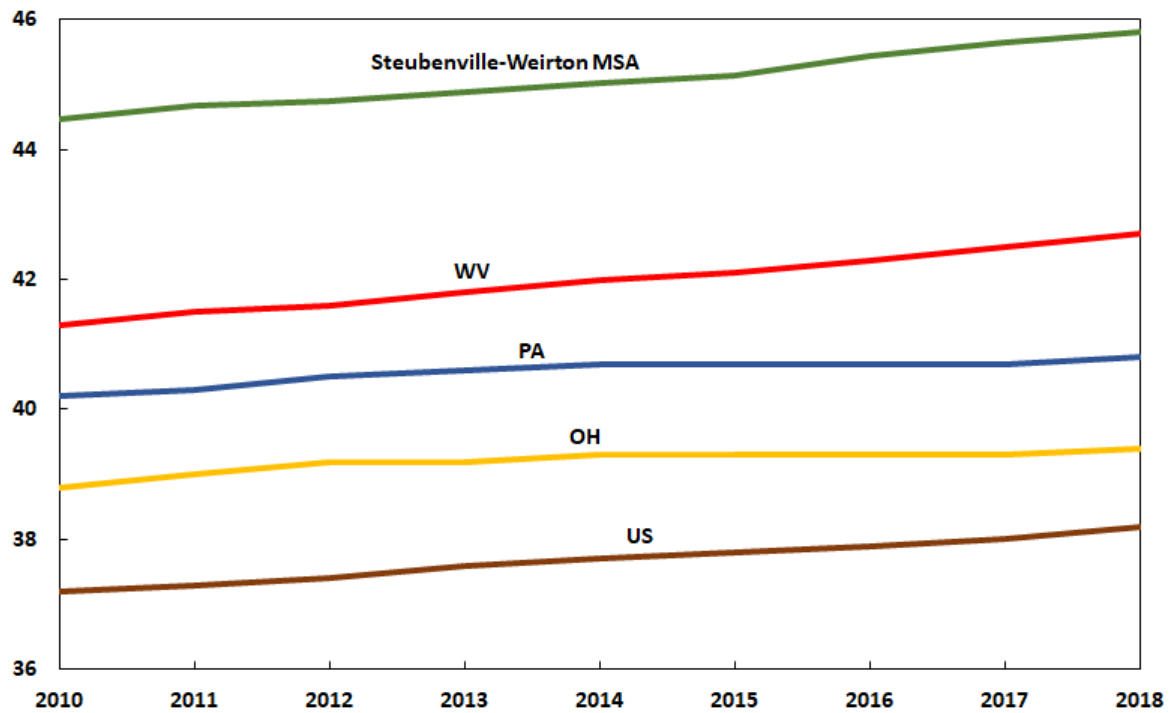
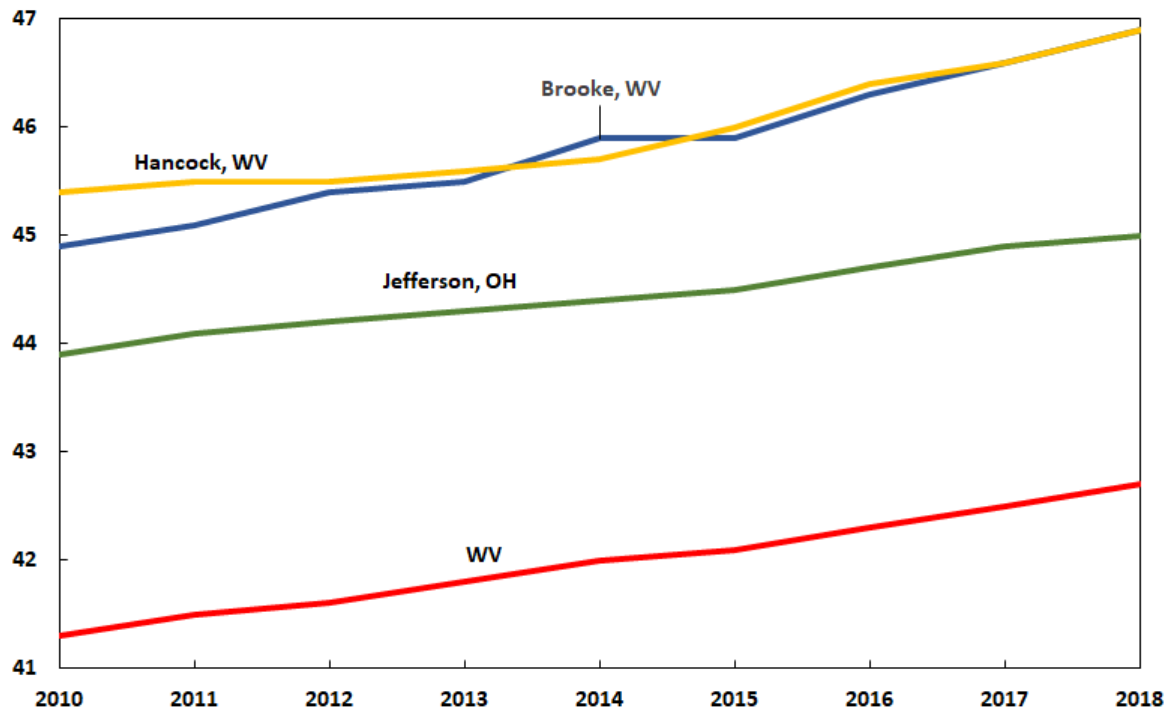


Figure 7: Median Age, Select States



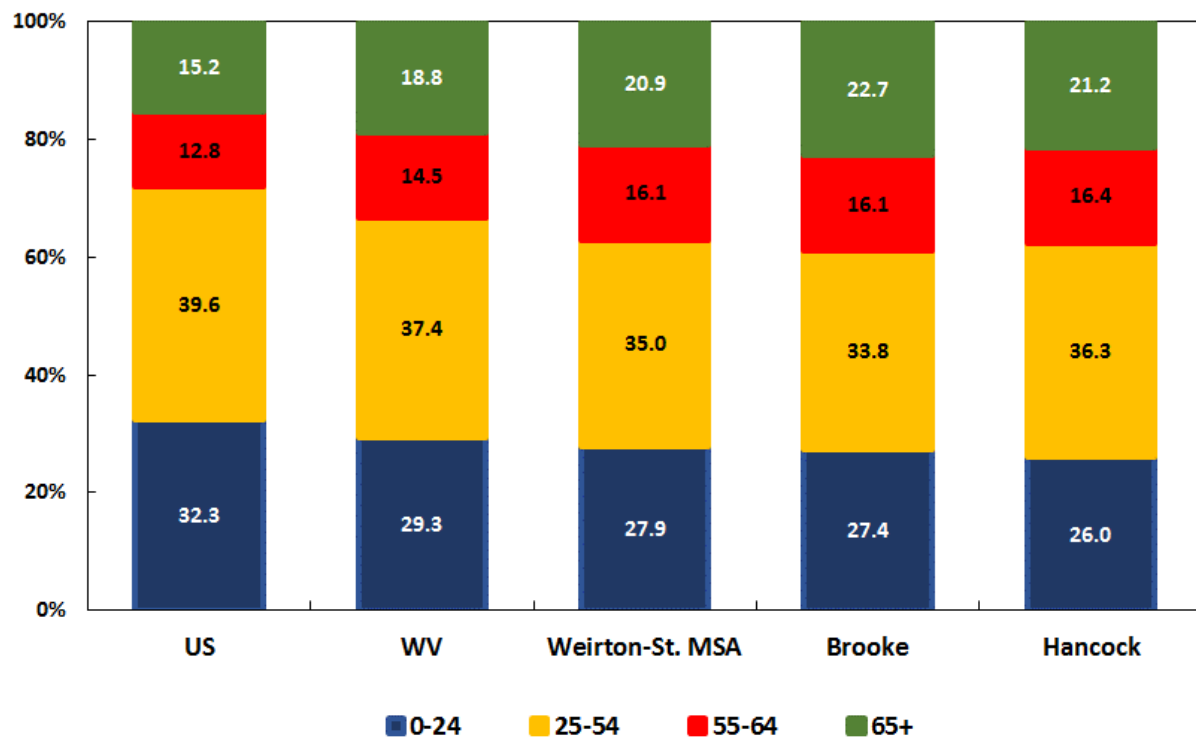
Source: 2018 Population Estimates, US Census Bureau, and authors' calculations.

Figure 8: Median Age, Select Counties



Source: 2018 Population Estimates, US Census Bureau

Figure 9: Population Share in Four Age Groups, 2016



Source: 2016 Population Estimates, US Census Bureau

Figure 10: Population Share in Nine Age Groups, 2016

Age Group	US	WV	Weirton-St. MSA	Brooke	Hancock
0-9	12.5	11.2	10.0	8.8	10.1
10-19	12.9	11.7	11.7	11.7	11.0
20-29	14.0	12.6	11.8	12.1	10.2
30-39	13.2	11.9	10.3	9.9	10.9
40-49	12.6	12.5	12.2	11.9	13.1
50-59	13.6	14.2	15.1	14.9	15.2
60-69	11.2	13.8	15.1	15.6	15.6
70-79	6.2	7.8	8.3	8.8	8.2
80+	3.8	4.4	5.5	6.3	5.7
Total	100.0	100.0	100.0	100.0	100.0

Source: 2016 Population Estimates, US Census Bureau

APPENDIX E

POOL OF UNEMPLOYMENT

Weirton Metro Area Employment in the Trades

Occupation Code	Title	Employment	Employment Per 1,000 jobs	Location Quotient
47-0000	Construction and Extraction	1,520	40.727	1.01
47-1011	First Line Supervisors	130	3.487	0.089
	Boilermakers			
	Brick/Block Masons			
47-2031	Carpenters	130	3.487	0.71
	Cement Mason			
47-2073	Operating Engineers	160	4.328	1.69
47-2111	Electricians	280	7.383	1.67
47-2152	Plumbers, Pipefitters, Steamfitters	210	5.512	1.83
47-2221	Structural Iron and Steel Workers			
47-4011	Construction and Building Inspectors			
47-4051	Hazardous Material Workers			
47-4051	Highway Maintenance	100	2.644	2.57
47-5012	Rotary Drill Operators - Oil and Gas			
47-5013	Service Unit Operators - Oil and Gas			
47-5021	Earth Drillers - Except Oil and Gas			
47-5071	Roustabouts - Oil and Gas			
47-5081	Helpers- Extraction Workers			
49-0000	Installation/Repair/Main.	1,800	48.255	1.24
49-1011	Supervisors of Mechanics	120	3	1.03
49-2022	Telecommunications	100	2634	1.61
49-9021	HVAC Mechanics	70	1.801	0.84
49-9041	Industrial Machinery Mechanics	230	6.065	2.53
	Maintenance Workers - Machinery			
49-9071	Maintenance and Repair	490	13.034	1.38
51-2041	Helpers - Maintenance & Repair	30	0.0862	1.1
51-0000	Production Workers	3,680	98.913	1.56
51-1011	First Line Supervisors	310	8	1.94
51-2028	Electro Mechanical Assemblers			
51-2041	Structural Metal	30	0.851	1.56
	Fabricators and Fitters			
51-2098	Assemblers and Fabricators	170	4.486	0.49
51-4011	Computer Controlled Machine Oper.			
51-4012	Computer Numerically controlled			
51-4023	Rolling Machine Setters	40	1.152	6.41
	Metal and Plastic			
51-4031	Cutting-Punching Machine Setters	100	2.768	2.09
	Metal and Plastic			
51-4041	Machinists			
51-4072	Molding Casting	140	3.691	3.4
	Metal and Plastic			
51-4111	Tool and Dye Makers			
51-4121	Welders, Cutters	110	2.867	1.08
51-4193	Plating, Coating Machine Setters	110	2.87	11
	Metal and Plastic			
51-8013	Power Plant Operators	170	4.43	18.48
51-8031	Water and Waste Water Treatment Plant & Operators	160	4.199	5.1
51-8092	Gas Plant Operators			
51-9011	Chemical Equipment operators			
51-9012	Filtering Equipment Operators			
51-9061	Inspectors, Testors	130	3.506	0.093
51-9121	Coating Painter Machine Operators	130	3.375	5.58
51-9195	Molders, Shapers, Caster exc. Metal and plastic			
51-9198	Helpers-Production Workers	210	5.657	2.01
53-0000	Transportation and Material Moving Occupations	2,910	78	1.11
53-1048	First Line Supervisors	100	2.585	0.93
53-3032	Heavy Tractor Trailer Drivers	500	13.448	1.1
53-3033	Light Truck and Delivery	190	5.163	0.84
53-7021	Crane and Tower Operators	50	1.444	4.72
53-7051	Industrial Truck Opeators	160	4.177	1.04
53-7062	Laborers and Material Movers	390	10.384	0.055
53-7071	Gas Compressor Operators			
53-7073	Wellhead Pumps			
TOTALS		9,910	266	

Pittsburgh Metro Area Employment in the Trades

Occupation Code	Title	Employment	Employment Per 1,000 jobs	Location Quotient
47-0000	Construction and Extraction	15,042	44	1.1
47-1011	First Line Supervisors	1,455	4	1.1
	Boilermakers	93	0.3	2.64
	Brick/Block Masons	246	0.7	1.59
47-2031	Carpenters	1,818	5	1.1
	Cement Mason	402	1	0.94
47-2073	Operating Engineers	1,470	4	1.69
47-2111	Electricians	1,185	4	0.79
47-2152	Plumbers, Pipefitters, Steamfitters	1,131	3	1.11
47-2221	Structural Iron and Steel Workers	132	0.4	0.74
47-4011	Construction and Building Inspectors	438	1	1.86
47-4051	Hazardous Material Workers	120	0.4	1.16
47-4051	Highway Maintenance	618	2	1.77
47-5012	Rotary Drill Operators - Oil and Gas	124	0.3	2.53
47-5013	Service Unit Operators - Oil and Gas	316	0.7	2.52
47-5021	Earth Drillers - Except Oil and Gas	60	0.1	1.1
47-5071	Roustabouts - Oil and Gas	264	0.6	1.72
47-5081	Helpers- Extraction Workers	152	0.3	3.1
49-0000	Installation/Repair/Main.	13,425	39	1.1
49-1011	Supervisors of Mechanics	1,086	3	0.99
49-2022	Telecommunications	399	1	0.71
49-9021	HVAC Mechanics	828	2	1.13
49-9041	Industrial Machinery Mechanics	714	2	0.88
	Maintenance Workers - Machinery	525	2	2.63
49-9071	Maintenance and Repair	3,174	9	0.99
51-2041	Helpers - Maintenance & Repair	210	0.6	0.79
51-0000	Production Workers	17,442	51	0.81
51-1011	First Line Supervisors	1,353	4	0.93
51-2028	Electro Mechanical Assemblers	861	3	1.38
51-2041	Structural Metal Fabricators and Fitters	219	0.6	1.18
51-2098	Assemblers and Fabricators	1,557	5	0.5
51-4011	Computer Controlled Machine Oper.	1,980	2	1.72
51-4012	Computer Numerically controlled	57	0.2	1.01
51-4023	Rolling Machine Setters Metal and Plastic	174	0.5	2.84
51-4031	Cutting-Punching Machine Setters Metal and Plastic	402	0.89	
51-4041	Machinists	1,248	4	1.38
51-4072	Molding Casting Metal and Plastic	246	0.7	0.67
51-4111	Tool and Dye Makers	216	0.6	1.23
51-4121	Welders, Cutters	885	3	0.98
51-4193	Plating, Coating Machine Setters Metal and Plastic	138	0.4	1.54
51-8013	Power Plant Operators	57	0.2	0.7
51-8031	Water and Waste Water Treatment Plant & Operators	330	1	1.18
51-8092	Gas Plant Operators	99	0.3	2.75
51-9011	Chemical Equipment operators	264	0.8	1.42
51-9012	Filtering Equipment Operators	147	0.4	1.27
51-9061	Inspectors, Testors	966	3	0.75
51-9121	Coating Painter Machine Operators	105	0.3	0.51
51-9195	Molders, Shapers, Caster exc. Metal and plastic	276	0.8	2.8
51-9198	Helpers-Production Workers	609	2	0.63
53-0000	Transportation and Material Moving Occupations	22,014	65	0.93
53-1048	First Line Supervisors	888	3	0.94
53-3032	Heavy Tractor Trailer Drivers	4,251	13	1.02
53-3033	Light Truck and Delivery	1,962	6	0.94
53-7021	Crane and Tower Operators	162	0.5	1.56
53-7051	Industrial Truck Operators	900	3	0.66
53-7062	Laborers and Material Movers	5,736	17	0.89
53-7071	Gas Compressor Operators			
53-7073	Wellhead Pumpers	78	0.3	2.92
TOTALS		67,923	199	

APPENDIX F
SHALE CRESCENT INVESTMENT IN REGION

Petro-chemicals

Transportation



Manufacturing

Energy

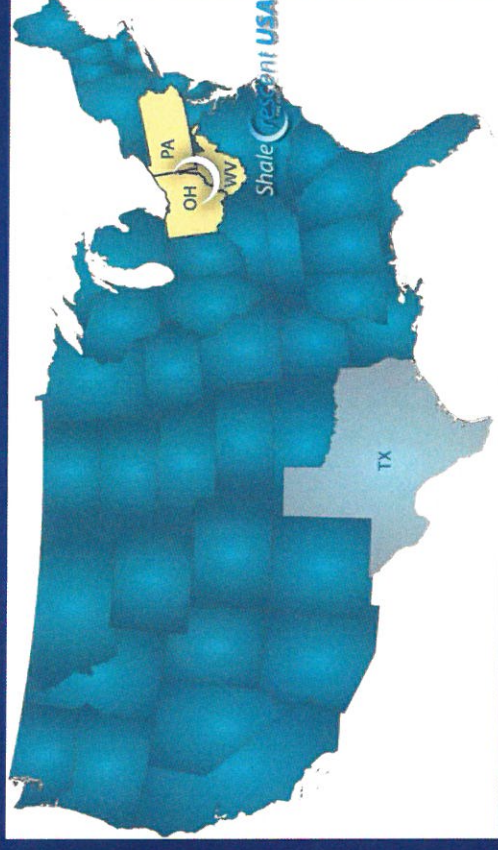
Weirton Frontier Crossings

At the crossroads of the
manufacturing, energy,
petrochemical, and
transportation economy

Shale Crescent – West Virginia, Eastern Ohio, Pennsylvania

According to recent industry studies by IHS Markit:

- The largest natural gas reserves in the U.S. are now located in the Shale Crescent of Eastern Ohio, West Virginia, and Pennsylvania, providing almost 40% of U.S. natural gas by 2040.
- Since 2012, Shale Crescent natural gas prices have been lower than the Gulf Coast and are projected to stay approximately 25% lower.
- Shale Crescent has sufficient ethane feedstock to support up to five world class ethane cracker plants, including the Shell Chemical plant currently under construction.
- The Shale Crescent yields a Feedstock Advantage with a 32% lower Ethane Price and a 23% lower polyethylene cost, yielding a 20-year net present value cost savings of \$700 million compared to a similar project on the Gulf Coast.

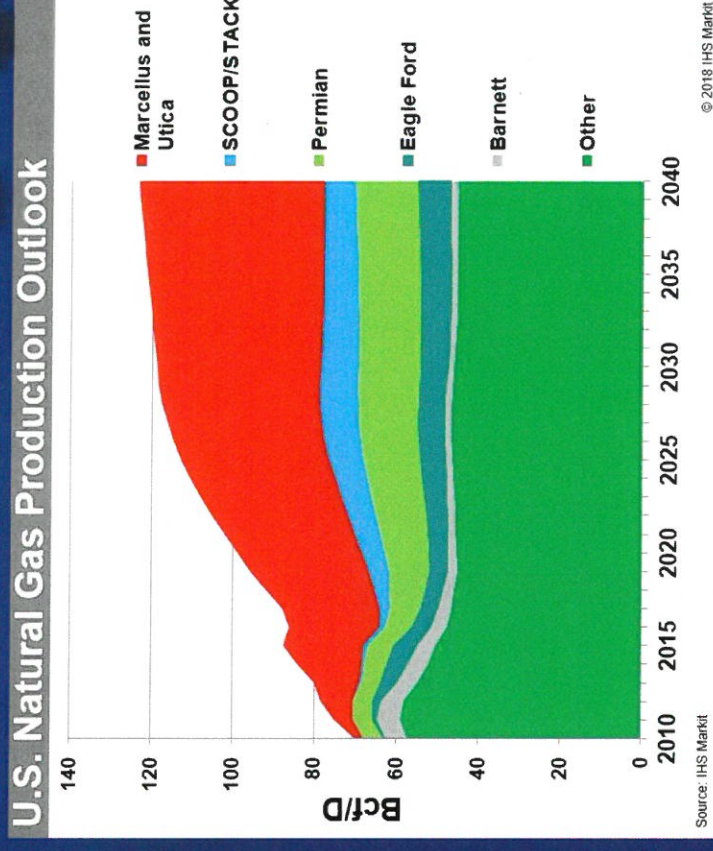


Shale Crescent

Location Advantage

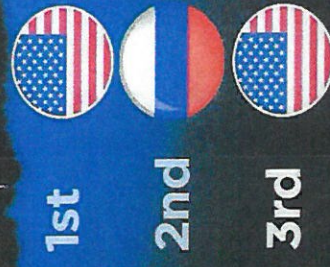
According to the IHS Markit:

- The Shale Crescent represents 85% of the shale gas growth since 2012:
 - 25 billion cubic feet/day of natural gas production
 - Expected to reach 29 to 33 BCF/d by 2022 and 40 BCF/d by 2040
 - 740,000 barrels/day in natural gas liquids in 2016
 - Expected to reach 1.2 million barrels/day by 2022



Shale Crescent as a Country

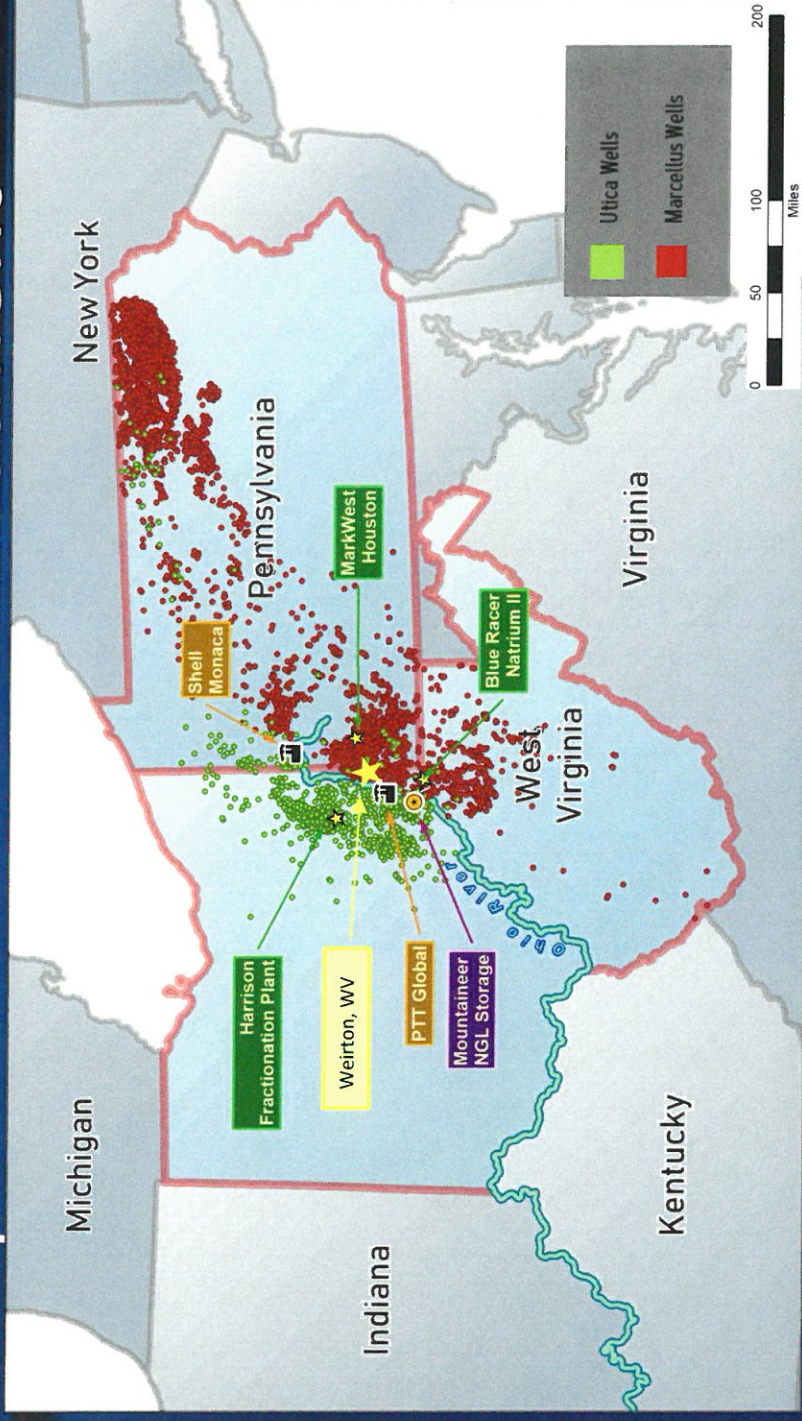
Top Natural Gas Producers



Source: Deloitte and Shale Crescent USA

Shale Crescent USA

Adjacent Energy Infrastructure – \$78 Billion of Investment



- Two ethane crackers
- Gas fractionators – Harrison, Mark West, Blue Racer
- Ethane storage hub
- Pipeline investments
- Corporate Acquisitions

Shale Crescent & Chemical and Plastics Industry

- American Chemistry Council projects by 2025:
 - \$36 billion of additional investment by the chemical and plastics industry within the Shale Crescent in “downstream” production
 - 100,000 new jobs
 - 68,000 direct and supply chain
 - 32,000 payroll induced
 - \$6.2 billion of annual payroll
 - \$1.2 billion of annual local tax revenue



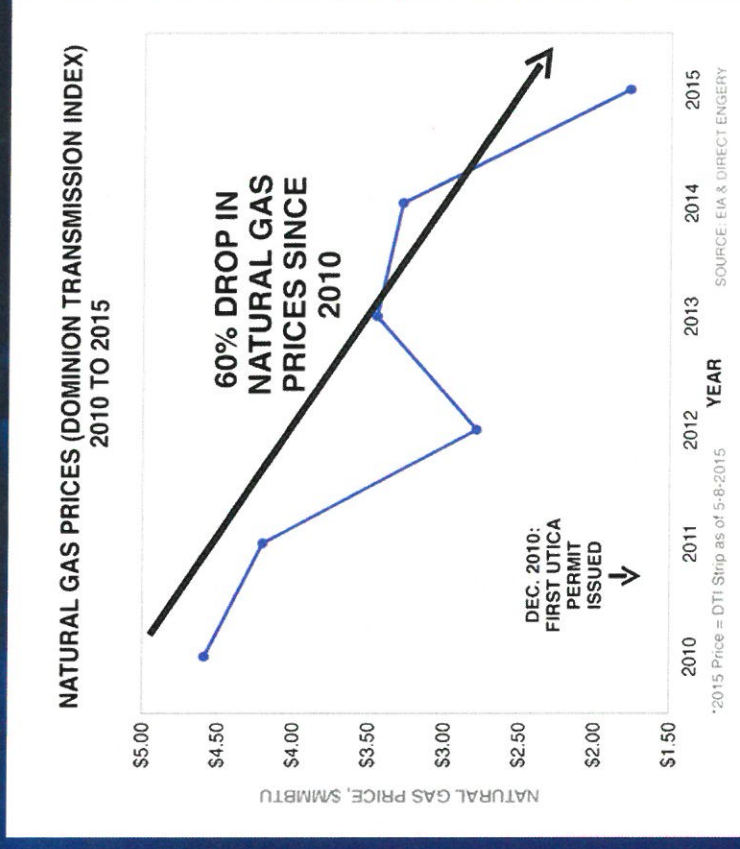
Weirton Frontier Crossings

- Over 1,000 acres available for development
- Over 3 million square feet of development capacity
- Projected \$2 billion of investment
- Projected 5,000 jobs created
 - 2,000 on site
 - 3,000 jobs through supply chain and payroll impacts

Why Frontier Crossings

Production Cost Savings

- Natural gas and natural gas liquids – Both unit costs and transmission costs are lower than the Gulf Coast
 - Plentiful supply of low cost natural gas for manufacturing and industrial use. West Virginia averages the second lowest prices in the country for natural gas for industrial use.
 - Plentiful supply of low cost ethylene for plastics production. Frontier Crossings is just 30 miles downriver from the Shale Ethane Cracker in Monaca, PA. Currently under construction and approximately 40 miles upriver from the planned Ethane Cracker by PTT Global in Dils Bottom, OH.
 - Plentiful low cost supply of other natural gas liquids– butane, propane, isobutane, pentane for chemical processing
- Electric rates - On-site cogeneration facility, not subject to the West Virginia regulated electric market
- Water – Located on the Ohio River with 40 billion gallons/day flowing through .



Why Weirton Frontier Crossings

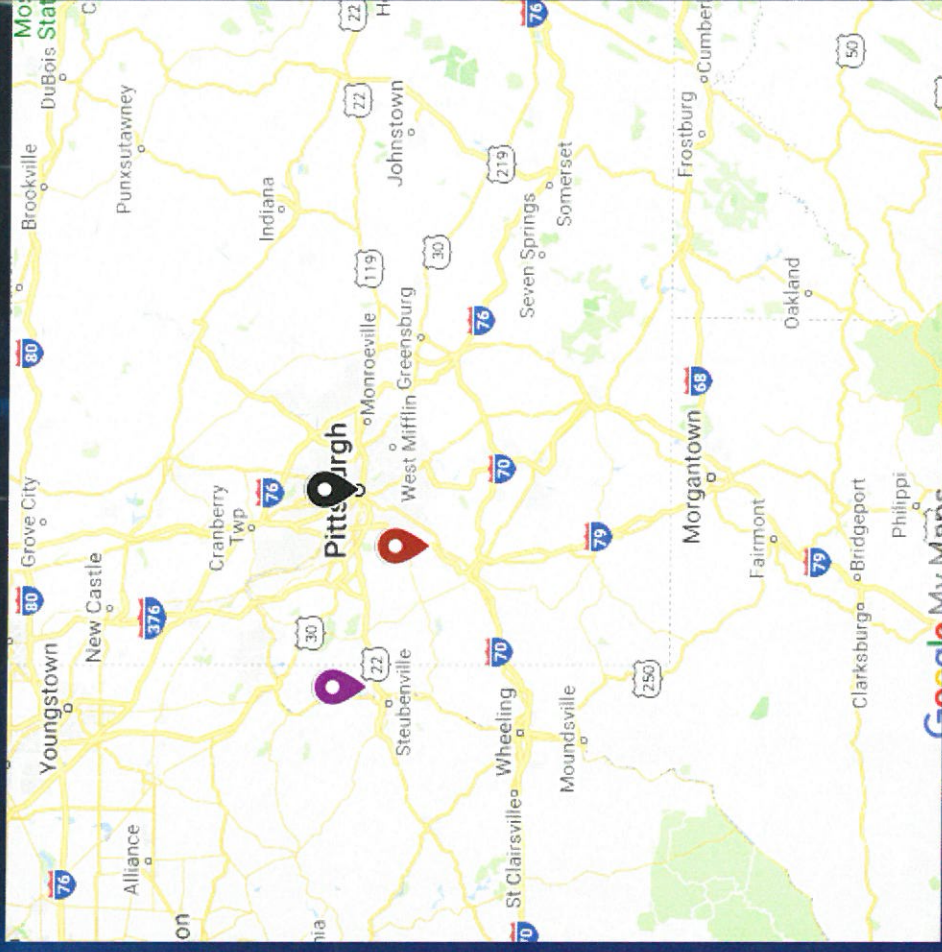
Production Cost Savings

- Transportation flexibility
 - Barge loading and unloading facilities – offer access to domestic and international shipping routes via Ohio River to Gulf of Mexico. Over 35 million tons of goods valued at over \$3.7 billion passing along the WV/Ohio portion of River.
 - Rail – Norfolk Southern with direct access to the mainline on the property
 - Truck:
 - Minutes from a four lane divided highway – US 22 to Pennsylvania and Ohio and Interstate Connection 1-79 (North/South) and I-70 (East/West)
 - On-site access to WV Route 2 to West Virginia
 - Across Ohio River to Ohio Route 7
- Labor costs
 - Workers' Compensation – WV compensation rates are the 7th lowest in the country
 - WV has the nation's second lowest employee turnover rate – 15% below the national average
- Labor availability – within commuting distance of:
 - A labor market of over 450,000 drawing from nine counties and three states
 - Over 75,000 workers in the construction trades, production and maintenance, and transportation industries

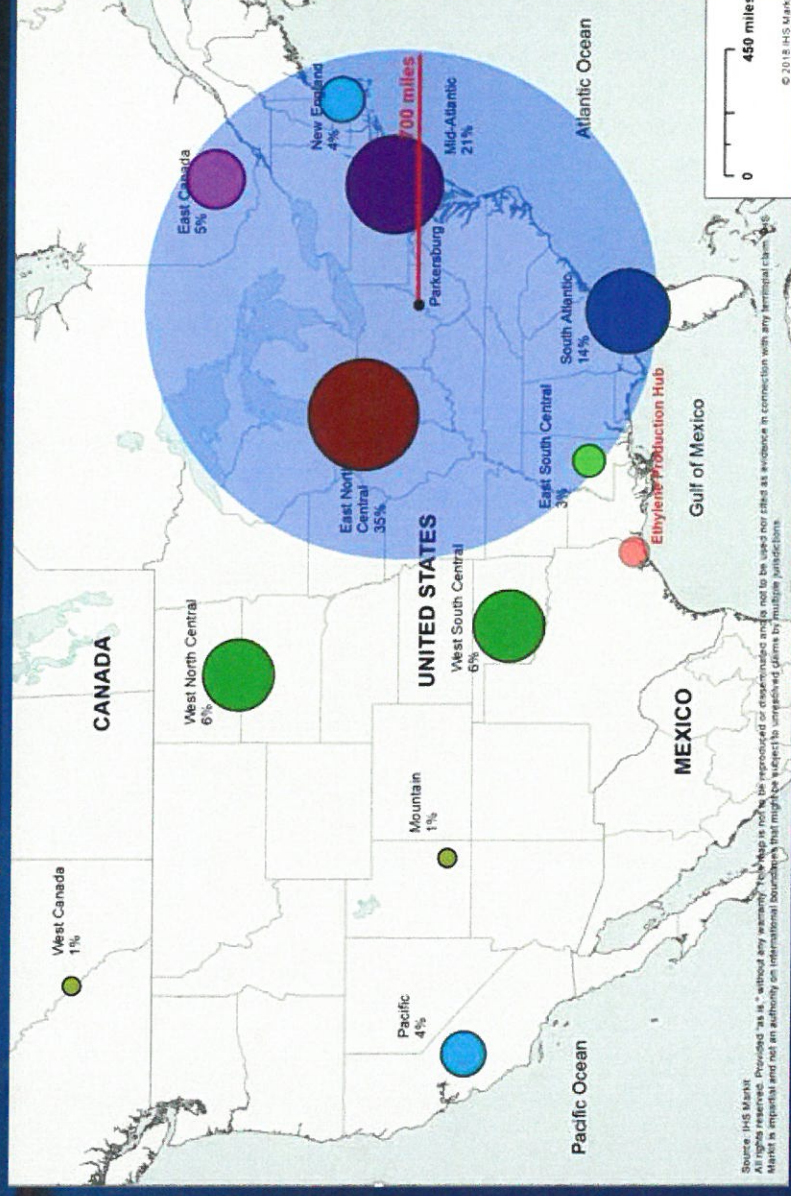
Why Weirton Frontier Crossings

Convenience to Markets

- Within a half hour drive to:
 - Pittsburgh International Airport
 - Southpointe Business Park: the office headquarters of the regional energy industry



Why Weirton Frontier Crossings Convenience to Markets



- Within a days drive of:
 - 70% of the US and Canadian polyethylene demand
 - More than 66% of the US and 30% of the Canadian populations

Why Weirton Frontier Crossings

Join International Corporate Neighbors



Canada

- Bidell
- Chrome Deposit



Germany

- Covestro



Ireland

- Ardaugh Group



Italy

- Pietro Fiorentini
- IMI Fabi
- Tecnocap



Japan

- Feroletto Steel
- Wheeling Nisshin



Luxembourg

- Arcellor



South Africa

- Mondi

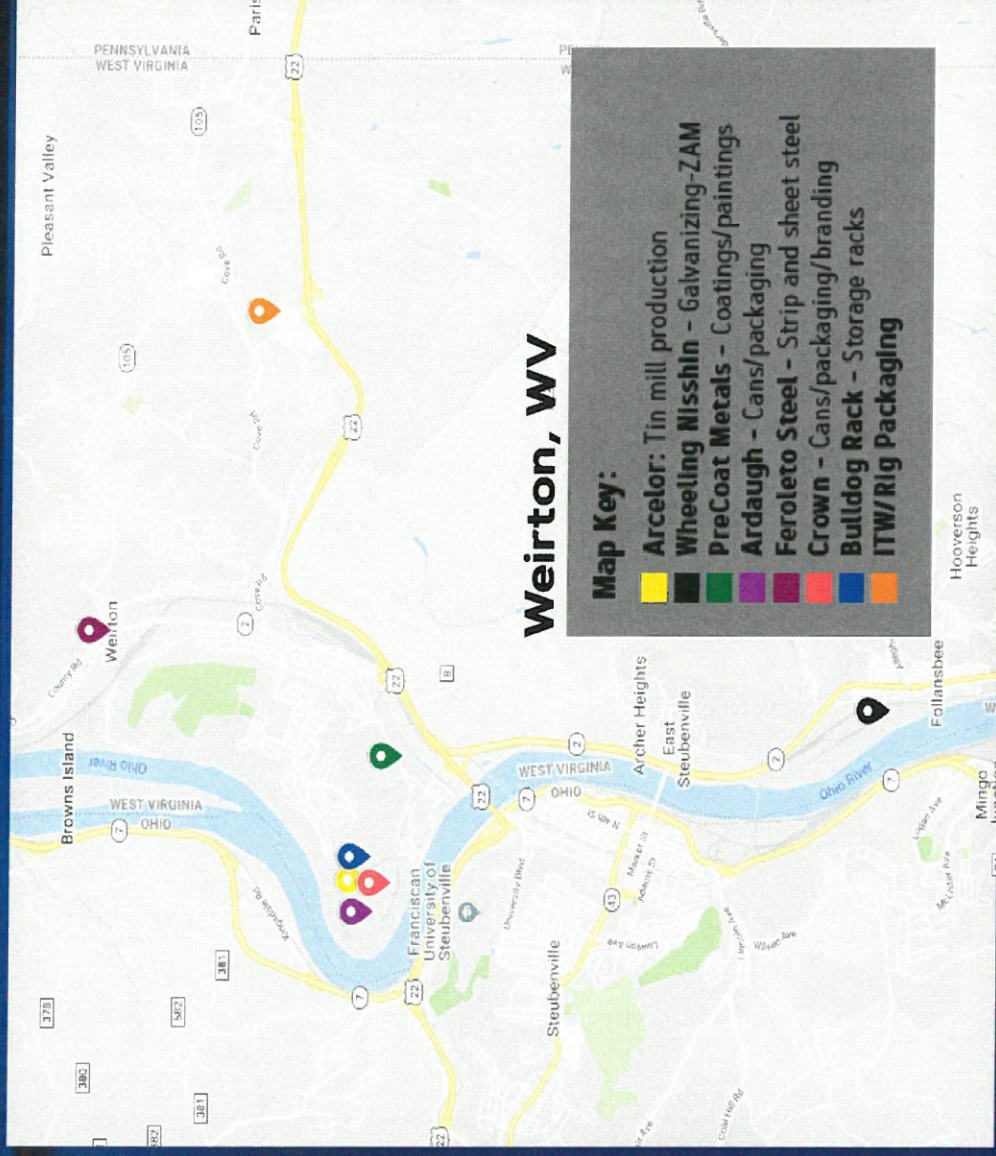


Switzerland

- Holcim

Why Weirton Frontier Crossings

Join the Local Metals/Manufacturing Cluster



Why Weirton Frontier Crossings

Join the Regional Energy Cluster

Raw fossil fuels

Over \$70 billion invested

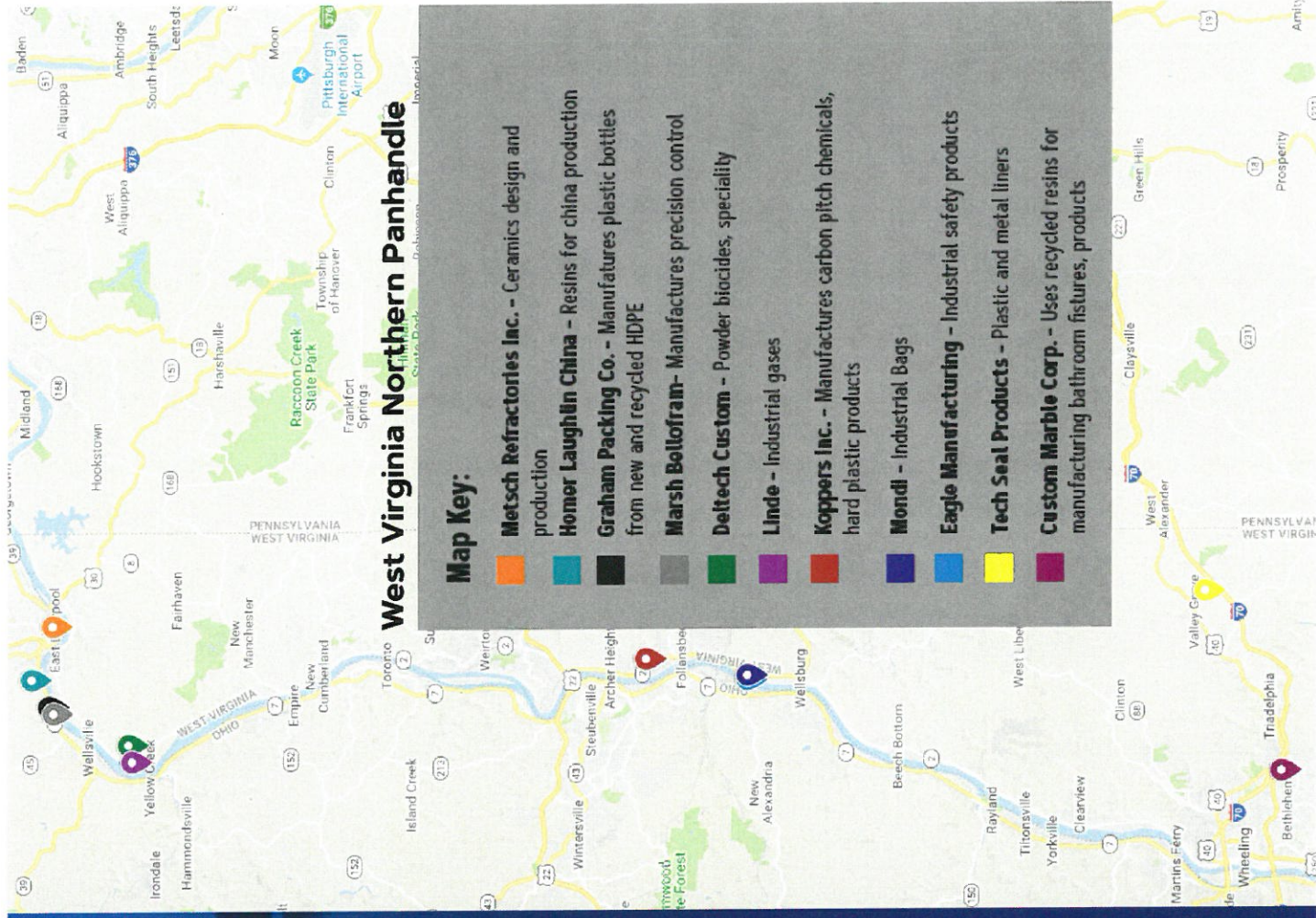
Complex chemicals

- Extractors
 - Consol,
 - Rice Energy
 - Enervest
 - XTO
 - Hess
 - Antero
 - Chesapeake
 - Southwestern Energy
- Gas/Liquids Pipelines
 - Columbia
 - DTE Energy
 - Dominion
 - Spectra Energy
 - Marathon
 - Sunoco Logistics
 - Energy Transfer
- Liquids Storage – Mountaineer Storage
- Fractionators/Processors
 - MarkWest
 - Williams
 - Blue Racer
 - Ergon
 - Shell
 - PTT Global
- Equipment Suppliers
 - Bidell Gas
 - Pietro Fiorentini
 - Marsh Bellofram
- Industrial chemicals, coatings, polymers
 - Lubrizol
 - Sherwin Williams
 - PolyOne
 - Solvay
 - Mitsui Chemicals
 - Dupont, PPG

Why Weirton Frontier Crossings

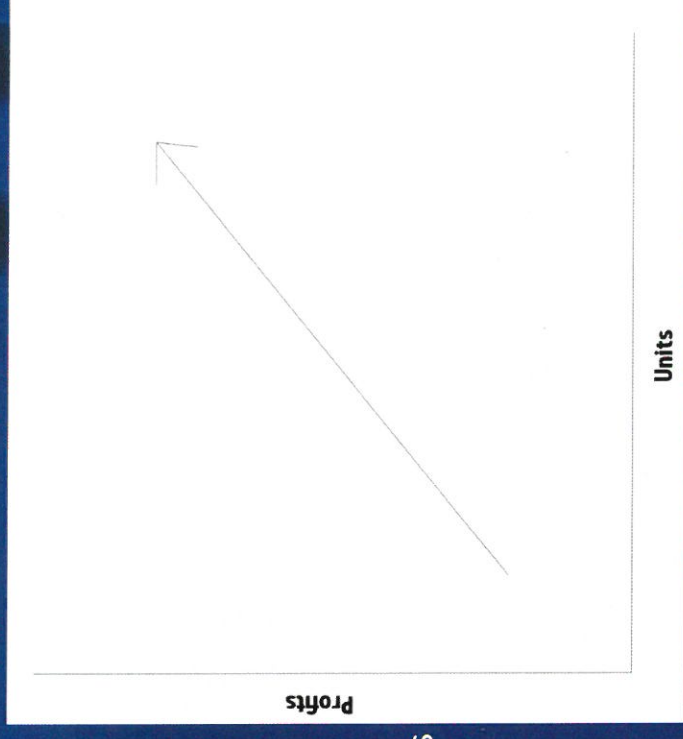
Join the Local Petrochemical/ Plastics Cluster

Weirton Frontier Crossings



The Crossings Advantage

- Lowest natural gas and natural gas liquids prices in the developed world
- Plentiful supply of natural gas and natural gas liquids
- Lower transportation costs for gas and feedstock
- Adjacent energy infrastructure
- Unlimited raw river water
- Wastewater treatment available
- Transportation flexibility – river, rail, truck
- Proximate utility connections
- Labor availability – Weirton and Pittsburgh labor markets
- Convenience to national and Canadian markets
- Join other local and international companies in the metals, manufacturing, energy, and petro-chemical clusters
- Low cost-of-living with recreational and educational opportunities of a larger metropolitan area
- Shovel-ready flat land available in a variety of sizes and for a variety of industrial needs



APPENDIX G
USACE – RIVER FREIGHT

WATERBORNE COMMERCE IN WEST VIRGINIA - SHORT TONS - 2016

ORIGIN -West Virginia	Coal	Petroleum	Sand/Gravel	Other	TOTAL
Alabama	262,443			16,506	
Arkansas				17,978	
Illinois				866,454	
Indiana	567,275	154,326			
Iowa				31,179	
Kansas				6,088	
Kentucky	1,443,922	3,980,038		210,320	
Louisaianna	227,062	608,404		17,866	
Mississippi				42,016	
Missouri				9,062	
Ohio	14,314,485			1,004,284	
Oklahoma				16,718	
Pennsylvania	5,287,449	438,684	1,384,681	66,537	
Tennessee		25,475		21,044	
Texas		155,530		32,167	
West Virginia	10,533,908	1,430,678	45,828	203,765	
TOTALS	32,636,544	6,793,135	1,430,509	2,561,984	43,422,172
Percentage	75%	16%	3%	6%	100%

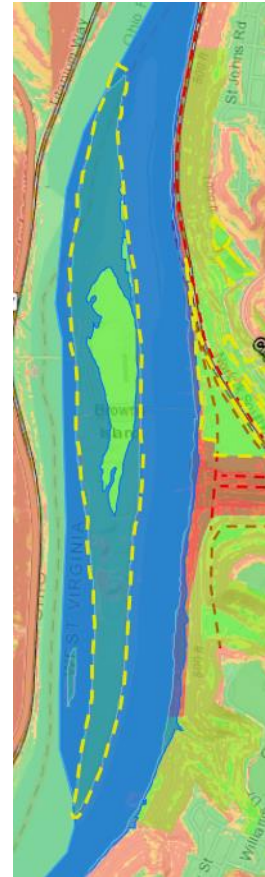
DESTINATION - WEST VIRGINIA	Coal	Petroleum	Sand/Gravel	Other	Iron Ore, Scrap	
Ohio	2,292,206	100,249	574,736	216,641		
Indiana		1,491,190		2,911		
Kentucky	958,504	2,350,946		118,667	7,402	
Pennsylvania	1,330,953	60,026	244,742	5,773		
TOTALS	4,581,663	4,002,411	819,478	343,992	7,402	9,754,946
Percentage	47%	41%	8%	4%	0%	100%

APPENDIX H

SLOPE MAPS

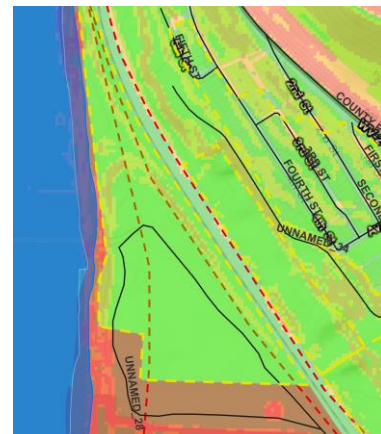
1. Brown Island

- a. Acreage between 0 to 20% slope $\pm$ 244.7 AC.
- b. Area impacted by floodways and flood Hazard Zones $\pm$ 199 AC.
 - i. FEMA Mapping $\pm$ 673
 - ii. Flood Map Revision



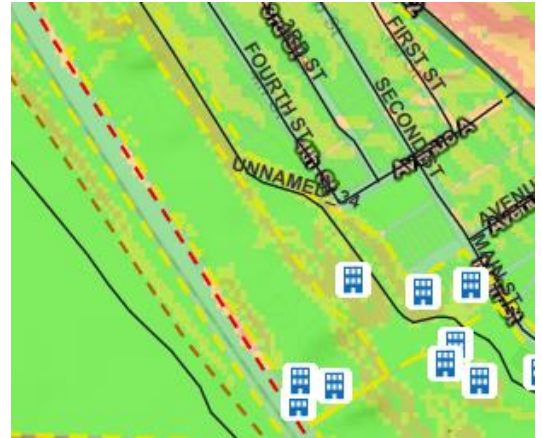
2. Site 2 – West of Rail Road

- a. Acreage between 0 to 20% slope $\pm$ 24.7 AC.
- b. Area impacted by floodways and flood Hazard Zones None



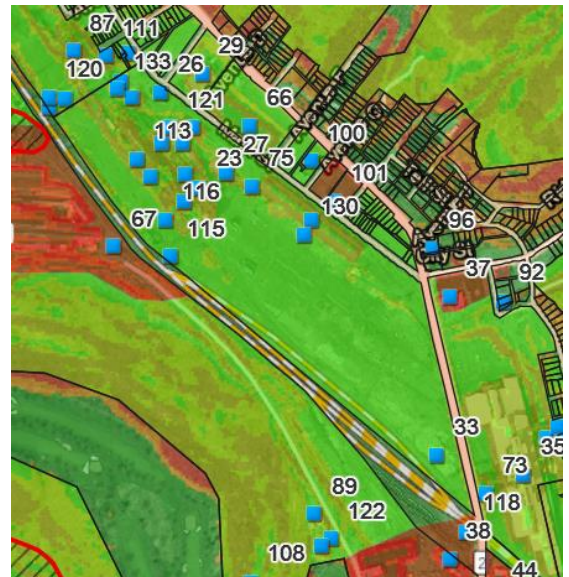
3. Site 2 – East of Rail Road

- a. Acreage between 0 to 20% slope $\pm$ 9.32 AC.
- b. Area impacted by floodways and flood Hazard Zones None



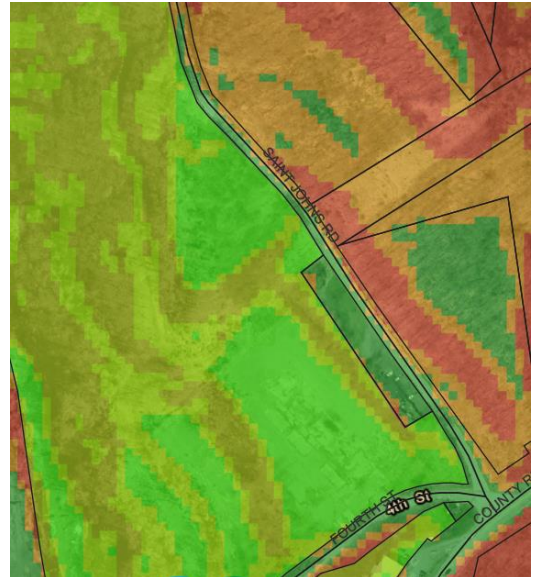
4. Site 4 –Across from Bidell

- a. Acreage between 0 to 20% slope $\pm$ 58.0 AC.
- b. Area impacted by floodways and flood Hazard Zones None



5. Site 5 –4th Street and St Johns

- a. Acreage between 0 to 20% slope $\pm$ 5.69 AC.
- b. Area impacted by floodways and flood Hazard Zones None



6. Site 6 –2nd, 3rd, 4th and 5th Streets from C Ave

- a. Acreage between 20 to 40% slope $\pm$ 24.7 AC.
- b. Area impacted by floodways and flood Hazard Zones None



7. Site 7 –Foster Wheeler Boiler with Building 29

- a. Acreage between 0 to 20% slope $\pm$ 2.79 AC.
- b. Area impacted by floodways and flood Hazard Zones None



8. Site 8 –off Locust Street

- a. Acreage between 0 to 20% slope $\pm$ 48.0 AC.
- b. Area impacted by floodways and flood Hazard Zones None



9. Site 9 –Pennsylvania Ave.

- a. Acreage between 0 to 20% slope $\pm$ 10.0 AC.
- b. Area impacted by floodways and flood Hazard Zones None



10. Site 10 –Rawson Ln.

- a. Acreage between 0 to 20% slope $\pm$ 27.0 AC.
- b. Area impacted by floodways and flood Hazard Zones None



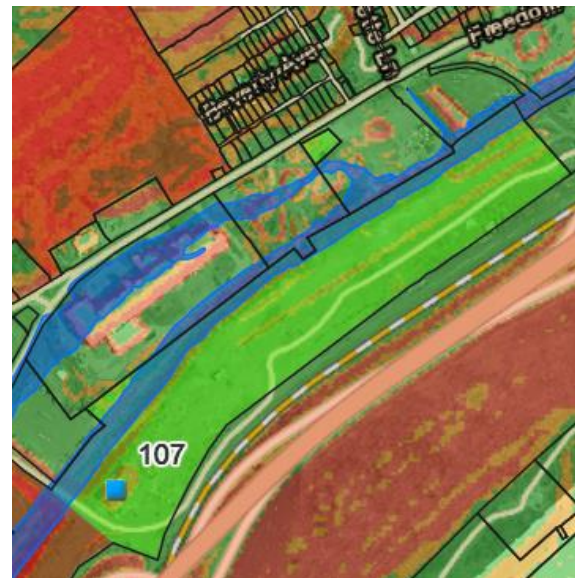
11. Site 7 –Rail Yard & Walnut Street Office

- a. Acreage between 0 to 20% slope $\pm$ 47.0 AC.
- b. Area impacted by floodways and flood Hazard Zones None



12. Site 7 –Strauss Building and Land

- a. Acreage between 0 to 20% slope $\pm$ 31.0 AC.
- b. Area impacted by floodways and flood Hazard Zones None



APPENDIX I
FEMA FLOOD MAPS – BROWNS ISLAND

This map is for use in administering the National Flood Insurance Program. It is not to be used for any other purpose. The map is for informational purposes only and should be consulted for possible updated or additional flood hazard information.

NOTES TO USERS

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this map. Flood profiles show the water surface elevation of the flood, insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FHM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 100 North American Vertical Datum of 1988 (NAVD 88). Users of this map should be aware that the map does not show coastal flood elevations. The Summary of Stillwater Elevations table in the Summary of Stillwater Elevations report for this jurisdiction, the Flood Insurance Study report, Floodway Data table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations and were not required to be continuous. Floodway boundaries are shown on the map. Floodway boundaries are shown on the map. Floodway boundaries are shown on the map.

Certain areas not in Special Flood Hazard Areas may be protected by **flood** insurance. These areas are shown on the map. Flood insurance is available for these areas. Flood insurance is available for these areas. Flood insurance is available for these areas.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM), zone 17. The **horizontal datum** was NAD83, GRS1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and floodway elevations to determine if a structure is in a flood hazard area. The map is not to be used for any other purpose. The map is for informational purposes only and should be consulted for possible updated or additional flood hazard information.

NGS Information Services
NOAA, NGS12
National Geodetic Survey
SSMC-3, #2022
1315 East-West Highway
Silver Spring, MD 20910-3222

To obtain current elevation, description and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at <http://www.ngs.noaa.gov/>.

Base map Digital natural color orthophotography for the State of West Virginia. Created by the WV Statewide Addressing and Mapping Board (SAMB). Imagery was captured at a scale of 1:2400 in the spring of 2003 for the purpose of producing natural color digital orthophotographs at a 2 pixel resolution.

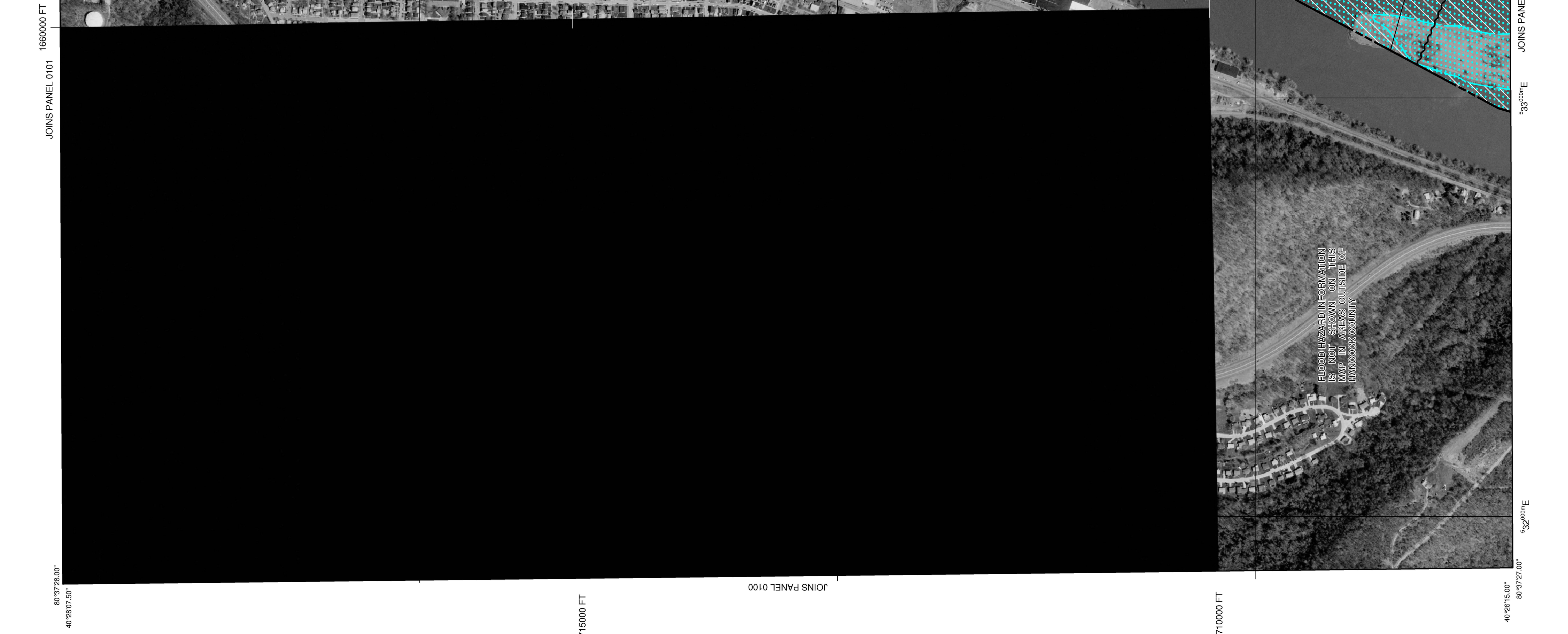
This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been revised. The map is not to be used for any other purpose. The map is for informational purposes only and should be consulted for possible updated or additional flood hazard information.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a listing of communities as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-5616 for information on the availability of digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at <http://www.msc.fema.gov/>.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call 1-877-FEMA MAP (1-877-335-2827) or visit the FEMA website at <http://www.fema.gov/>.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD.
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard are designated by the letters AE, AH, AO, AR, AV, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.
ZONE AE Base Flood Elevations determined.
ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AR Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently removed or is being restored to provide protection from the 1% annual chance or greater flood.
ZONE AV Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE VE Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE
The floodway is the channel of a stream plus any adjacent floodplain areas that must be flooded to prevent the water surface elevation of the 1% annual chance flood from exceeding the flood heights.

OTHER FLOOD AREAS
ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 100 acres; areas of 0.2% annual chance flood with average depths of less than 1 foot or with drainage areas less than 100 acres; areas of 0.2% annual chance flood with average depths of less than 1 foot or with drainage areas less than 100 acres.

OTHER AREAS
ZONE D Areas determined to be outside the 0.2% annual chance floodplain.
ZONE E Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS
OTHERWISE PROTECTED AREAS (OPAs)
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary
0.2% annual chance floodplain boundary
Floodway boundary
Zone D boundary
CBRS and OPA boundary

Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
Base Flood Elevation line and value; elevation in feet
Base Flood Elevation value where uniform within zone; elevation in feet
* referenced to the North American Vertical Datum of 1988 (NAVD 88)

Cross section line
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83)
97°07'30" W 32°22'30" N
47°50'00" N
6000000 FT

Bench mark (see explanation in Notes to Users section of this FIRM panel)
River Mile
MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTY-WIDE FLOOD INSURANCE RATE MAP
April 19, 2010
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-358-5620.

MAP SCALE 1" = 500'
0 500 1000 FEET
0 150 300 METERS

FIRM
FLOOD INSURANCE RATE MAP
HANCOCK COUNTY,
WEST VIRGINIA
AND INCORPORATED AREAS

PANEL 0103E

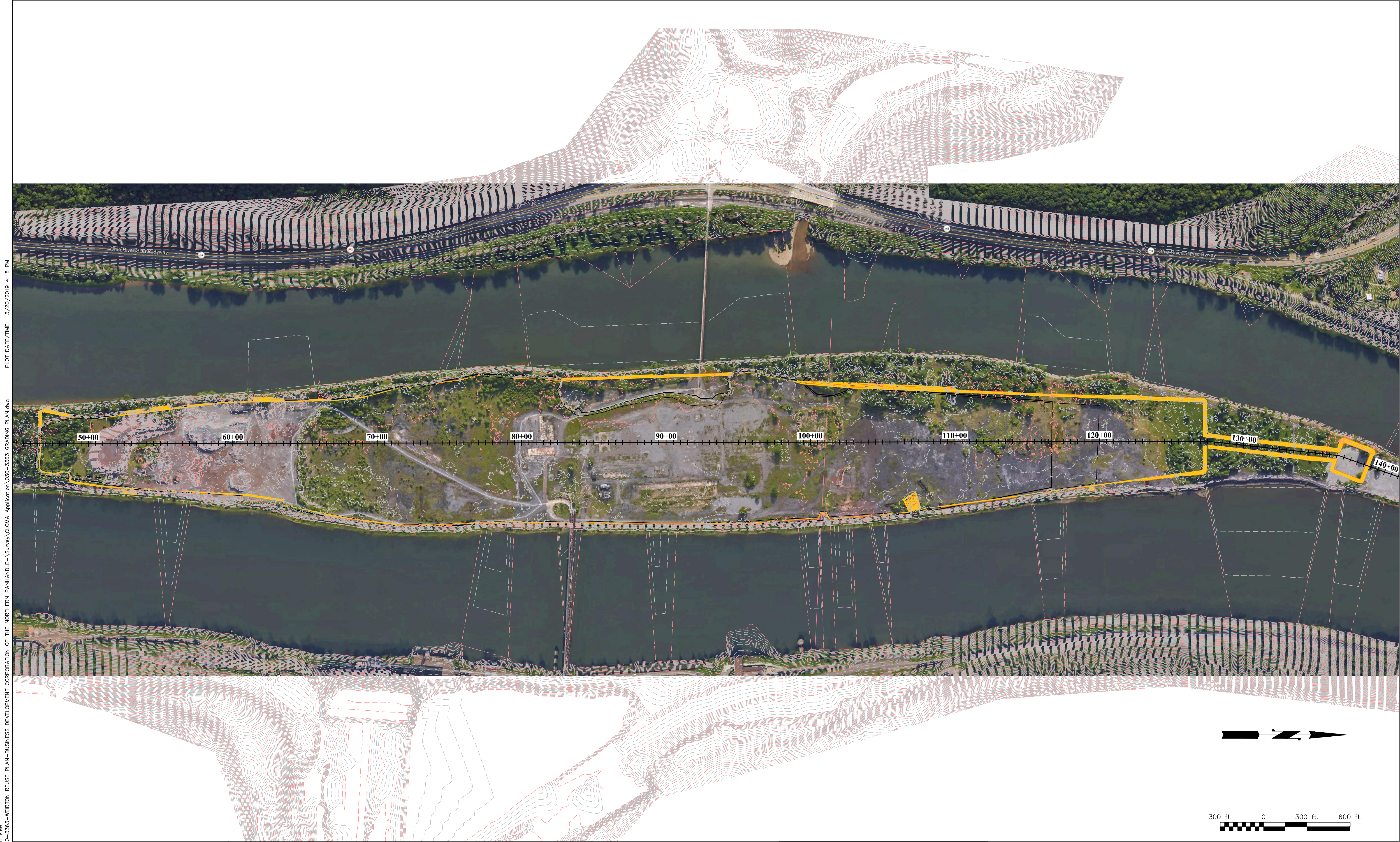
PANEL 103 OF 150
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:
COMMUNITY HANCOCK COUNTY
NUMBER 54027
PANEL 0103
SUFFIX E

MAP NUMBER 54029C0103E
EFFECTIVE DATE APRIL 19, 2010

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown below should be used on insurance applications for the subject community.

Federal Emergency Management Agency



LAYOUT TAB: Plan View
CAD FILE: R:\030-3363-WEIRTON REUSE PLAN-BUSINESS DEVELOPMENT CORPORATION OF THE NORTHERN PANHANDLE- Survey\CLOMA Application\030-3363 GRADING PLAN.dwg
PLOT DATE/TIME: 3/20/2019 4:18 PM

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NO.	BY	DATE	DESCRIPTION

SCALE:	
DRAWN:	DATE:
CHECKED:	DATE:
APPROVED:	DATE:
SURVEY DATE:	
SURVEY BY:	
FIELD BOOK No.:	

THRASHER
THE THRASHER GROUP INC.
CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
400 3RD STREET SE, CANTON, OHIO 44702
PHONE (330) 451-2042 • FAX (330) 451-2043

PHASE No.
CONTRACT No.
PROJECT No.
1-01-030-3363

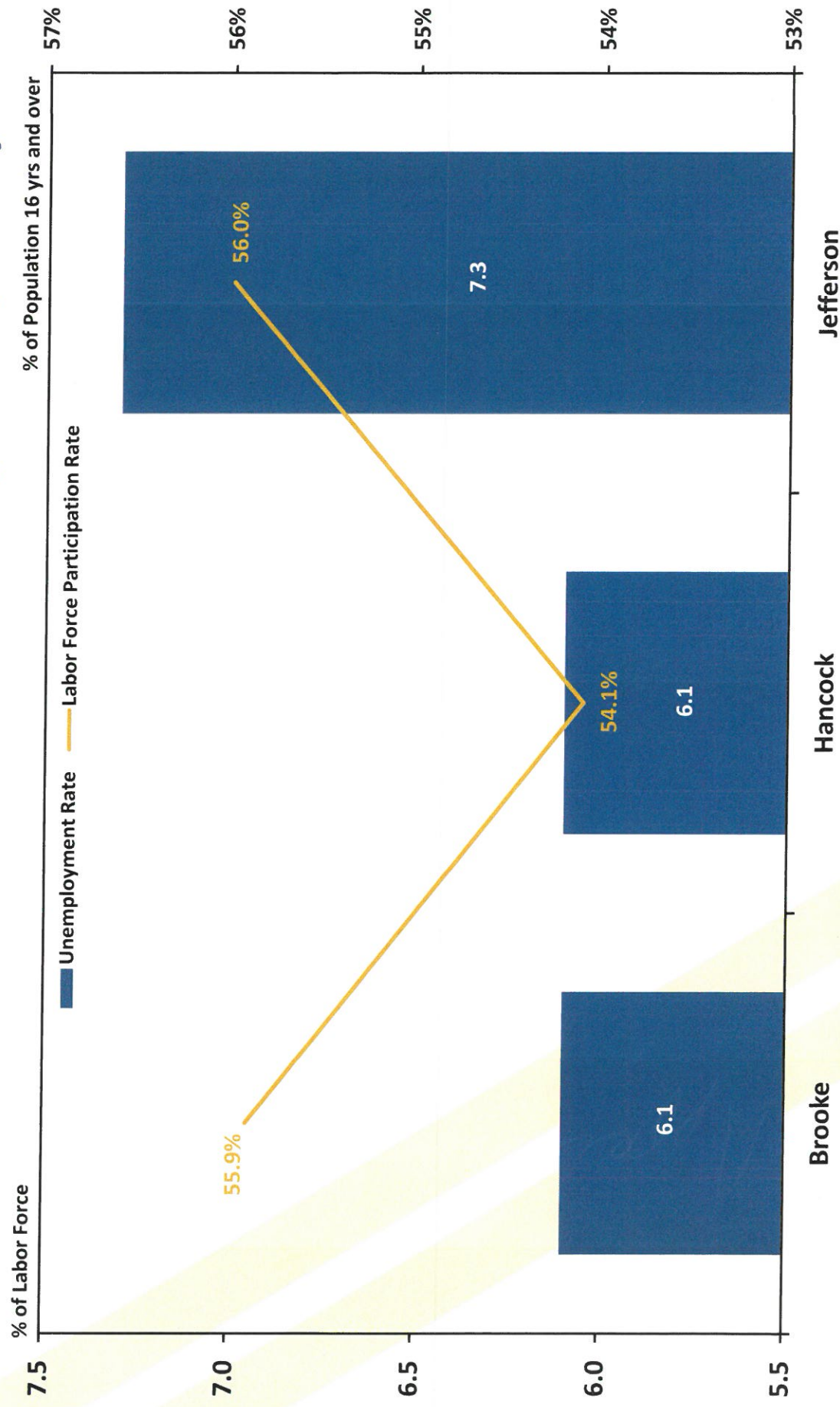
WEIRTON RE-USE
AREA B: BROWNS ISLAND

WEIRTON, WV

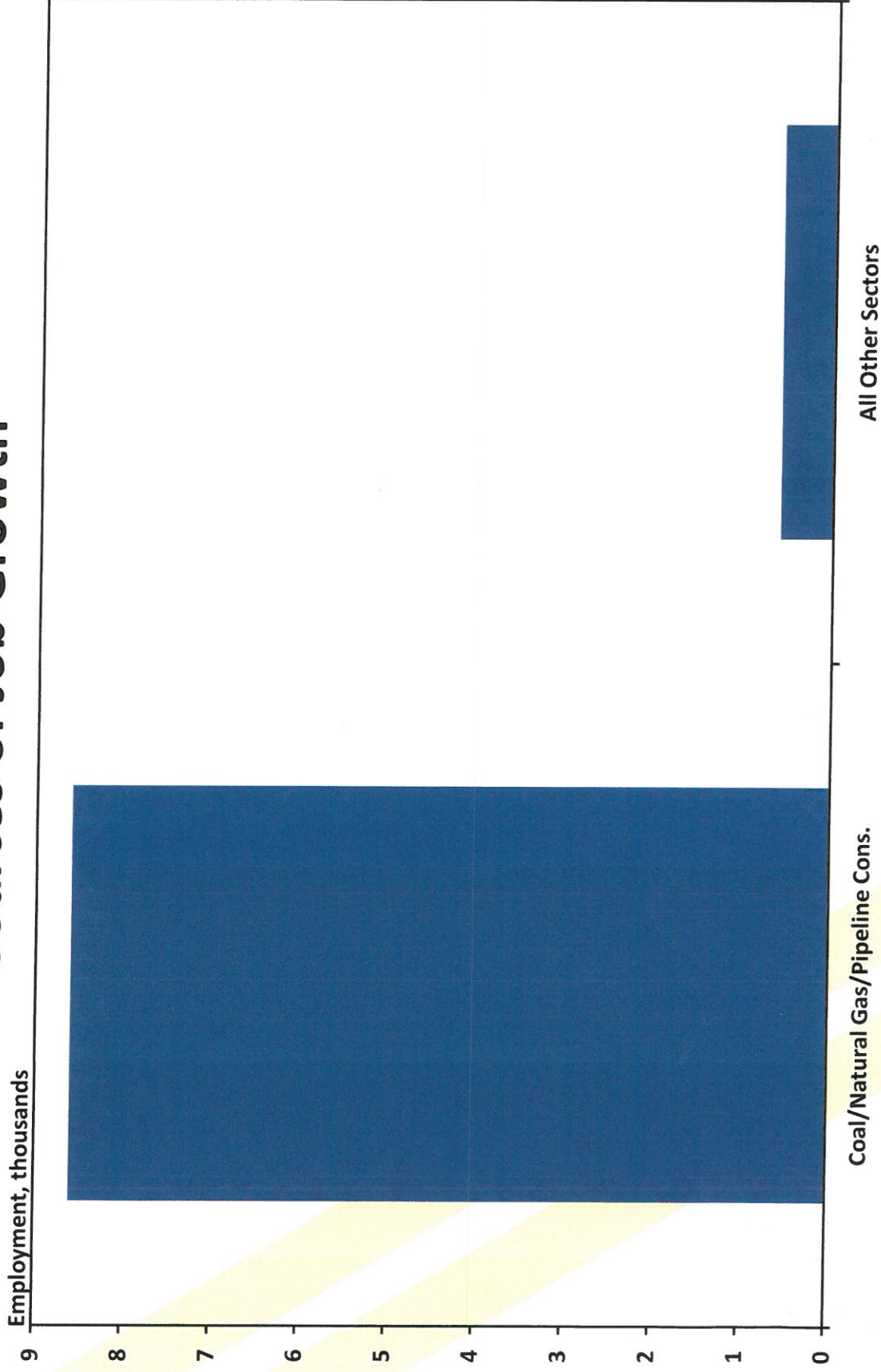
SHEET No.

APPENDIX J
UNEMPLOYMENT & LABOR FORCE

Unemployment and Labor Force Participation by County



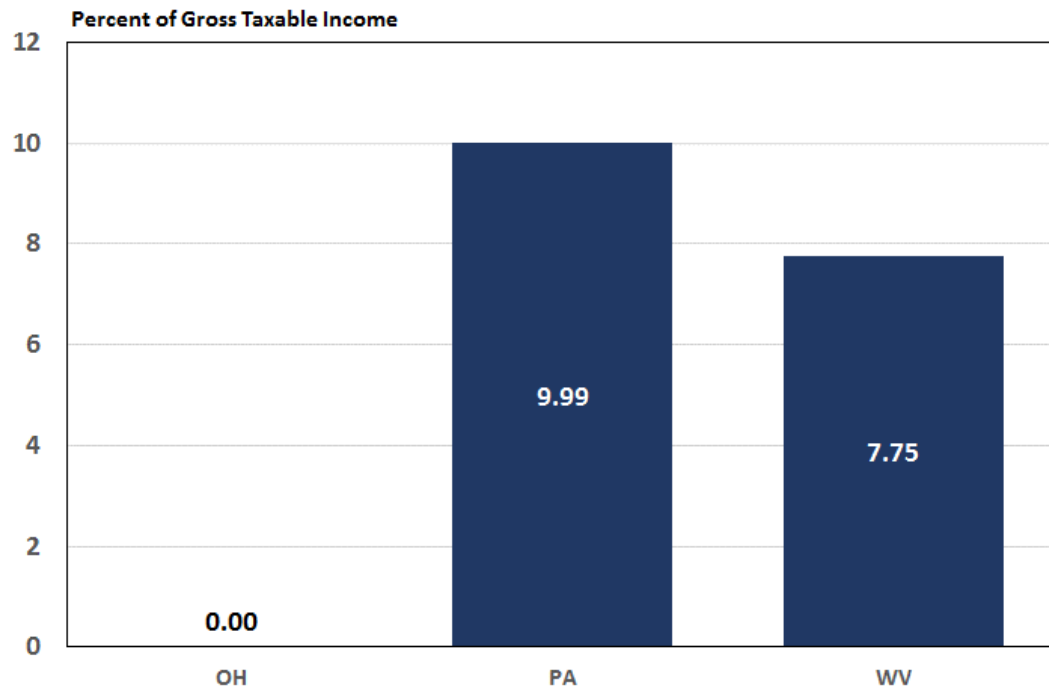
Sources of Job Growth



APPENDIX K

TAX RATES

Figure 14: State Corporate Income Tax Rates



Source: tax-rates.org

Figure 16: Personal Income Tax Rates, 2018

Ohio

Tax Rate	Income Bracket ('000)
0.5%	<5.25
1.0%	5.25
2.0%	10.50
2.5%	15.80
3.0%	21.10
3.5%	42.10
4.0%	84.20
4.6%	105.30
5.0%	210.60

Pennsylvania

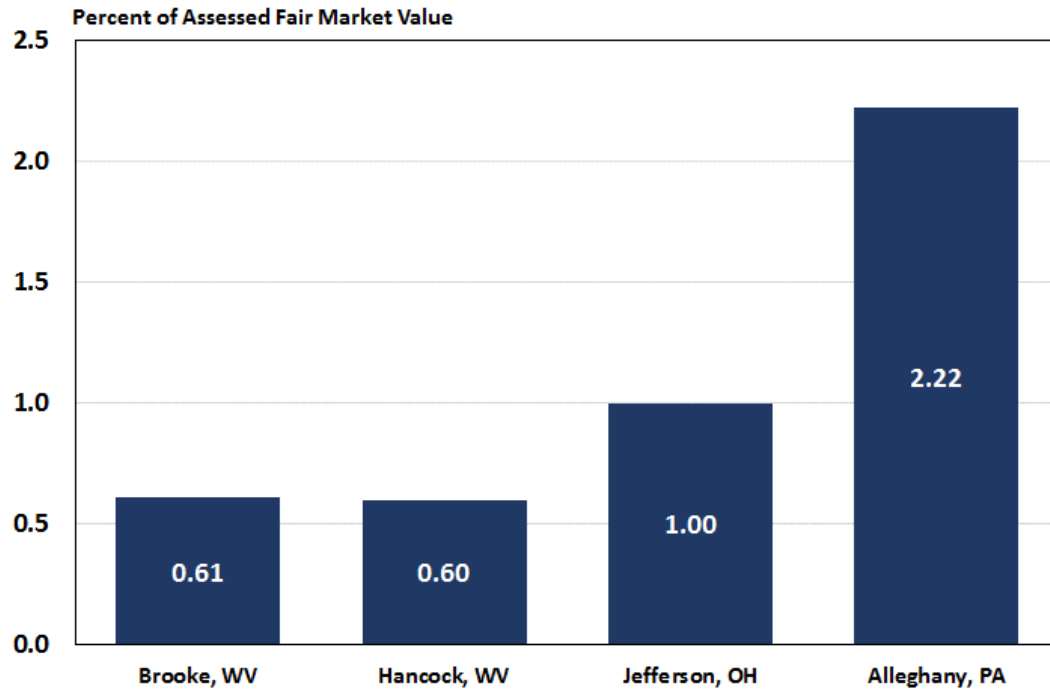
Tax Rate	Income Bracket ('000)
3.07%	(Any Income)

West Virginia

Tax Rate	Income Bracket ('000)
3.0%	<10
4.0%	10.0
4.5%	25.0
6.0%	40.0
6.5%	60.0

Source: tax-brackets.org

Figure 21: Average Property Tax Rates



Source: tax-rates.org

APPENDIX L

MARKET ADVANTAGES

Figure 15: Workers Compensation Rates by Class Code

Class Code	Class Name	OH	PA	WV
Class 0005	Farm: Nursery	3.75	6.63	2.61
Class 0016	Farm: Orchard/Grove	3.72	4.39	5.39
Class 0037	Farm: Field Crops	3.9	5.81	5.16
Class 0083	Farm: Cattle/Livestock	7.32	7.19	4.82
Class 0106	Tree Pruning	50.97	26.33	20.55
Class 2702	Logging or Lumbering	45.25	38.08	38.18
Class 2731	Planing/Molding Mill	4.67	6.55	3.14
Class 2802	Carpentry-Shop Only	3.05	6.55	5.67
Class 2915	Veneer Products Mfg	4.06	6.55	3.26
Class 3632	Machine Shop not elsewhere classified	2.76	3.96	3.68
Class 3724	Machine/Equip Repair	5.68	5.73	5.85
Class 5183	Plumbing not elsewhere classified	3.45	5.95	2.58
Class 5190	Electrical Wiring	3.76	4.78	2.6
Class 5213	Concrete Constr not elsewhere classified	6.01	12.65	7.29
Class 5221	Concrete Work floors	6.78	8.79	3.95
Class 5403	Carpentry not elsewhere classified	5.83	10.1	7.12
Class 5445	Wallboard Installation	6.64	9.08	4.49
Class 5474	Painting not elsewhere classified	9.14	11.09	5.21
Class 5506	Street/Road Paving	6.3	9.91	9.45
Class 5551	Roofing-All Kinds	19.16	24.83	17.26
Class 5645	Carpentry-Det Dwellings	8.66	12.44	13.74
Class 6217	Excavation not elsewhere classified	4.84	7.19	5.39
Class 7228	Trucking (Local)	13.24	11.06	7.51
Class 7229	Trucking (Long Dist.)	10.31	11.06	5.57
Class 7380	Chauffeurs not elsewhere classified	7.15	N/A	4.26
Class 7382	Bus Co.: All Other	9.08	9.83	4.18
Class 7403	Aviation: All Other	3.7	8.08	3.33
Class 7539	Elect. Light/Power Co	1.94	1.66	1.88
Class 7600	Phone/Telegraph Emps.	5.39	5.48	2.78
Class 7720	Police Officers	4.44	6.5	3.05
Class 8006	Gasoline station	3.59	3.11	1.8
Class 8017	Store: Retail not elsewhere classified	2.02	3.61	1.26
Class 8018	Store: Wholesale not elsewhere classified	3.98	6.86	1.99
Class 8033	Store: Meat/Groc Retail	2.96	3.04	1.66
Class 8046	Store: Auto Parts	3.45	4.99	2.22
Class 8232	Lumberyard: Other Emp	6.28	6.94	6.28
Class 8380	Auto Service/Repair	3.68	2.92	3.47
Class 8742	Salespersons-Outside	0.32	0.6	0.61
Class 8810	Clerical Office Employees	0.23	0.27	0.3
Class 8824	Retirement Health Care	5.72	3.67	4.42
Class 8832	Physician and Clerical	0.47	0.58	0.33
Class 8833	Hospital: Professional	1.78	1.38	0.86
Class 8835	Home/Public Healthcare	4.42	5.93	3.08
Class 8842	Mental Health Homes	4.54	3.33	2.72
Class 8868	College: Profess/Clerical	0.54	0.89	0.36
Class 9014	Bldgs-Oper by Contract	4.83	5.58	2.64
Class 9015	Bldgs-Oper by Owner	6.1	5.58	2.94
Class 9052	Hotel: Other Emp	3.85	4.51	2.19
Class 9058	Hotel: Restaurant Emp.	2.71	4.12	2.02
Class 9082	Restaurant not elsewhere classified	1.8	2.49	1.2
Class 9083	Restaurant: Fast Food	2.11	2.35	1.52
Class 9084	Bar, Nightclub, Tavern	3.2	2.09	1.24
Class 9101	College: Other Emp	3.4	0.89	4.77
Class 9403	Garbage Collection	10.9	10.99	9.14

Source: <https://classcodes.com/workers-compensation-rates-by-state/>

Figure 17: Industrial Natural Gas Price

Dollars per Thousand Cubic Feet

Year	PA	OH	WV
2000	5.14	5.12	4.21
2001	6.54	7.18	4.76
2002	5.67	6.29	4.20
2003	8.06	8.12	6.71
2004	8.84	8.97	7.59
2005	11.22	11.25	10.50
2006	11.60	12.30	8.98
2007	10.63	10.64	8.51
2008	12.71	12.09	10.94
2009	8.71	9.19	5.55
2010	7.40	8.23	5.40
2011	6.77	9.86	4.89
2012	5.48	9.58	3.60
2013	6.03	9.13	4.30
2014	7.06	9.95	5.00
2015	5.35	8.59	3.12
2016	4.81	7.40	2.43
2017	6.71	8.38	3.21
2018	na	na	3.51

Source: US Energy Information Administration

Figure 18: Commercial Natural Gas Price
Dollars per Thousand Cubic Feet

Year	PA	OH	WV
2000	7.01	7.72	6.58
2001	8.67	10.67	7.04
2002	6.41	7.70	7.38
2003	8.12	9.26	8.48
2004	9.20	10.60	10.13
2005	11.67	13.04	12.22
2006	12.83	14.30	14.38
2007	11.74	12.77	13.37
2008	12.77	14.29	13.54
2009	10.42	11.83	14.24
2010	9.25	10.47	10.27
2011	8.55	10.42	9.65
2012	7.11	10.24	9.35
2013	6.21	10.11	8.61
2014	7.82	10.13	8.92
2015	6.48	9.32	8.95
2016	5.74	8.15	7.75
2017	6.11	9.16	7.65
2018	5.99	9.42	8.09

Source: US Energy Information Administration

Figure 19: Industrial Electricity Rates
Cents of KWH

Year	PA	OH	WV
2001	5.76	4.27	3.74
2002	5.83	4.87	3.81
2003	5.80	4.79	3.81
2004	5.87	4.89	3.83
2005	6.29	5.10	3.85
2006	6.63	5.61	3.71
2007	6.87	5.76	3.95
2008	7.03	6.20	4.20
2009	7.21	6.72	5.24
2010	7.66	6.40	5.86
2011	7.73	6.12	6.18
2012	7.23	6.24	6.33
2013	6.97	6.22	6.20
2014	7.41	6.77	5.87
2015	7.20	7.02	6.09
2016	6.92	6.98	6.57
2017	6.77	6.92	6.64
2018	6.78	6.70	6.44

Source: US Energy Information Administration

Figure 20: Commercial Electricity Rates
Cents of KWH

Year	PA	OH	WV
2001	8.62	8.46	5.44
2002	8.50	7.81	5.41
2003	8.62	7.55	5.45
2004	8.51	7.75	5.46
2005	8.50	7.93	5.53
2006	8.94	8.44	5.59
2007	9.20	8.67	5.85
2008	9.39	9.23	6.08
2009	9.55	9.65	6.77
2010	10.10	9.73	7.66
2011	10.03	9.63	8.14
2012	9.44	9.47	8.42
2013	9.25	9.35	8.17
2014	9.73	9.83	7.99
2015	9.60	10.07	8.61
2016	9.22	9.97	9.35
2017	8.98	10.05	9.58
2018	8.93	9.93	9.32

Source: US Energy Information Administration

APPENDIX M
QUALITY OF LIFE ADVANTAGES

Why Weirton Frontier Crossings

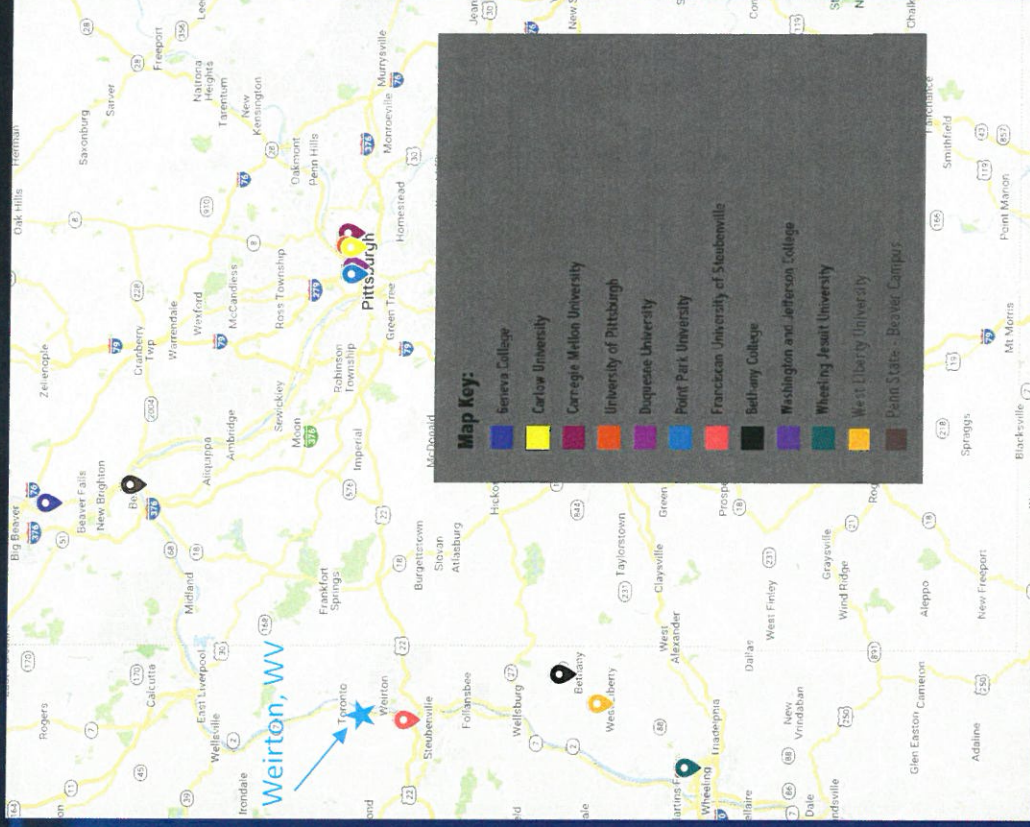
Quality of Life

- Regional access to larger Greater Weirton and Greater Pittsburgh market but with small market appeal:
 - Cost of living: Weirton ranks in the top 5 most affordable housing markets in the country, with a median home price of \$83,200.
 - Safety: Weirton's rate of serious crime is less than half the national average.
 - Trades Education
 - Rockefeller Career Center
 - WV Northern Community College
 - Higher Education – 12 colleges and universities are within an hour's drive
 - Health Care – Weirton Medical Center – access to 170 physicians
 - Parks & Recreation –
 - Millsop Community Center
 - Starvaggi Memorial Pool
 - Northern Panhandle Bike Trail
 - Playgrounds and Ballfields
 - Pittsburgh professional sports and cultural attractions within one hour's drive



Why Weirton Frontier Crossings Colleges and Universities

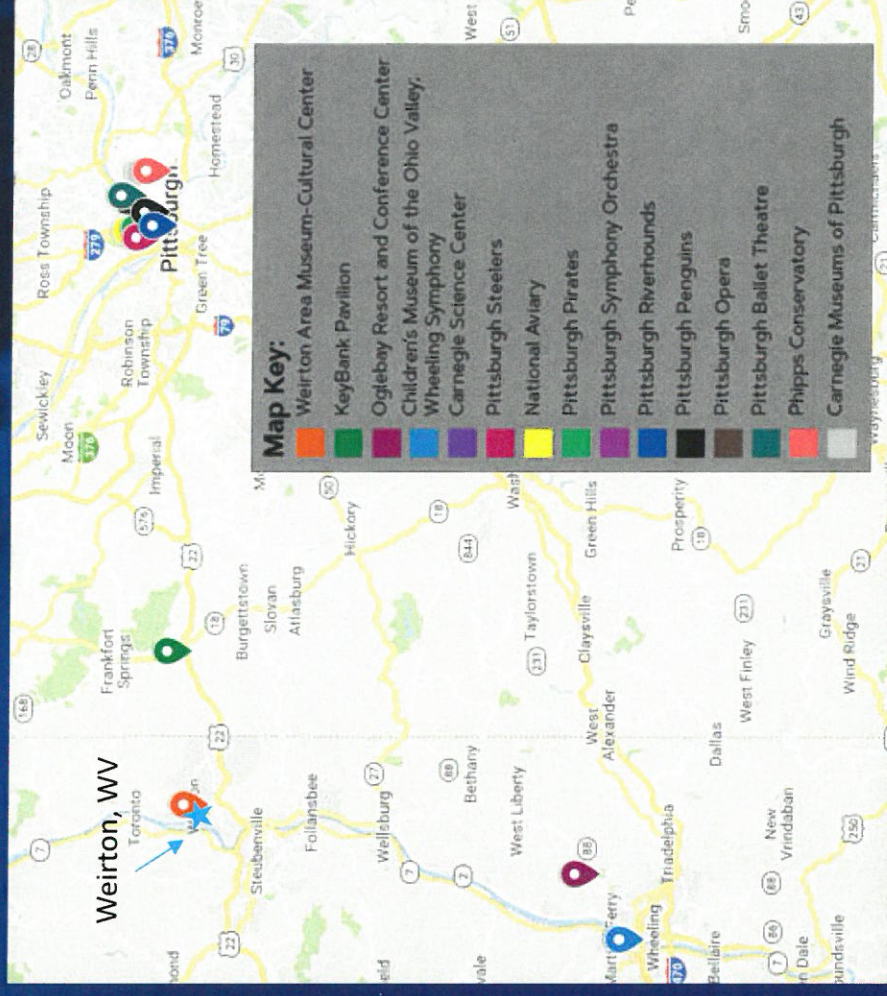
- West Virginia
 - Bethany College
 - Wheeling Jesuit University
 - West Liberty University
- Ohio
 - Franciscan University of Steubenville
- Pennsylvania
 - Carnegie Mellon University
 - University of Pittsburgh
 - Duquesne University
 - Point Park College
 - Geneva College
 - Washington and Jefferson College
 - Carlow University
 - Penn State – Beaver Campus



Why Weirton Frontier Crossings

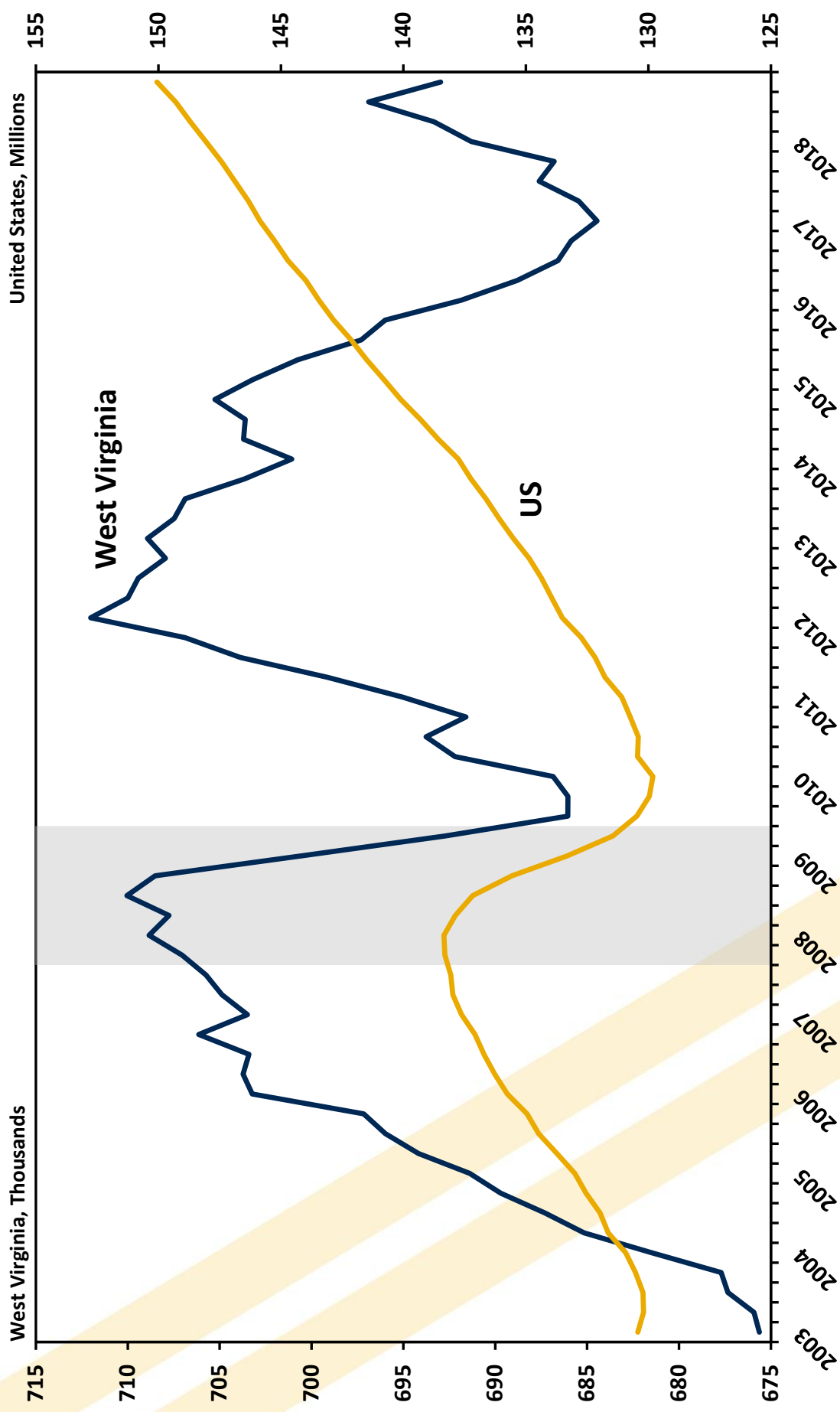
Cultural and Sports Attractions

- Oglebay Resort and Conference Center
- Children's Museum of the Ohio Valley
- Wheeling Symphony
- Weirton Area Museum and Cultural Center
- First Niagara Pavilion Outdoor Concert Hall
- Pittsburgh Symphony
- Pittsburgh Opera
- Pittsburgh Ballet
- Carnegie Science Center
- Carnegie Museum of Pittsburgh
- Phipps Conservatory
- National Aviary
- Pittsburgh Pirates
- Pittsburgh Steelers
- Pittsburgh Penguins
- Pittsburgh Riverhounds



APPENDIX N
JOB GROWTH CAUSED BY THE ENERGY SECTOR

Total Employment



Primary Growth Counties

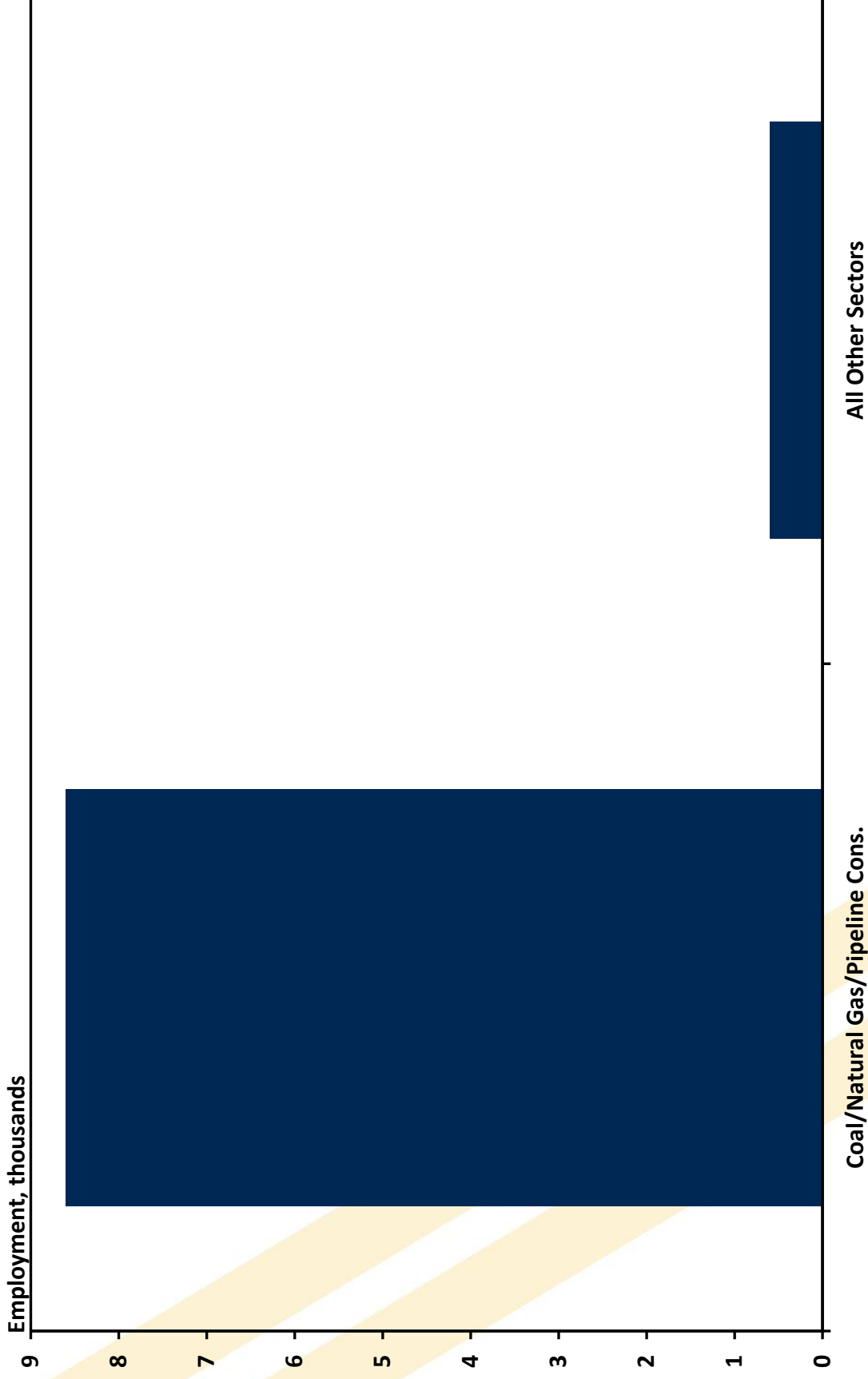
A map of West Virginia divided into its 50 counties. The following counties are highlighted in blue: Hancock, Broke, Ohio, Marshall, Monongalia, Harrison, Doddridge, Ritchie, Jackson, Morgan, Berkeley, and Jefferson. A diagonal yellow band runs from the bottom left towards the top right.

Added ~8,400 jobs Rest of State added

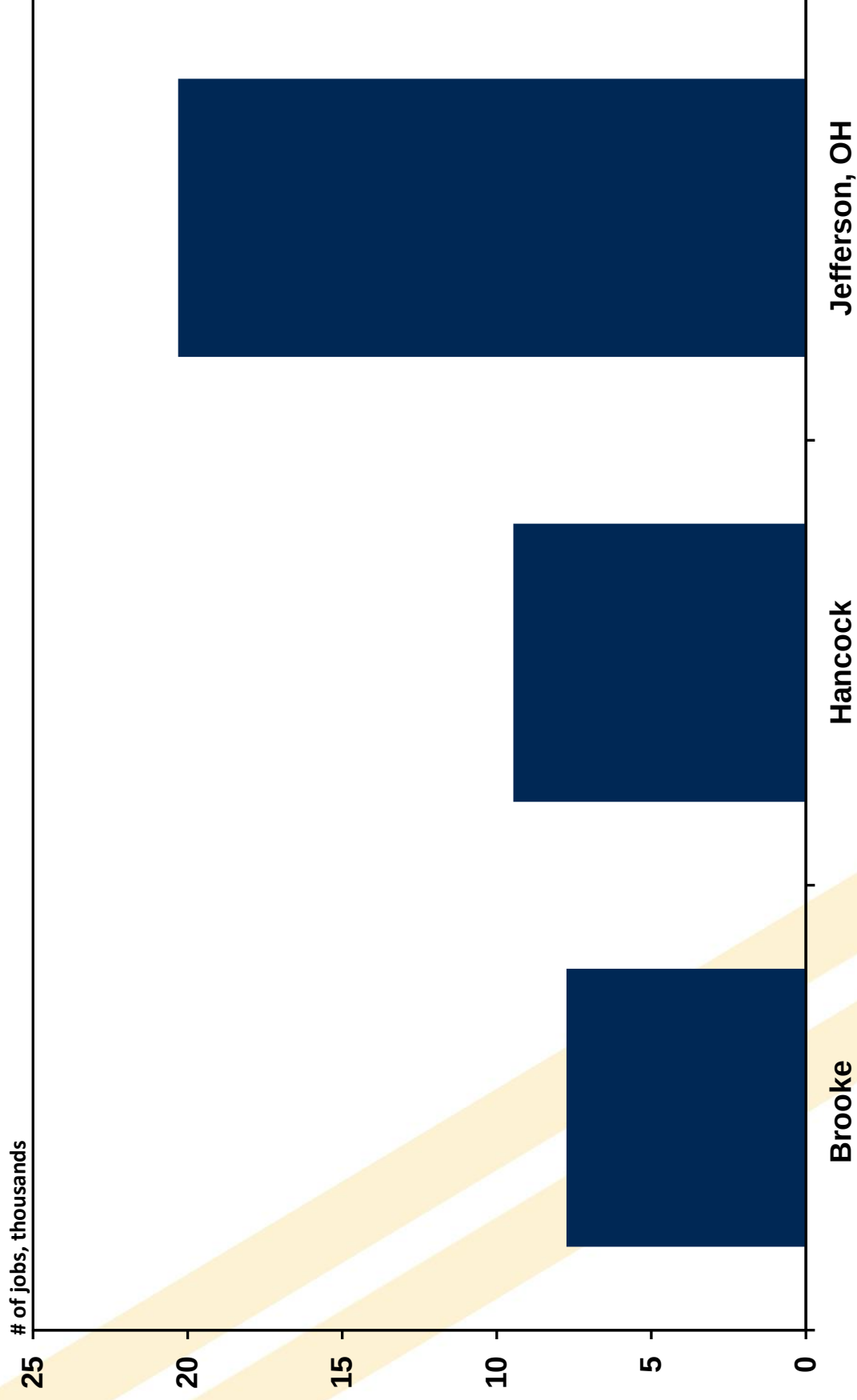
Added ~8,400 jobs since 2017q1

Rest of State added ~300

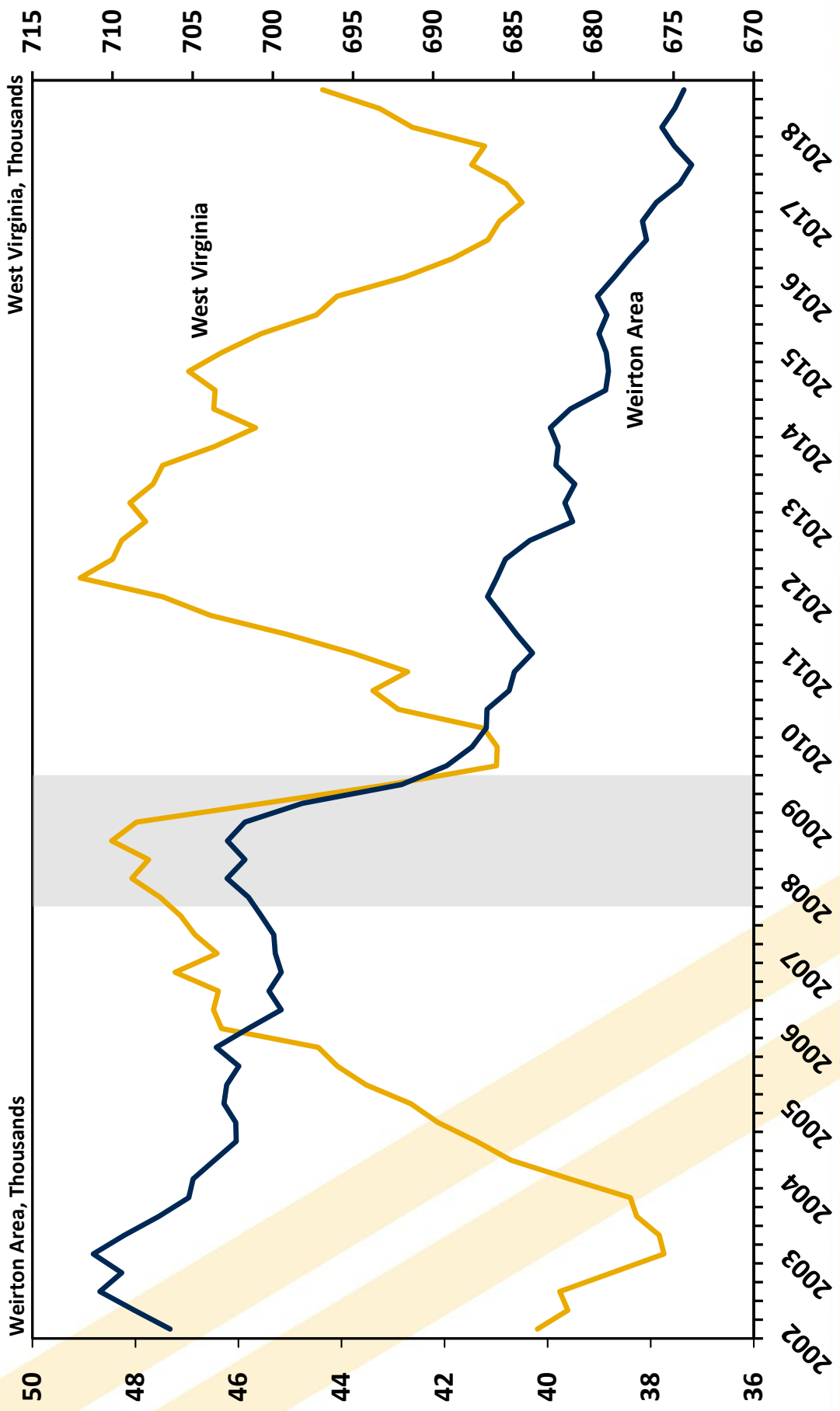
Sources of Job Growth



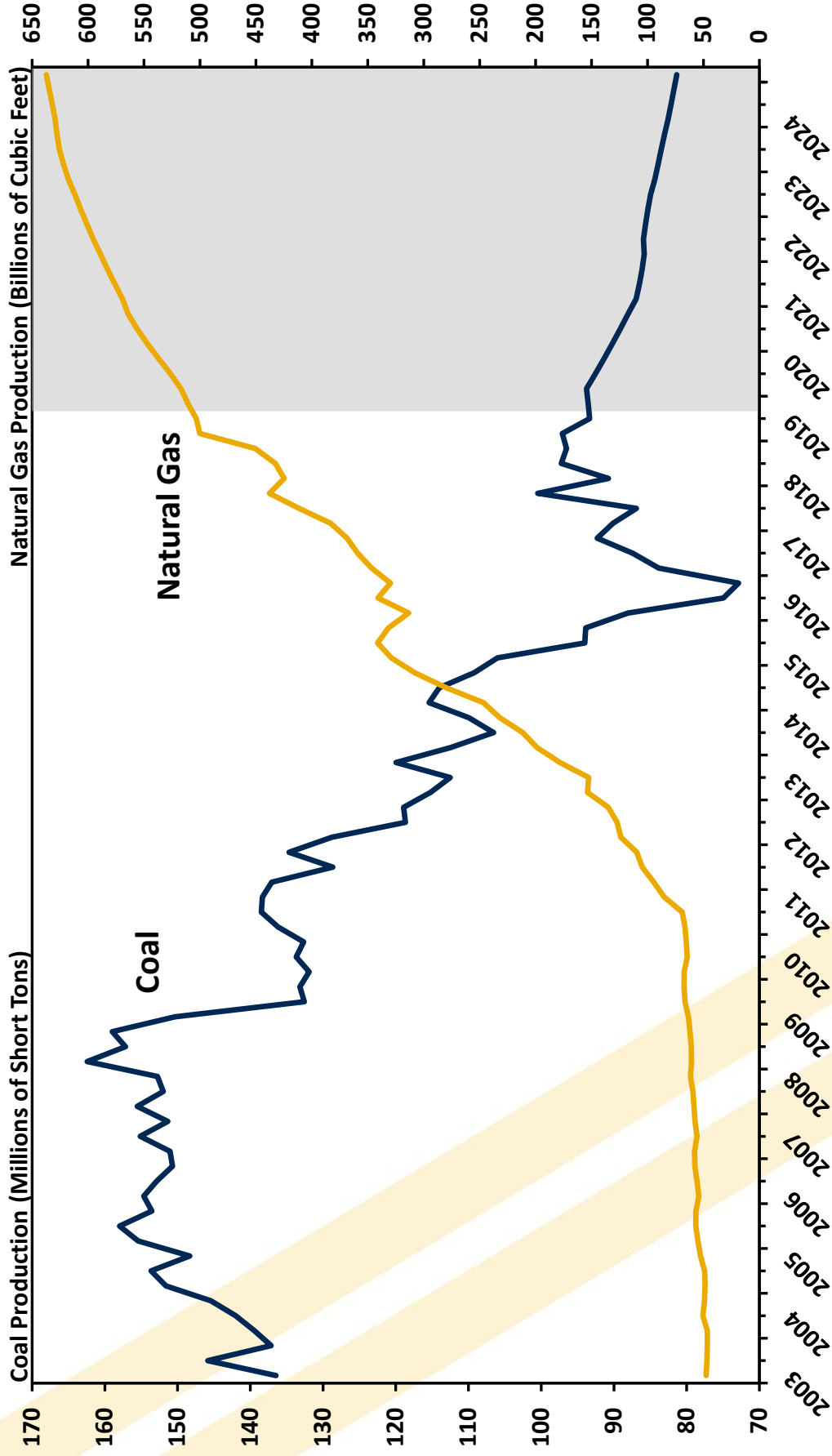
Total Employment by County (2017)



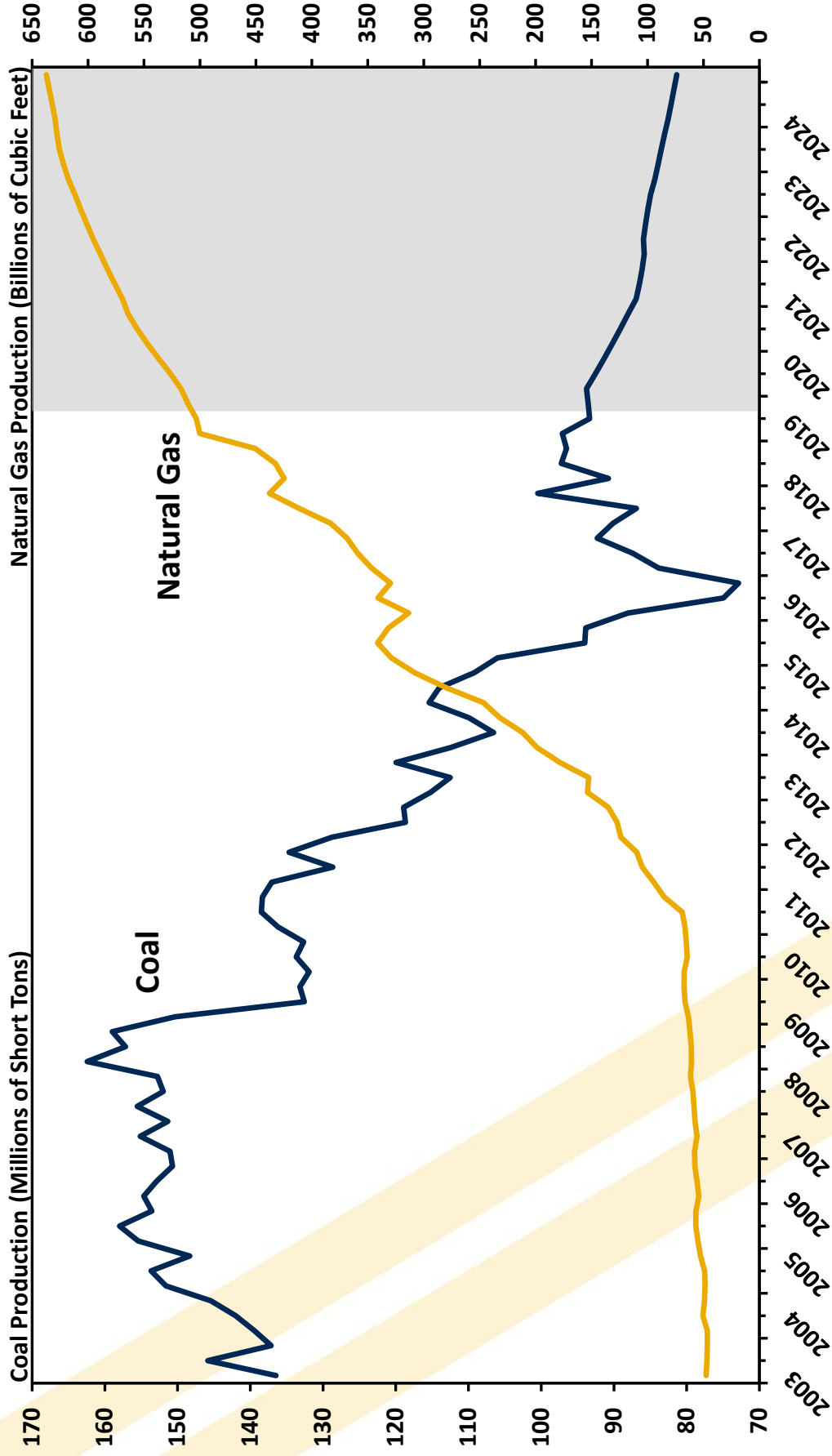
Total Employment



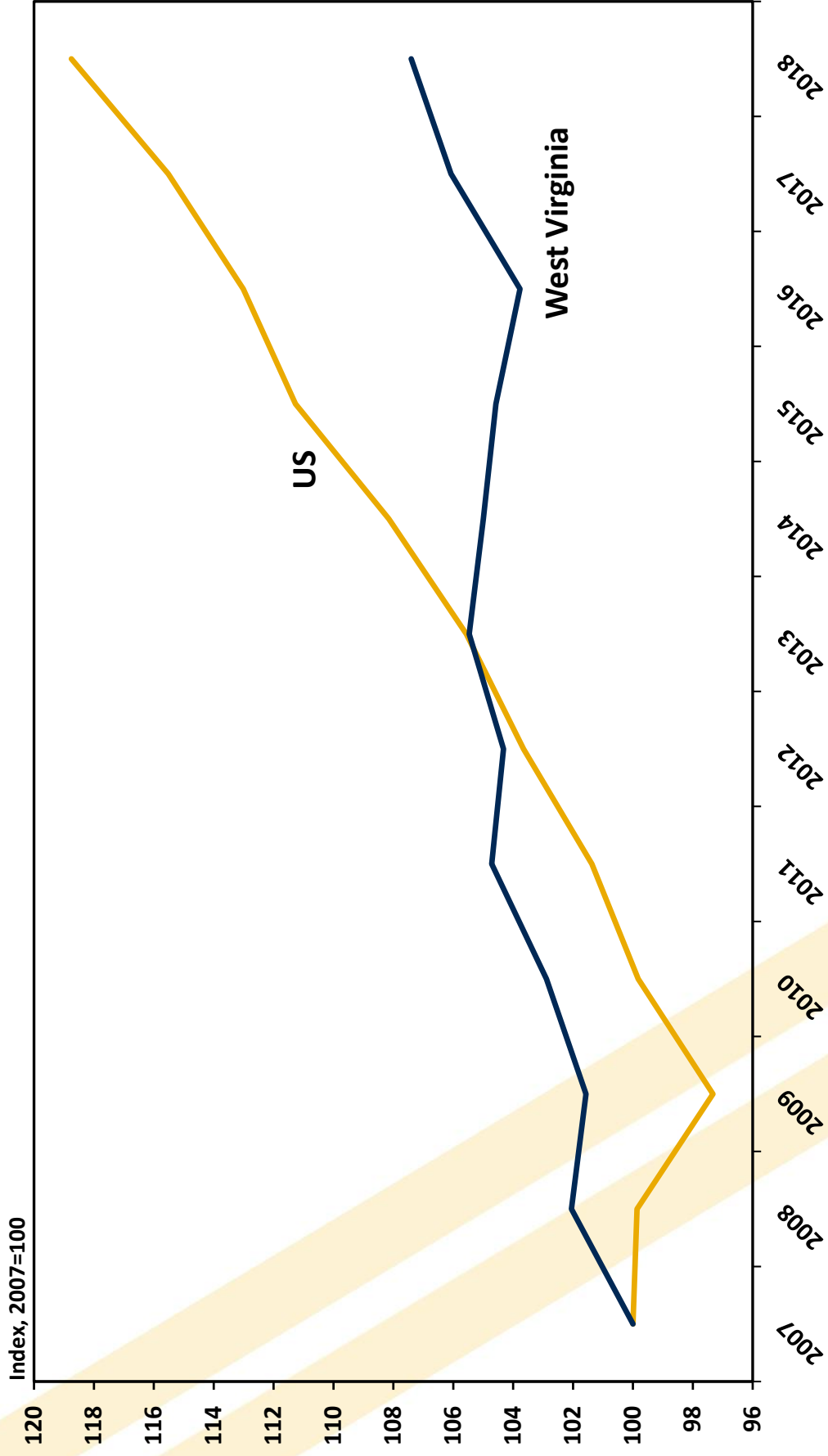
West Virginia Coal and Natural Gas Output



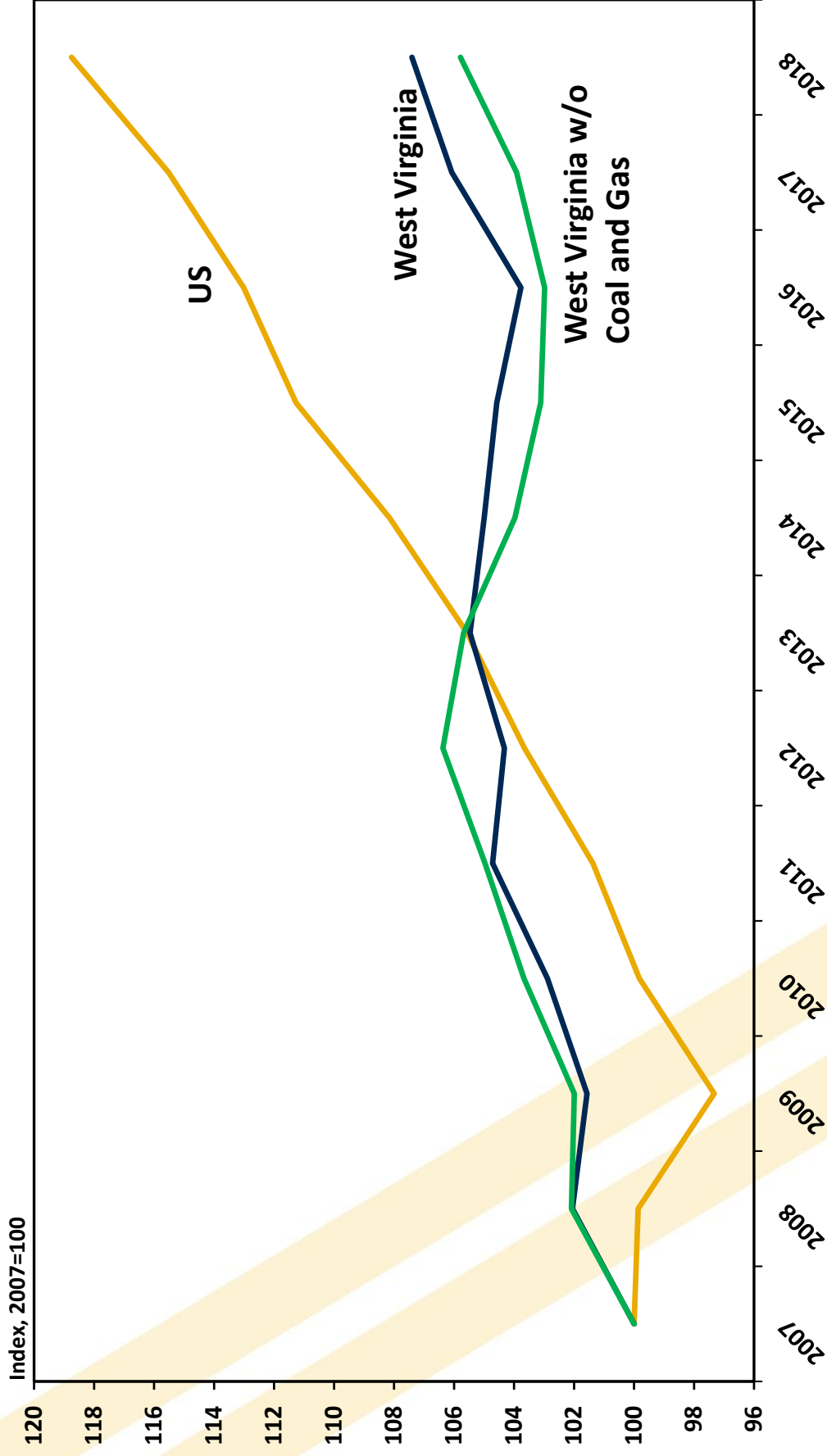
West Virginia Coal and Natural Gas Output



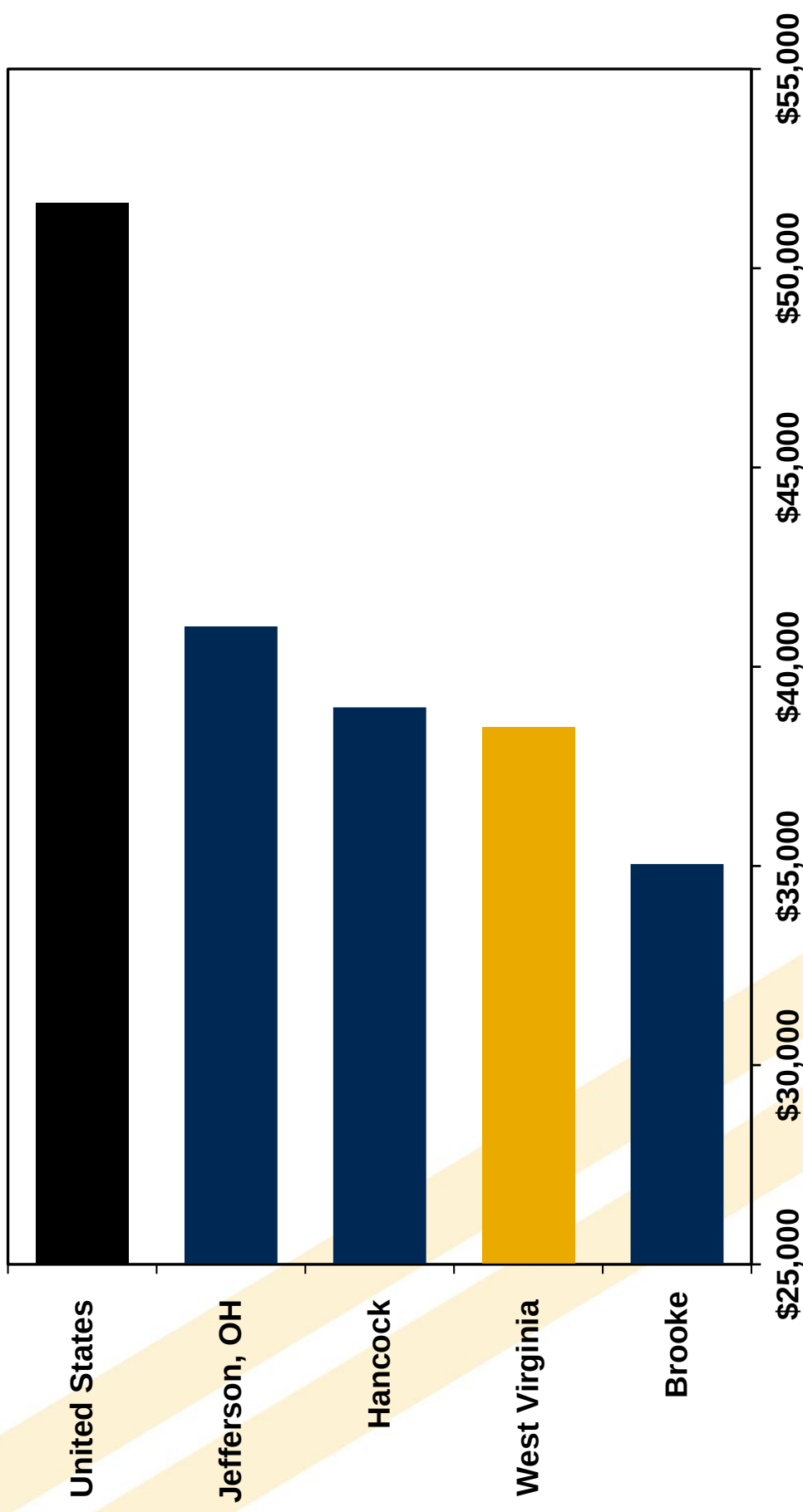
Real GDP Growth



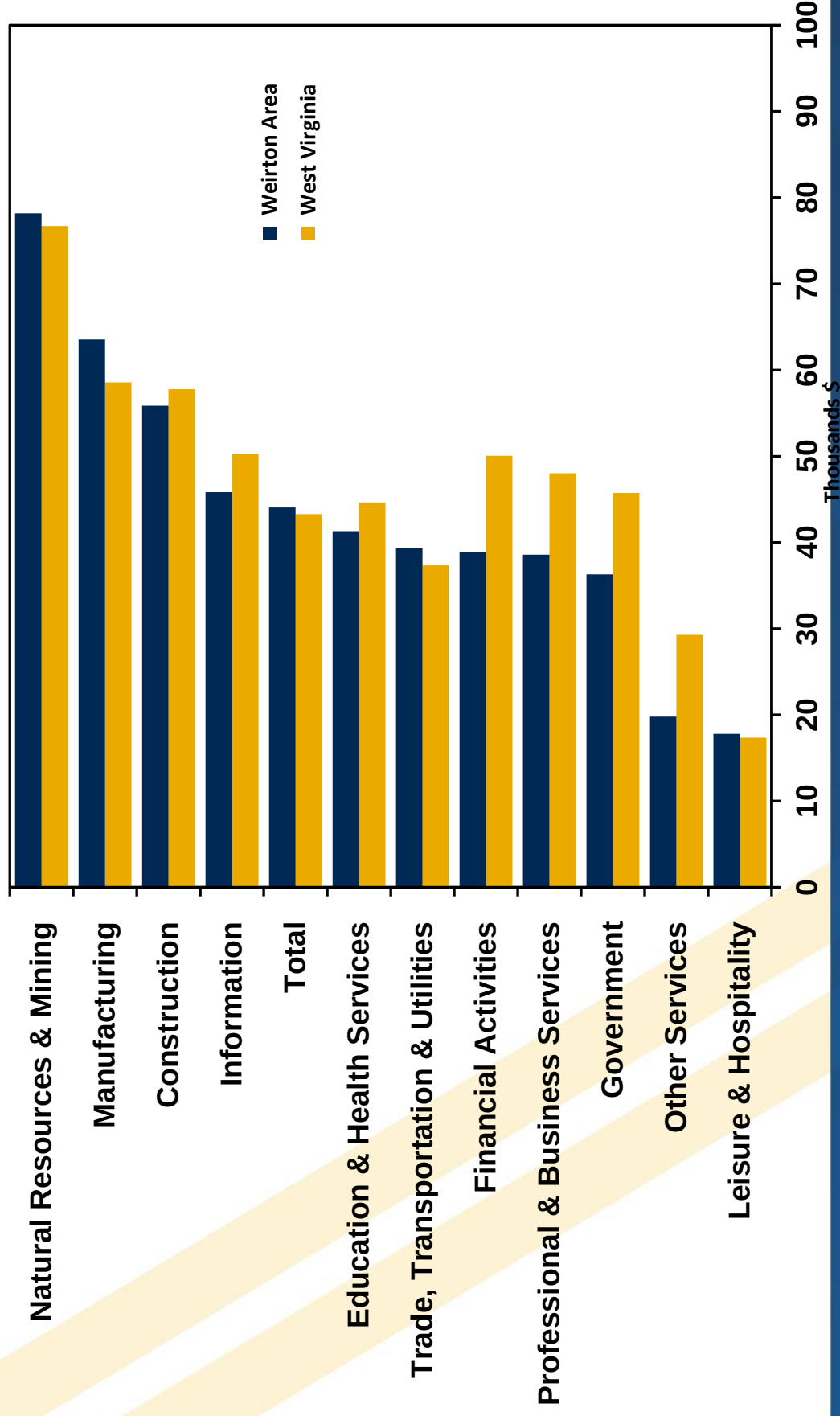
Real GDP Growth



Per Capita Personal Income by Area (2017)

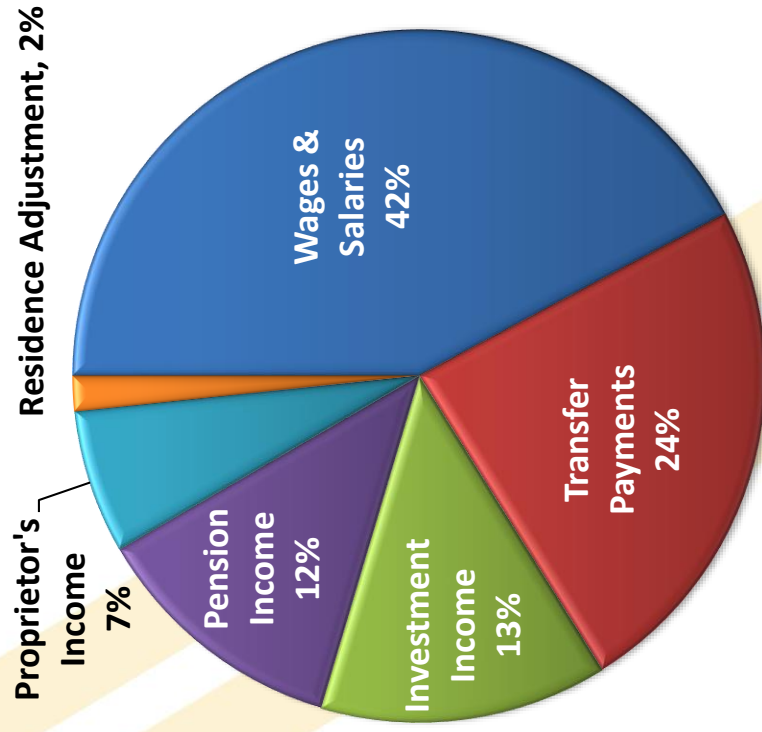


Average Annual Salary by Major Sector (2017)

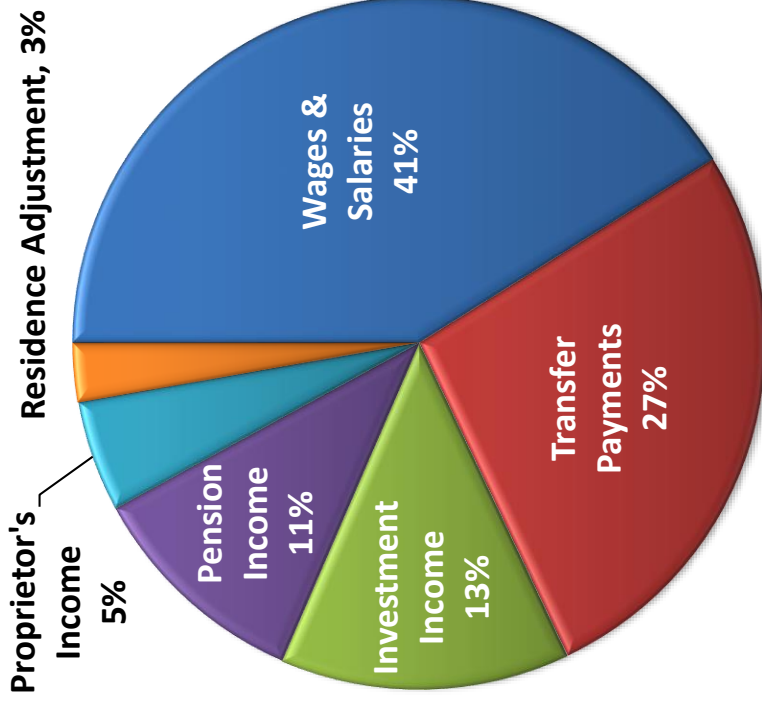


Share of Personal Income by Component

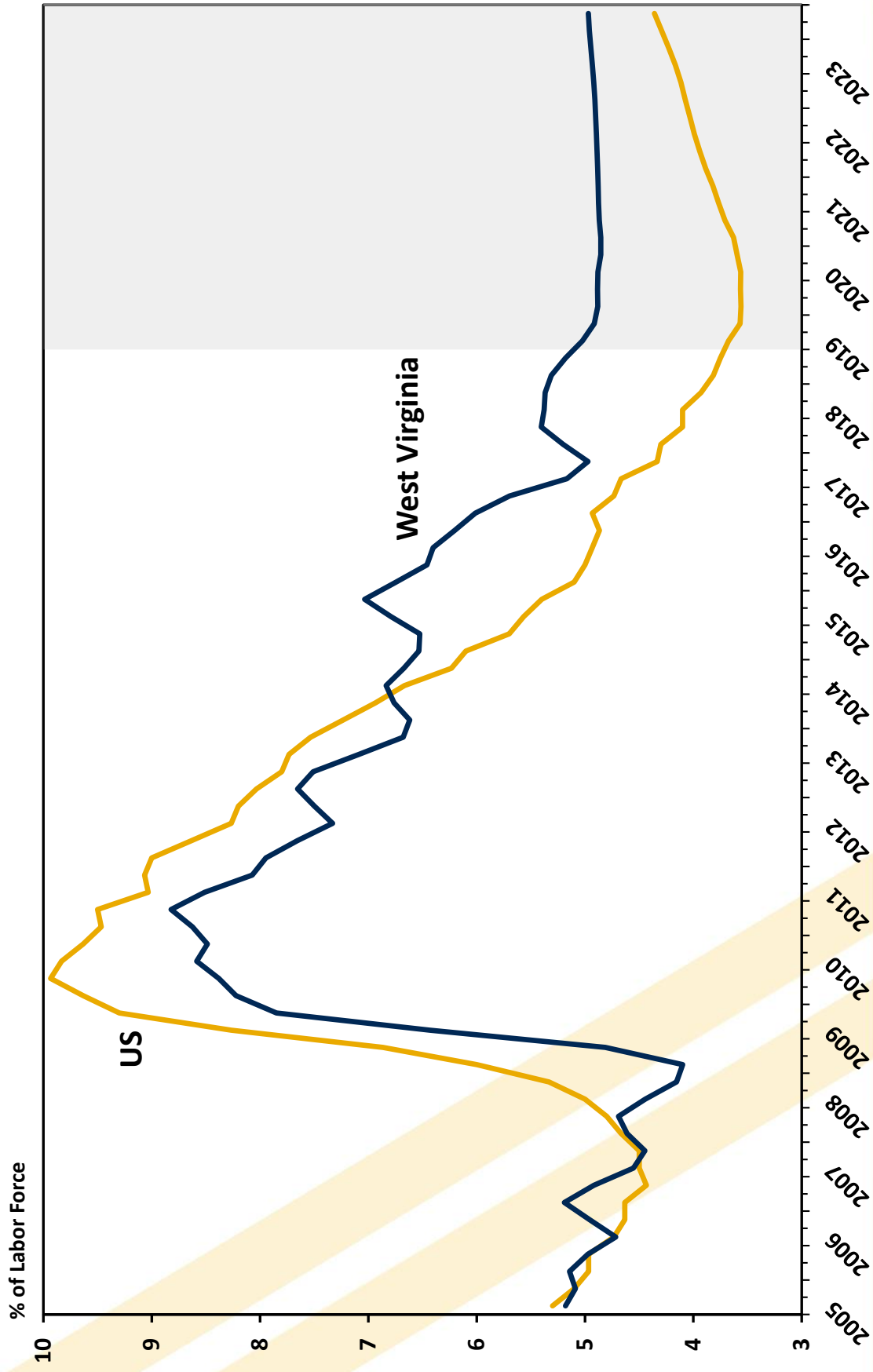
2003



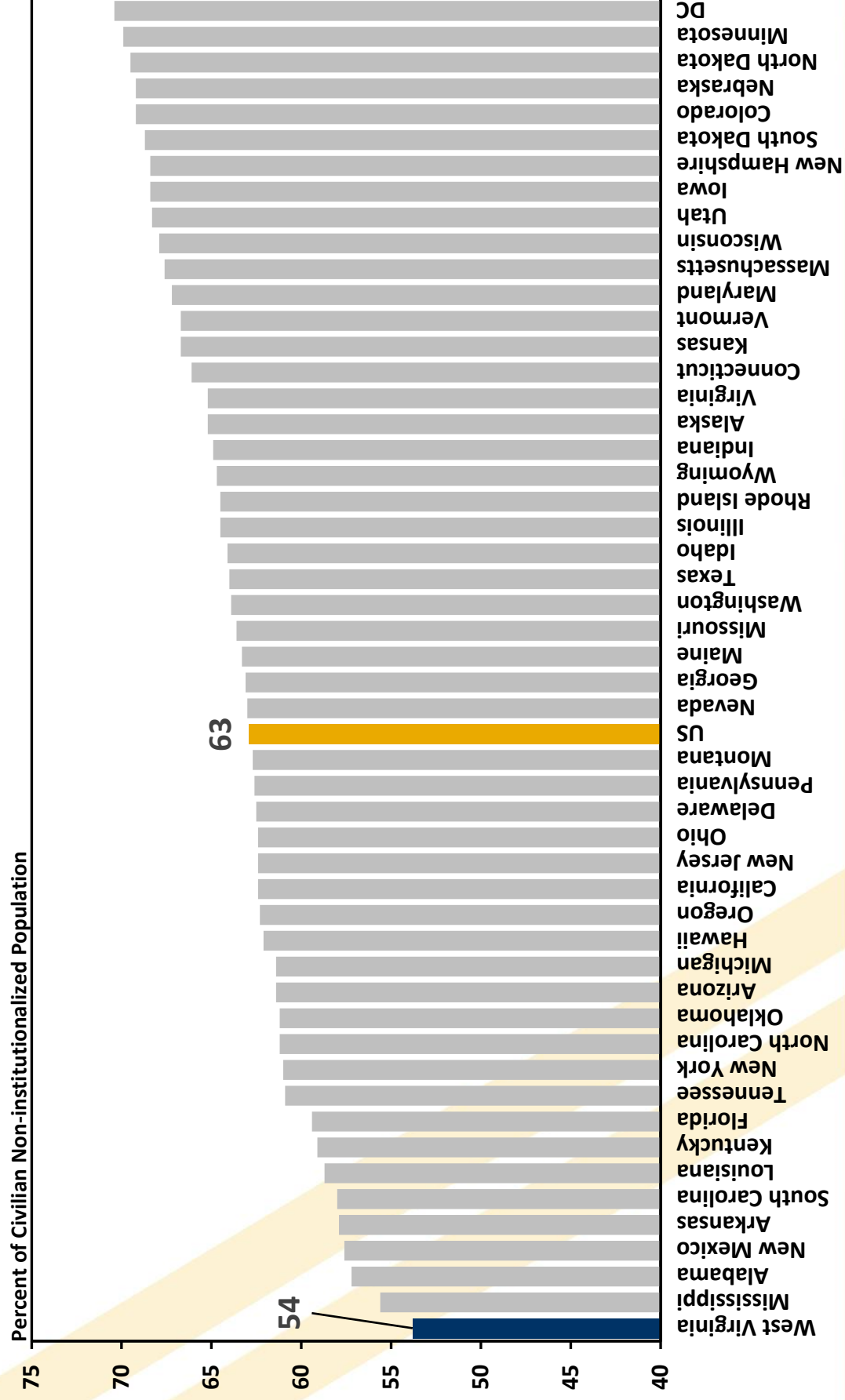
2023



Unemployment



Labor Force Participation (2018)

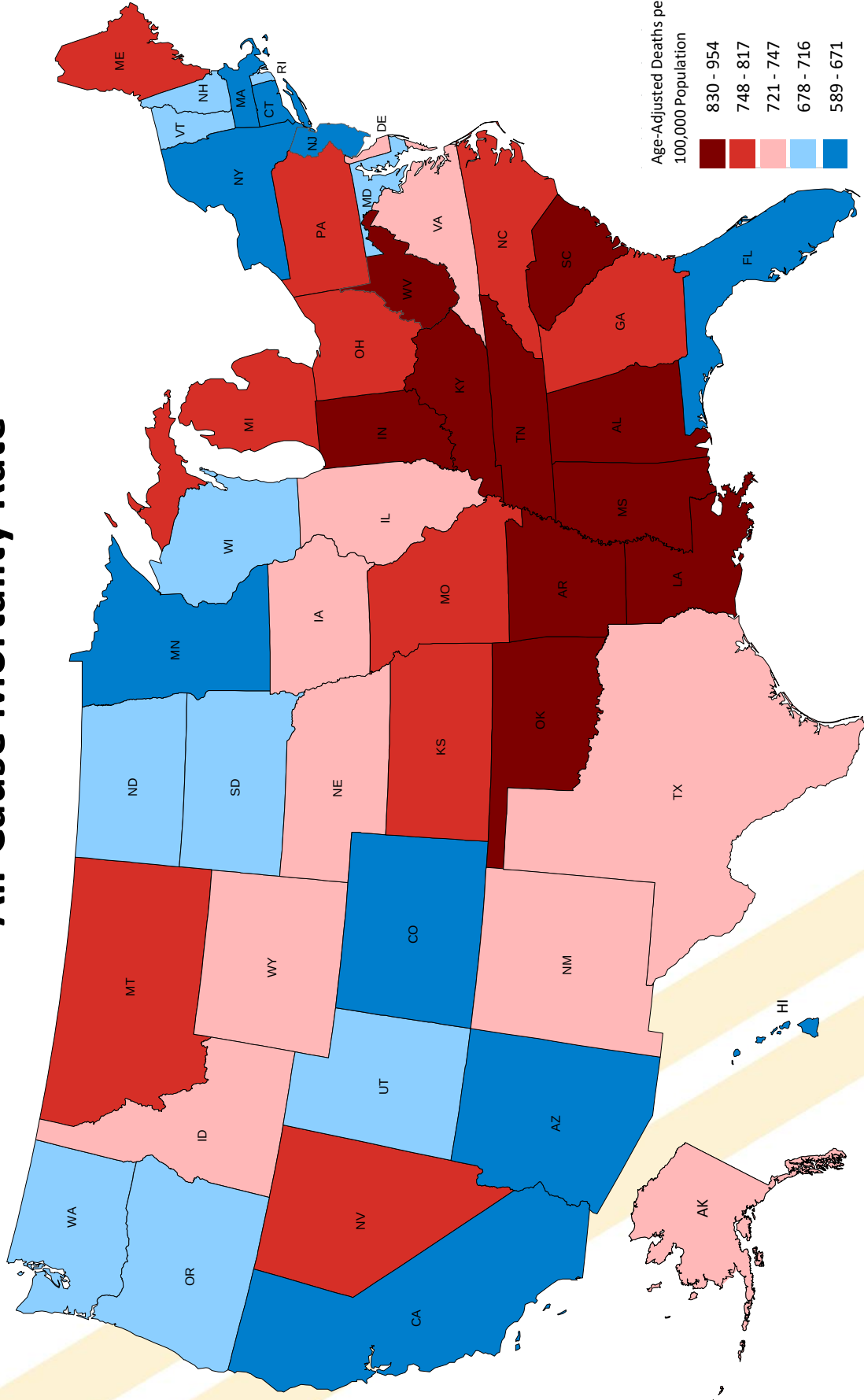


% With a BS Degree or Higher

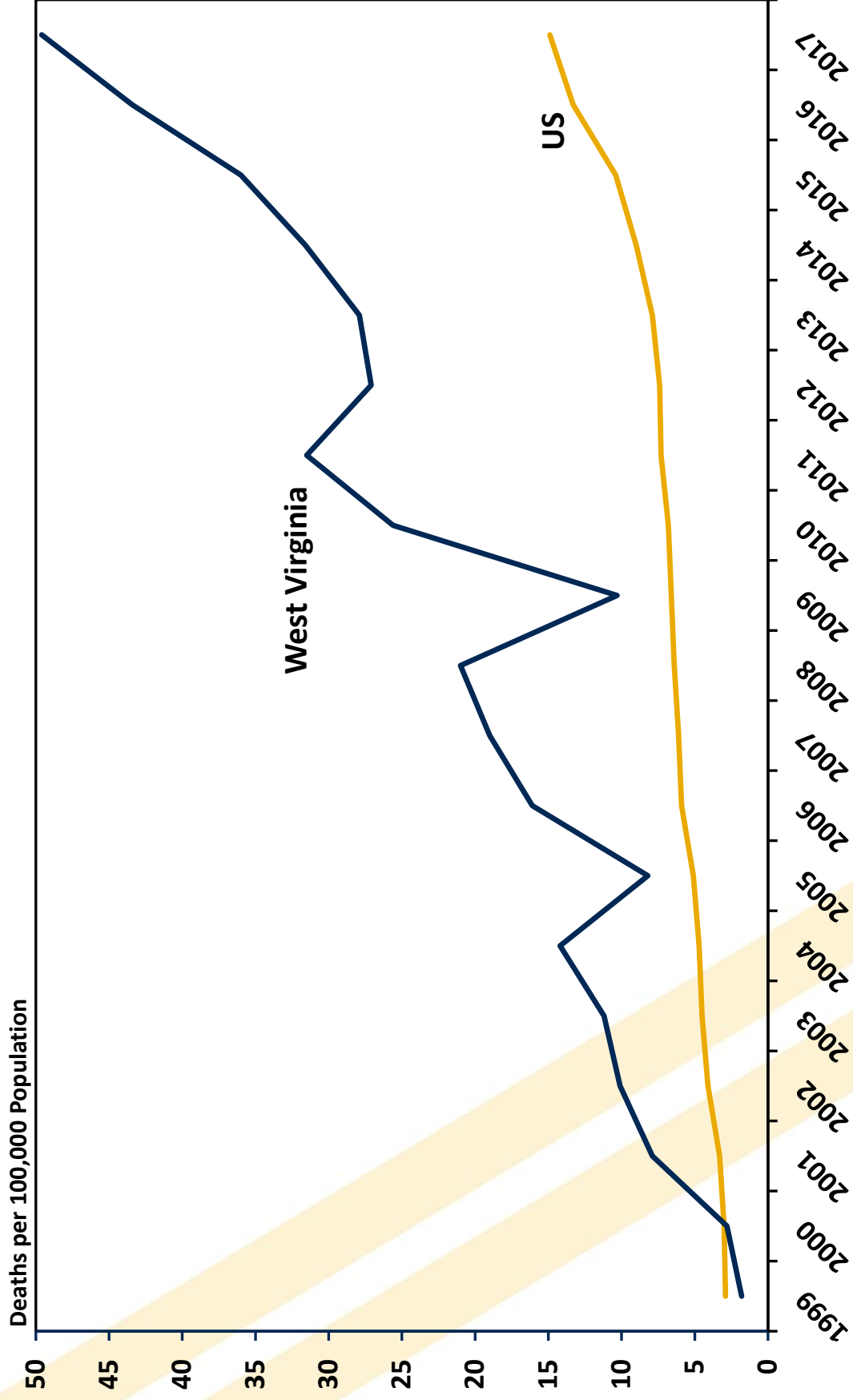
Color	Percentage Range
Red	21.9 - 27.1
Light Red	27.2 - 31.9
Light Blue	32.0 - 35.9
Blue	36.0 - 50.1

The map shows that states like Alaska, Nevada, Arizona, New Mexico, Oklahoma, Arkansas, Mississippi, Alabama, Louisiana, Texas, Florida, Georgia, South Carolina, North Carolina, Tennessee, Kentucky, West Virginia, and Mississippi have the lowest percentage of the population with a bachelor's degree or higher (21.9 - 27.1%). States like California, New York, Illinois, Minnesota, and Colorado have the highest percentage (36.0 - 50.1%).

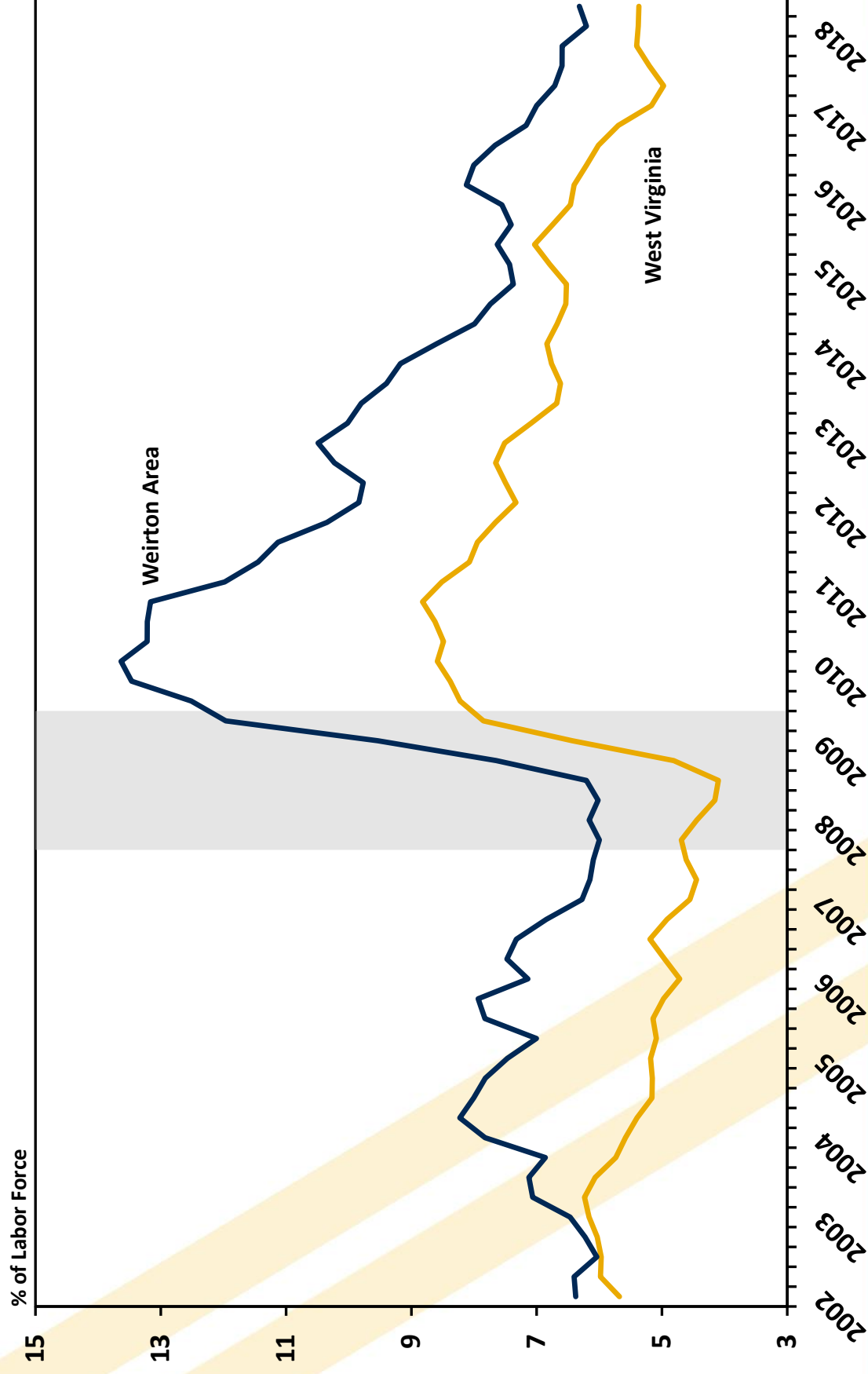
All-Cause Mortality Rate



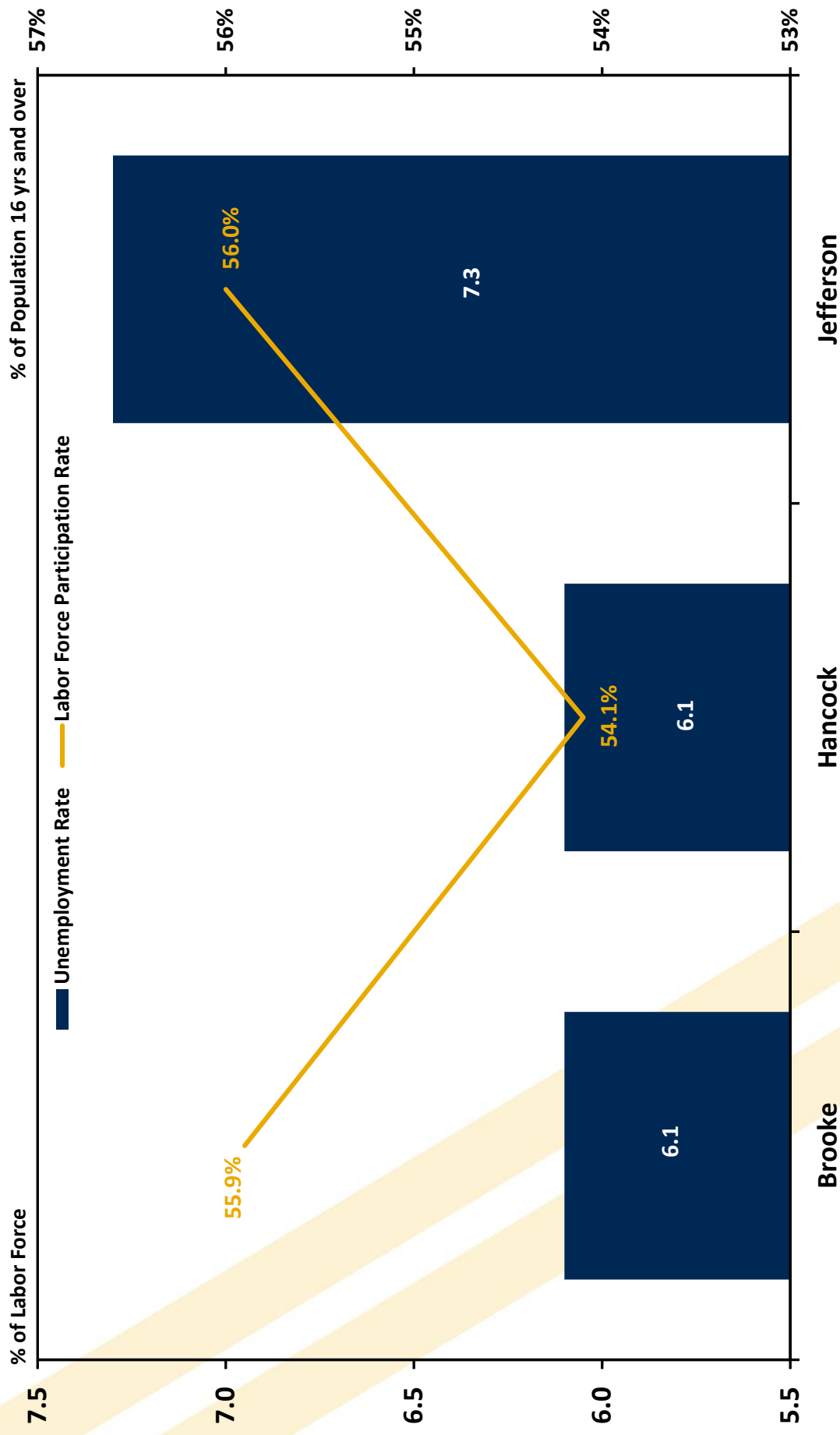
Opioid-Overdose Deaths, U.S. and WV



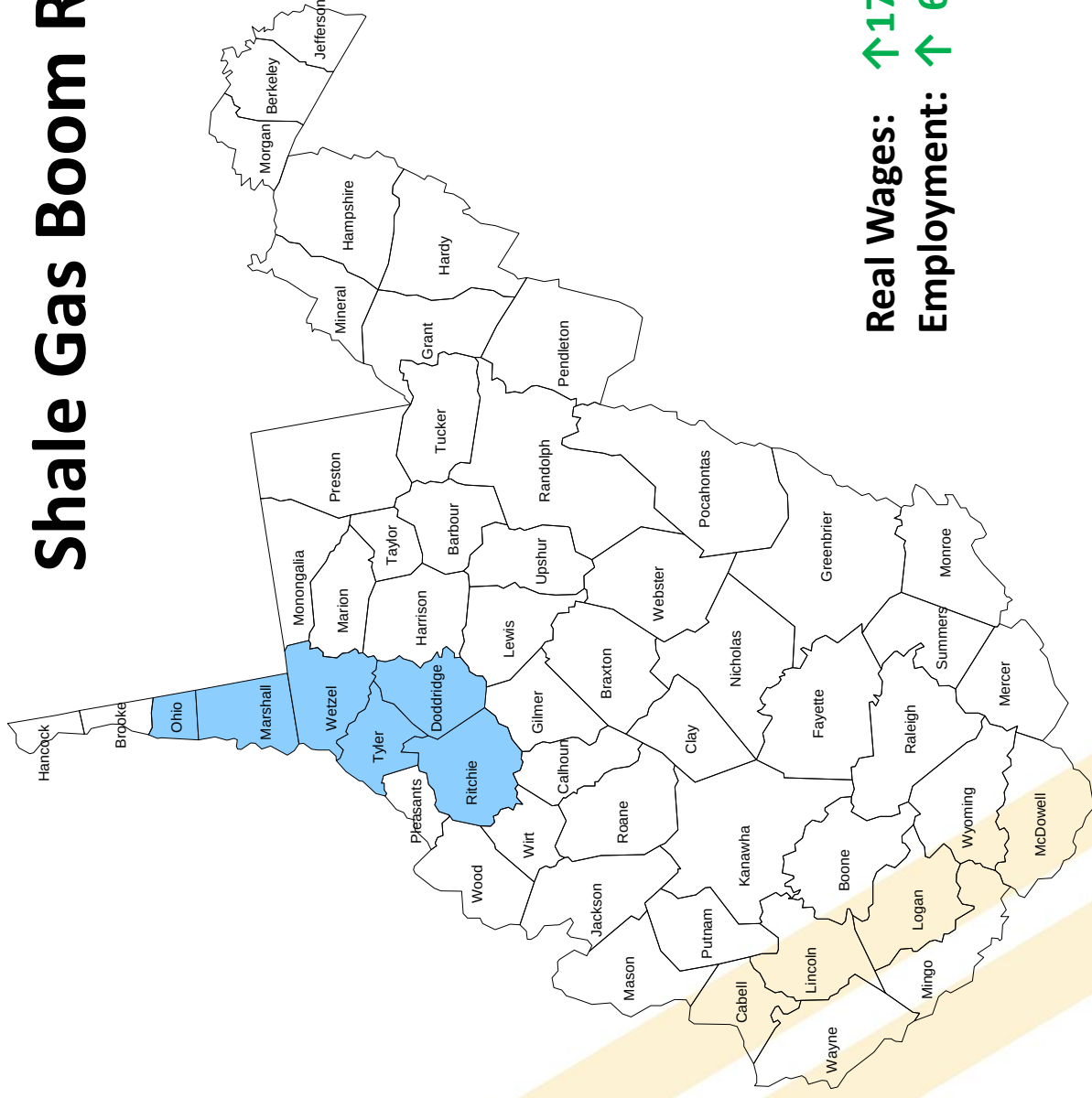
Unemployment Rate – Weirton Region



Unemployment and Labor Force Participation by County

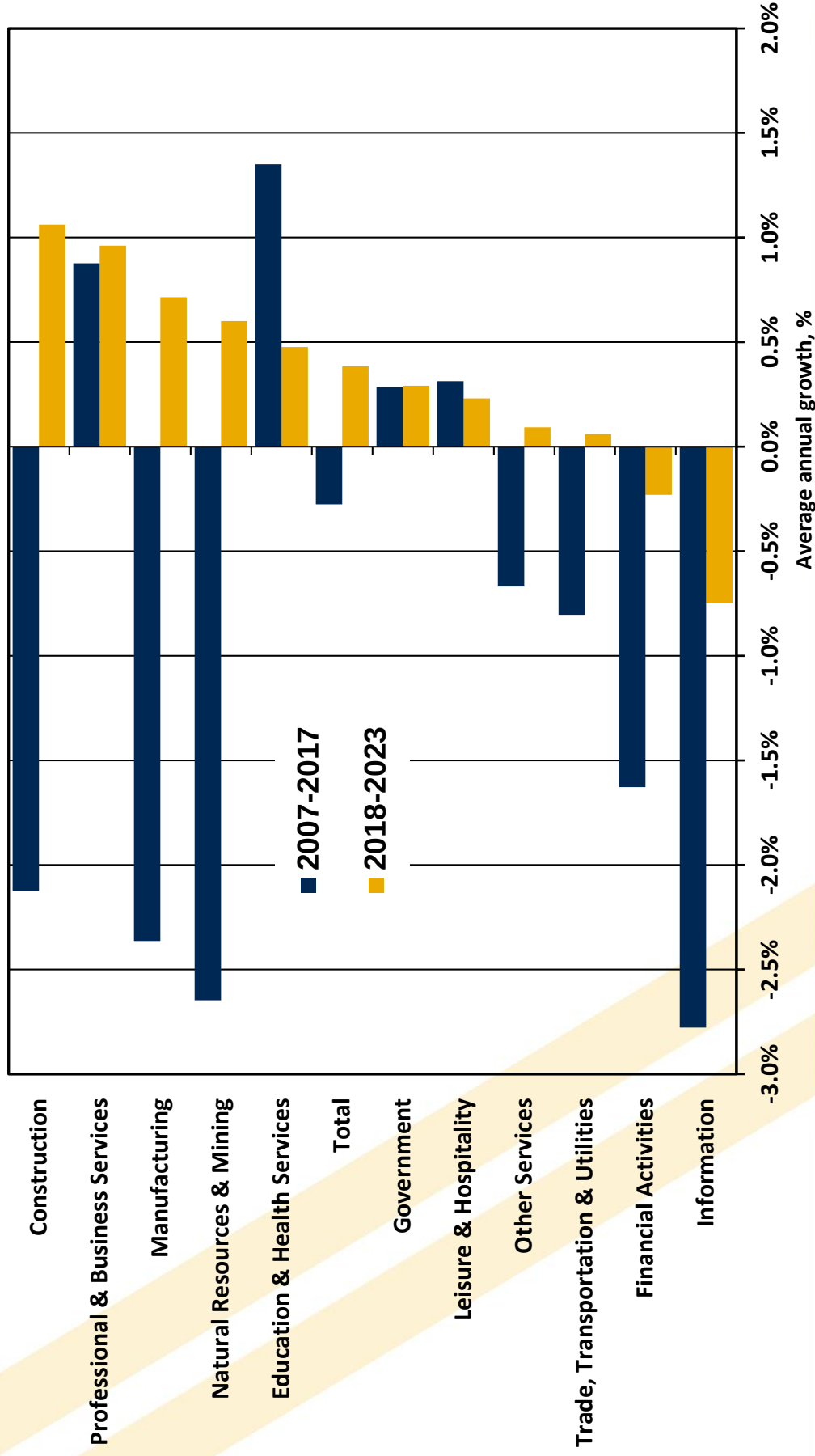


Shale Gas Boom Region

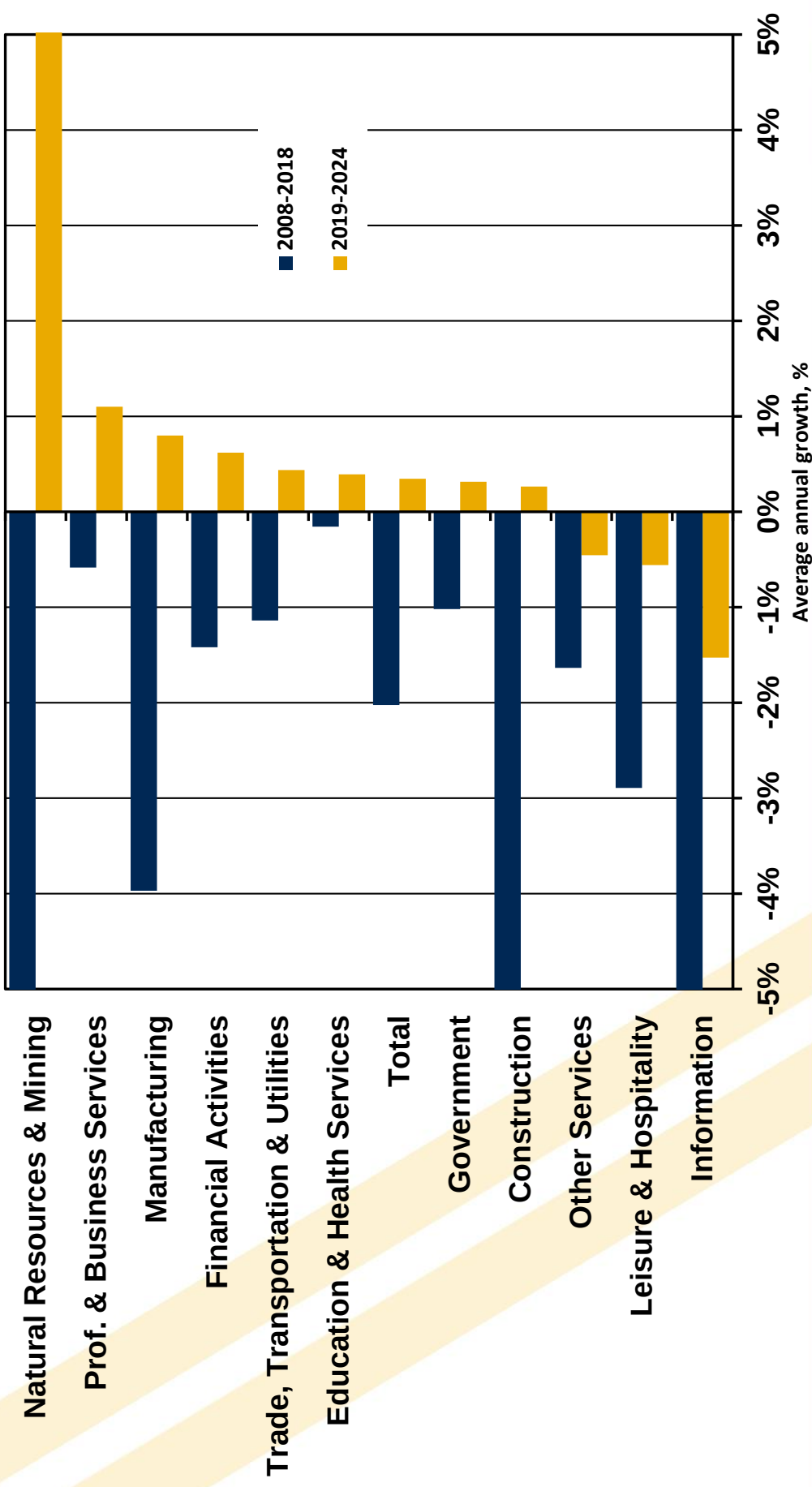


Real Wages: ↑17% since 2014Q1
Employment: ↑ 6%

West Virginia Employment Growth Forecast by Sector



Weirton Area Employment Growth Forecast by Sector



What We Think About

- Think Positive:
 - We're Improving!
- But Think Realistic:
 - Real Sense of Urgency
- Think People:
 - Human Capital
- Think Regionally
 - Lots of Opportunity
- Think Entrepreneurship
- Think Downstream Gas Manufacturing Development
- Think Tourism:
- Think New Industries