Jobenomics: The economics of job and small business creation.

Jobenomics West Virginia Goal: Create 15,000 new jobs within the next 5-years with emphasis on citizens who want a career or start a business.

Tom Willis, Jobenomics West Virginia Managing Director
Chuck Vollmer, Jobenomics Founder and President

24 March 2018
Jobenomics
Bipartisan National Grassroots Movement

- Started in 2010, estimated following: 20 million
- Outreach via TV, radio, lectures, social media
- Website receives 30,000 monthly page views with most viewers spending a half hour or more online.

Books and Research

- Nine books on economic, business and workforce development
- Monthly reports on U.S. employment and GDP trends
- Special reports on emerging global and national issues

City and State Initiatives and Programs

- Over a dozen ongoing efforts led by local community leaders
- Two highly-scalable national turnkey programs

Primary focus: economic, community, business and workforce development in financially-distressed communities.
Research Books & E-Books

Extensive research on emerging economic and labor force trends and highly-scalable business opportunities.
### Jobenomics State & City Initiatives

**Program Development/Implementation In Progress**

<table>
<thead>
<tr>
<th>Initiative</th>
<th>Community Leader(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobenomics Erie Pennsylvania</td>
<td>Board Established</td>
</tr>
<tr>
<td>Jobenomics Las Vegas</td>
<td>Col. (R) Steve Seroka</td>
</tr>
<tr>
<td>Jobenomics Austin (Chicago)</td>
<td>Rev. Rob Stephenson</td>
</tr>
<tr>
<td>Jobenomics Manatee County (FL)</td>
<td>Mr. Rob Hartwell</td>
</tr>
<tr>
<td>Jobenomics West Virginia</td>
<td>Mr. Tom Willis</td>
</tr>
</tbody>
</table>

**Initiative Discussion/Negotiation Underway**

<table>
<thead>
<tr>
<th>Initiative</th>
<th>Community Leader(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobenomics Workforce Reentry Program Phoenix</td>
<td>Mr. Doyle Davis</td>
</tr>
<tr>
<td>Jobenomics North Carolina</td>
<td>Mr. Joe Magno</td>
</tr>
<tr>
<td>Jobenomics Southern Maryland</td>
<td>Mr. Aurelio Azpiazu</td>
</tr>
<tr>
<td>Jobenomics Cincinnati (OH)</td>
<td>Mr. Uche Agomuo</td>
</tr>
<tr>
<td>Jobenomics Charlotte (NC)</td>
<td>Mr. Bob Johnson</td>
</tr>
<tr>
<td>Jobenomics Puerto Rico</td>
<td>Mr. Pierre Laguerre</td>
</tr>
<tr>
<td>Jobenomics Buffalo (NY)</td>
<td>Mr. Ron Clayton</td>
</tr>
</tbody>
</table>

**Currently Inactive**

<table>
<thead>
<tr>
<th>Initiative</th>
<th>Community Leader(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jobenomics Harlem/New York City</td>
<td>Rev. Michael Faulkner</td>
</tr>
<tr>
<td>Jobenomics Baltimore</td>
<td>Rev. Dr. Al Hathaway</td>
</tr>
<tr>
<td>Jobenomics Delaware</td>
<td>Mr. La Mar Gunn</td>
</tr>
</tbody>
</table>

**Tom Willis** assumed the lead for Jobenomics West Virginia.
Jobenomics WV Goal: Replace Lost Jobs

Source; U.S. Bureau of Labor Statistics, CPS (Household) Survey

<table>
<thead>
<tr>
<th></th>
<th>Total Employed (Nonfarm &amp; Farm)</th>
<th>Industry &amp; Government Jobs</th>
<th>Farm &amp; Other Employment</th>
<th>Total Unemployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 2007</td>
<td>777,493</td>
<td>760,200</td>
<td>CPS</td>
<td>37,838</td>
</tr>
<tr>
<td>December 2017</td>
<td>739,601</td>
<td>748,100</td>
<td>Estimates</td>
<td>42,251</td>
</tr>
<tr>
<td>△</td>
<td>-37,892</td>
<td>-12,100</td>
<td>-25,792</td>
<td>-4,413</td>
</tr>
</tbody>
</table>

Government & Industry Growth Sectors

- Government
  - December 2007: 145.6
  - December 2017: 154.5
- Education & Health Services
  - December 2007: 72.9
  - December 2017: 75.6
- Leisure & Hospitality
  - December 2007: 61.6
  - December 2017: 64.6

Government & Industry Decaying Sectors

- Trade, Transportation, and Utilities
  - December 2007: 143.5
  - December 2017: 128.2
- Other Services
  - December 2007: 55.3
  - December 2017: 53.8
- Manufacturing
  - December 2007: 46.0
  - December 2017: 46.0
- Construction
  - December 2007: 38.1
  - December 2017: 33.1
- Financial Activities
  - December 2007: 30.2
  - December 2017: 27.5
- Mining and Logging
  - December 2007: 28.8
  - December 2017: 21.3
- Information
  - December 2007: 9.3
  - December 2017: 9.3

Source; U.S. Bureau of Labor Statistics, CES (Business Establishment) Survey
### Initial Goal: **15,000 Jobs**

#### Direct Care Centers

| 3,500 Jobs | Healthcare & Social Assistance (Fastest-growing occupational field)  
|            | Behavioral Care (Drug, obesity, smoking, PTSD, chronic pain, and illness care)  
|            | Elder and Child care (Home-based microbusiness to provide in-home care) |

#### Energy Technology Revolution

| 2,000 Jobs | Coal (Advancing Clean-coal, above-ground (Fischer-Tropsch) gasification, underground (in-situ) gasification, and CO₂ sequestration technologies)  
|            | Marcellus Oil and Gas (exploit Administration's energy dominance program, emerging CNG/LNG opportunities, and three new WV natural gas pipelines). |

#### Network Technology Revolution

| 5,000 Jobs | Digital Economy Microbusinesses for WV Digital Natives (E-Commerce, Mobile Commerce, Tele-Medicine, Apps/Bot/AI Economy, Shared Economy, On-Demand Economy, Gig/Contingent Workforce Economy, Internet of Things Economy) |

#### Urban Mining

| 1000 Jobs | eCyclingWV Electronic Waste Material Reclamation Facilities  
|          | Light Industrial Manufacturing Using Low-Cost Reclaimed Materials |

#### Eco-Tourism

| 1000 Jobs | Destination Planning System (with omni-channel strategy and mobile apps)  
|          | Glamping Adventure, Entertainment and Nature Venues |

#### Controlled Environment Agriculture/Aquaculture

| 4,000 Jobs | ACTS Freedom Farms Indoor Hydroponics and Vertical Farming Microfarms  
|           | AG-Related Manufacturing & Research |
West Virginia Median Household Income

Source: U.S. Census Bureau 2015 ACS 5-Year Estimate, DataUSA

- **Lowest**: McDowell County, $24,921 (55% Below National)
- **Highest**: Jefferson County, $66,677

- **Median Household Income**: $42,019 (National average: $55,775) 25% Below
- **Poverty Level**: 17.9% (National average: 14.7%) 7% Above
Jobenomics Community-Based Business Generator (CBBG) Process

Labor Pool of People Interested In Workfare

Top Candidates Selected By Schools, Non-Profits, Churches, Sports Teams, Etc.

Top Candidates

JCBBG Candidate Interviews, Aptitude Testing and Counseling

Sent To Other Educational and Training Centers for Career Development

Federally Certified Training

JCBBG Leadership, Skills-Based Training and Certification Programs

9,000 Online Programs

Hired by Existing Companies Looking For Pre-Qualified Employees

Start Small Business

Every candidate that enters the Jobenomics Program will incorporate their own self-employed business (S-Corp).
Top Priority Is To Fill Current Open U.S. Jobs

6,252,000 Unfilled Jobs

Service-Providing Industries

<table>
<thead>
<tr>
<th>Industry</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail &amp; Wholesale Trade</td>
<td>21</td>
</tr>
<tr>
<td>Health Care</td>
<td>1,090</td>
</tr>
<tr>
<td>Accommodation &amp; Food Services</td>
<td>1,134</td>
</tr>
<tr>
<td>Government State/Local</td>
<td>713</td>
</tr>
</tbody>
</table>

Goods-Producing Industries

<table>
<thead>
<tr>
<th>Industry</th>
<th>Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining &amp; Logging</td>
<td>250</td>
</tr>
<tr>
<td>Construction</td>
<td>427</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>858</td>
</tr>
<tr>
<td>Trade, Transportation &amp; Utilities</td>
<td>305</td>
</tr>
<tr>
<td>Information</td>
<td>124</td>
</tr>
<tr>
<td>Financial Activities</td>
<td>372</td>
</tr>
<tr>
<td>Professional &amp; Business Services</td>
<td>1,134</td>
</tr>
<tr>
<td>Education &amp; Health Services</td>
<td>120</td>
</tr>
<tr>
<td>Leisure &amp; Hospitality</td>
<td>713</td>
</tr>
<tr>
<td>Other Services</td>
<td>210</td>
</tr>
<tr>
<td>State/Local, Federal</td>
<td>452</td>
</tr>
</tbody>
</table>

These jobs are mostly open due to a lack of certified skills.
Digital Economy Training & Certification

- Standard economy growing at 1.2%/per versus digital economy’s 15%/year. **Total global economic impact $124 trillion by 2025.**
- Digital economy is ideal for **West Virginia’s Generation Z digital natives**—most of whom want to start a self-employed business.

**Digital Economy:**
- E-Commerce Economy
- Sharing Economy
- On-Demand Economy
- Apps/Bots/AI Economy
- Platform Economy
- Gig Economy
- Data-Driven Economy
- Internet of Things Economy

In order to stop the population and **brain drain**, West Virginia must retain their digital-savvy youth via digital economy jobs.
Direct-Care

Direct-Care services include:

- Healthcare and social assistance services, the fastest growing occupation in the USA.
- Behavioral-care includes drug addition, PTSD, obesity, spousal abuse, chronic illness, etc.
- Elder-care forecasts 17 million assisted-living bed shortfall by 2020.
- Child-care is the single biggest cost keeping women homebound.

Direct-Care Center would connect service providers and clients via a call and information center. The center would start home-based firms certified to provide in-home services while connected to tele-health and other providers.

Jobenomics Community-Based Business Generators would certify employees and small businesses for the Direct-Care Center.
Healthcare and Social Assistance

Healthcare and Social Assistance are the fastest growing U.S. occupations. **4 million new jobs**, or 40% of all new jobs, are projected next decade. Most do not require college degree.

<table>
<thead>
<tr>
<th>College Degree</th>
<th>Occupation</th>
<th>Number of U.S. Jobs In 2014</th>
<th>Number of New Jobs</th>
<th>Growth Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Personal care aides</td>
<td>1,768,400</td>
<td>458,100</td>
<td>26%</td>
</tr>
<tr>
<td>Yes</td>
<td>Registered nurses</td>
<td>2,751,000</td>
<td>439,300</td>
<td>16%</td>
</tr>
<tr>
<td>No</td>
<td>Home health aides</td>
<td>913,500</td>
<td>348,400</td>
<td>38%</td>
</tr>
<tr>
<td>No</td>
<td>Nursing assistants</td>
<td>1,545,200</td>
<td>267,800</td>
<td>17%</td>
</tr>
<tr>
<td>No</td>
<td>Medical assistants</td>
<td>591,300</td>
<td>138,900</td>
<td>23%</td>
</tr>
<tr>
<td>No</td>
<td>Medical secretaries</td>
<td>3,976,800</td>
<td>118,800</td>
<td>3%</td>
</tr>
<tr>
<td>No</td>
<td>Licensed practical and licensed vocational nurses</td>
<td>719,900</td>
<td>117,300</td>
<td>16%</td>
</tr>
<tr>
<td>Yes</td>
<td>Physicians and surgeons</td>
<td>708,300</td>
<td>99,300</td>
<td>14%</td>
</tr>
<tr>
<td>Yes</td>
<td>Physical therapists</td>
<td>210,900</td>
<td>71,800</td>
<td>34%</td>
</tr>
<tr>
<td>No</td>
<td>Childcare workers</td>
<td>1,260,600</td>
<td>69,300</td>
<td>5%</td>
</tr>
<tr>
<td>No</td>
<td>Dental assistants</td>
<td>318,800</td>
<td>58,600</td>
<td>18%</td>
</tr>
<tr>
<td>No</td>
<td>Emergency medical technicians and paramedics</td>
<td>241,200</td>
<td>58,500</td>
<td>24%</td>
</tr>
<tr>
<td>No</td>
<td>Medical and health services managers</td>
<td>333,000</td>
<td>56,300</td>
<td>17%</td>
</tr>
</tbody>
</table>

Jobenomics skills-based training and certification programs can mass-produce home-based self-employed Direct-Care businesses.
The Energy Technology Revolution is creating millions of new jobs and small businesses.

West Virginia, an energy-State, needs to create a collaborative (community, industry, academia) Energy Technology & Training Centers.

The focus of these centers is to mass-produce startup businesses and jobs related to emerging energy technologies.

- **Coal** including clean coal and other coal-related technologies
- **Natural Gas** (Marcellus) LNG, CNG, GTL and supply chain jobs.
- **Renewables** with emphasis on mass-producing installation and maintenance businesses.

Federal funding is available to retrain idle coal miners.
Other Energy Opportunities

Coal Programs/Research
- Clean coal research
- Coal bed methane and in-situ coal gasification testbeds
- CO2 sequestration
(Note: USG supports 300,000 jobs with corn to ethanol and biodiesel programs)

Marcellus Pipeline Businesses
- Tens of thousands of direct jobs, 3-times more indirect jobs
- Construction, transportation, logistics, accommodation, hospitality, food service, etc.

ETTCs would train and certify people for these jobs.
ETTC Startup

ETTC energy training and certification programs will be designed and initially led by Jobenomics’ Joe Sarubbi, a project manager for several national Department of Energy initiatives.

Mr. Sarubbi was the main architect of New York State’s TEC-SMART, America’s first totally integrated Training and Education Center for Semi-Conductor Manufacturing and Alternative and Renewable Technologies as shown.

ETTCs will collaborate with Community-Based Business Generators to mass produce energy-related micro-businesses.
Eco-Tourism & Glamping

Eco-Tourism entails "responsible travel to natural areas that conserves the environment and sustains the wellbeing of local people." The International Eco-Tourism Society

- Eco-tourism, called "experimental" tourism, offers time to unwind in peaceful places (often rural) untouched by mindless commercialization.
- Captures $77 billion of the global market and experiencing double-digit gains that are likely to accelerate as concern about global warming rises.

Glamping (glamorous camping) is an outdoor hospitality industry more luxurious than traditional camping—often associated with festivals, nature preserves and sports.

- $3 billion/year industry.
- Popular with millennials.
- Typical accommodations:
  - Cabins
  - Tents
  - Domes

Ideal for West Virginia.
Destination planning systems orient travelers and tourists to local attractions, restaurants and accommodations via mobile apps.
Deployable Dome Manufacturing Equipment

Applications: eco-tourism, pipeline facilities, Boy Scout Jamboree, hunting camps; refugee, humanitarian and disaster relief operations.
Jobenomics ACTS Freedom Farms

Initial cadre will be mostly veterans (vetting and financing considerations) but will also include non-veterans.

Central controlled agricultural center (AG Core) manage and source crop production, processing, distribution and sales to fresh market outlets (grocery, restaurants, and international).

Each micro-farm will consist of the land, 2,500 sq. ft. home and a leased state-of-the-art hydroponic and vertical agriculture 6,000 sq. ft. greenhouse that will be equipped and supplied by AG Core.

Estimated $60,000 annual salary per micro-farmer.
**Controlled Environment Agriculture**

**Team:** Jobenomics is teamed with ACTS Freedom Farms (www.ACTSFFA.com)

**Mission:** Provide a solution to the world’s food shortage through self-sustaining and supportive live-work communities.

**Vision:** Provide quality foods in harmony with the global environment, while empowering individuals to become an important partner in high-tech controlled environment agriculture.

**Strategy:** 1) home ownership combined with an agriculture career, 2) corporate owned hydroponic commercial growing operations and 3) contracted privately owned and operated micro-farmers

Initial operations: **25,000** micro-farms in 5-years.
eCyclingUSA Plants

**Two Line 10 Ton/Hour Plant:**
(Refrigeration & eScrap Separate Lines)
- Equipment ≈ $20 Million
- 40,000 square foot facility
- 10 to 15 acres

**Combination 10 Ton/Hour Plant:**
(Refrigeration & eScrap Shared Post Processing)
- Equipment ≈ $13 Million
- 35,000 square foot facility
- 5 to 10 acres

**eScrap Only 3 Ton/Hour Plant:**
- Equipment ≈ $5 Million
- 8,000 square foot facility
- 1 to 2 acres

eCyclingUSA can implement a turnkey plant *within 12 months.*
Types of E-Waste

- **Household Electronics**
  - IT-Related Products (EPA definition)
  - Consumer Electronics
  - Large Appliances
  - Small Appliances
  - Cleaning/Power Tools
  - Entertainment Systems
  - Toys & Other Electrical Items

- **Business**
  - Computers, Servers, Peripherals
  - Hardware, Cabling, Ducting, Racks
  - Vending Machines & Other Items

- **Government** (Federal, State, Local)

- **Educational, Medical & Industrial**

- **Construction & Demolition Materials**

eCyclingUSA can process these items quickly and cleanly.
Revenue & Profit Projections  
(10 ton/hour plant operating 3 shifts)

$ Value of e-Waste Raw Materials  
For Rough Estimating Purposes Only 
10 ton/hour plant operating 3 shifts per day for 300 days per year
Feedstock: Computers, Consumer Electronics, Small and Large Appliances

<table>
<thead>
<tr>
<th>Metal/Material</th>
<th>% of Feedstock</th>
<th>$s per Metric Ton*</th>
<th>$/Ton (2204 pounds)</th>
<th>Total $/Year (10 ton/hour x 23 hour/day x 300 days/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iron/Steel (Fe)</td>
<td>40%</td>
<td>$350</td>
<td>$140.00</td>
<td>$9,660,000</td>
</tr>
<tr>
<td>Copper (85% Recovery)</td>
<td>5%</td>
<td>$3,945</td>
<td>$197.26</td>
<td>$13,610,802</td>
</tr>
<tr>
<td>Aluminum (Al)</td>
<td>10%</td>
<td>$1,499</td>
<td>$149.87</td>
<td>$10,341,168</td>
</tr>
<tr>
<td>ABS Plastics</td>
<td>25%</td>
<td>$1,675</td>
<td>$418.75</td>
<td>$28,893,750</td>
</tr>
<tr>
<td>Other Plastics</td>
<td>25%</td>
<td>$287</td>
<td>$71.75</td>
<td>$4,950,750</td>
</tr>
<tr>
<td>Computer Components</td>
<td>5%</td>
<td>$2,082</td>
<td>$104.10</td>
<td>$7,182,900</td>
</tr>
</tbody>
</table>

Source: Jobenomics, eCyclingUSA  
110%

Revenue**  
$74,639,370
Cost of goods sold  
$30,238,000
Operating expenses  
$5,780,000
Net Income  
$38,621,370
EBITDA  
52%

* Scrap prices as of 12 March 2018
**Does not include grants, tax incentives or tipping fees

Profits from e-Waste operations can be used for community, micro-business and workforce development.
Jobenomics West Virginia (JWV) Milestones

- 16 February 2018  Initial meeting in Washington DC.
- 2 March 2018    Shepard University Business Incubator meeting & Jobenomics West Virginia launch.
- Mar/Apr 2018     JWV research and coordination.
- 10 April 2018   South Central JWV Town Hall in Glen Ferris.
- 8 May 2018       West Virginia primary elections.
- 9 May 2018       JWV resumes regardless of election outcome.

JWV Next Steps

- Commitment from community leaders to develop and support a city, county or regional JWV program.
- Develop an actionable local JWV business plan with actionable milestones and schedules (Jobenomics will write initial document).
- Obtain local policy-makers and decision-leaders buy-in and support.
- Conduct second Town Hall meeting with citizens and media.
- Obtain seed funding and execute business plan.

Goal: November 2018 program commencement.
Are you interested in starting a Jobenomics West Virginia program for your city, county or region?
Appendix

South Central Jobenomics West Virginia Key Statistics

- Kanawha County
  - Charleston City
- Raleigh County
- Nicholas County
- Fayette County

Other Key City, County or Regional Statistics

- In work
- In work
- In work
South Central West Virginia
Median Household Income

- **Population**: 1.84 million: 92.3% White
- **Median Household Income**: $42,019 (National average: $55,775) 25% Below
- **Poverty Level**: 17.9% (National average: 14.7%) 7% Above

**Source**: U.S. Census Bureau 2015 ACS 5-Year Estimate, DataUSA

**Highest**
- Jefferson County: $66,677
  - National: $55,775

**Lowest**
- McDowell County: $24,921
  - Fayette County: $36,293 (35% Below)
  - Nicholas County: $39,171 (30% Below)
  - Raleigh County: $41,032 (26% Below)
  - Kanawha County: $45,882 (18% Below)

**Wheeling**

**Morgantown**

**Charles Town**

**Parkersburg**

**Huntington**

**Charleston**
Kanawha County

Population: 186,241 (10.1% of WV)
- Race/Ethnicity: 88.6% White
- Growth Rate since 2010: -3.5%
- Elderly (65+) Growth Rate since 2010: +3%
- Poverty Rate 16.8%

Business/Jobs:
- All Firms: 13,653
  - Ownership: Men (54%), Women (32%), Veteran (9%), Minority (7%)
- Employer Establishments: 4,977
  - Total Employment: 84,023
  - Total Employment % Change (2014-15): -3.2%
  - Unemployment Rate: 5.1% (4.1% National)

Most populated WV county and home of State government.

Source: U.S. Census Bureau 2016 Quick Facts, DataUSA, Chamber of Commerce
Charleston City

- **Median Household Income:** $48,442

- **Population:** 49,138 (2.7% of WV)
  - Race/Ethnicity: 88.6% White
  - Growth Rate since 2010: -4.3%
  - Poverty Rate 20.0%

- **Business/Jobs:**
  - All Firms: 7,006
    - Ownership: Men (50%), Women (32%), Veteran (9%), Minority (8%)
  - Employment
    - Total Employment: 23,774
    - Total Employment % Change (2014-15): -1.4%
    - Unemployment Rate: 5.3% (4.1% National)

West Virginia’s center for government, commerce and industry.
Raleigh County

Population: 78,493 (4.3% of WV)
- Race/ethnicity: 87.3% White
- Growth rate since 2010: -2.9%
- Elderly (65+) growth rate since 2010: +3.3%
- Poverty rate 17.4%

Business/Jobs:
- All Firms: 4,621
  - Ownership: Men (53%), Women (34%), Veteran (11%), Minority (10%)
- Employer establishments: 1,829
  - Total Employment: 29,799
  - Total Employment % Change (2014-15): -6.5%
  - Unemployment Rate: 5.5% (4.1% National)

Home of Exhibition Coal Mine, Winterplace Ski Resort and numerous parks, recreation and eco-tourism adventure activities.

Source: U.S. Census Bureau 2016 Quick Facts, DataUSA, Chamber of Commerce
Nicholas County

- Population: 25,311 (1.4% of WV)
  - Race/Ethnicity: 97.9% White
  - Growth Rate since 2010: -3.5%
  - Elderly (65+) Growth Rate since 2010: +3.9%
  - Poverty Rate 21.4%

- Business/Jobs:
  - All Firms: 1,559
    - Ownership: Men (53%), Women (35%), Veteran (10%), Minority (5%)
  - Employer Establishments: 569
    - Total Employment: 6,729
    - Total Employment % Change (2014-15): +2.3%
    - Unemployment Rate: 7.4% (4.1% National)

Summersville Lake and Scenic Byway are within “six to eight hours’ drive of 60% of the urban U.S. population.”
Fayette County

Population: 44,323 (2.4% of WV)
- Race/Ethnicity: 93.6% White
- Growth Rate since 2010: -3.7%
- Elderly (65+) Growth Rate since 2010: +3.0%
- Poverty Rate: 19.7%

Business/Jobs:
- All Firms: 1,968
  - Ownership: Men (51%), Women (34%), Veteran (12%), Minority (5%)
- Employer Establishments: 758
  - Total Employment: 8,152
  - Total Employment % Change (2014-15): -16.3%
  - Unemployment Rate: 7.1% (4.1% National)

## West Virginia County Health Rankings

### Highest

<table>
<thead>
<tr>
<th>Health Outcome</th>
<th>Jefferson County</th>
<th>Kanawha</th>
<th>Summers</th>
<th>Raleigh</th>
<th>Fayette</th>
<th>McDowell County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Health Rating</td>
<td>1</td>
<td>36</td>
<td>41</td>
<td>45</td>
<td>48</td>
<td>55</td>
</tr>
<tr>
<td>(Out of 55 WV counties)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of Life</td>
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<td>48</td>
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<tr>
<td>Quality of Life</td>
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<td>26</td>
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<td>Health Behaviors</td>
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<td>Clinical Care</td>
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<td>Social/Economic Factors</td>
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<td>55</td>
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<tr>
<td>Physical Environment</td>
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<td>40</td>
<td>12</td>
<td>9</td>
<td>36</td>
<td>43</td>
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</tbody>
</table>

### Lowest

Source: CountyHealthRatings.org, 2017 Ratings  **Green** (Upper Half),  **Red** (Lower Half)

A federally-funded/underwritten Jobenomics Direct-Care Program could provide quality care and many jobs for South Central WV.
Jobenomics South Central West Virginia

Economic Development Strengths:

- Homogeneous population of 334,000 citizens (25% urban, 75% rural) with 21,800 Businesses including 8,100 employer firms
- Women-owned (34%), Veteran-owned (10%), Minority-owned (7%) businesses have significant growth potential.
- Pristine but underdeveloped rural communities.

Examples of Potential South Central West Virginia Programs

- Jobenomics Community-Based Business Generator
- Digital Economy Training & Certification Program
- Direct Care Center
- Energy Technology & Training Center
- Eco-Tourism and Glamping Initiative
- Jobenomics-ACTS Freedom Farms
- Jobenomics-eCycling USA

Developing a coalition of community-leaders is the first step towards developing an actionable program.
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