Jobenomics National Grassroots Movement focuses on mass-producing local micro and nonemployer businesses and jobs.



Jobenomics Clayton County will create new businesses and jobs in under-resourced neighborhoods with emphasis on women, minorities, veterans, new workforce entrants and other hopefuls who want a career or start a business.

Chuck Vollmer, Founder, Jobenomics National Grassroots Movement David Quinn, CEO, Millennium Regional Development Corporation

28 August 2019



Jobenomics National Grassroots Movement



Jobenomics



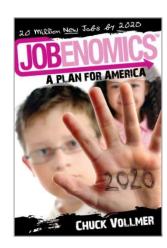
Bipartisan National Grassroots Movement

- Since 2010, estimated audience of 30 million
- Website averages 30,000+ monthly page views
- Jobenomics America TV launched in 2018



Books, Research & Special Reports

- Focus on economic, community, small business and workforce development.
- First book established published 2010.
- Ten e-books and ninety special reports.



City and State Initiatives and Programs

Jobenomics.com

- Two dozen initiatives led by local community leaders.
- Turnkey startup programs implementable within 12-months.

Primary focus: economic, community, small business and workforce development at the base of America's socio-economic pyramid.

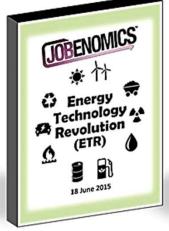
Free E-Books in Jobenomics Library

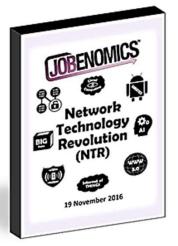




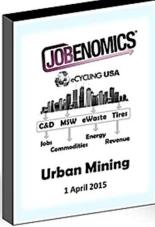


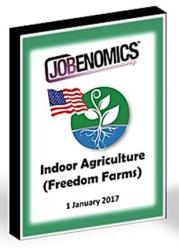
















Extensive research on the economy, policy-making, labor force situation, emerging technologies, and urban renewal initiatives.

Jobenomics Chapters/Coalitions



Program Developed/Implementation In Progress

Jobenomics Erie Pennsylvania

Jobenomics Chicago (Austin & Englewood)

Jobenomics West Baltimore Jobenomics Philadelphia

Jobenomics Washington DC (Wards 5, 7 & 8)

Jobenomics Florida (Orlando & Tampa)

Jobenomics Las Vegas

Jobenomics Fredrick (MD)

Jobenomics Edenton (NC) Region

Jobenomics San Marcos (TX) Region

Jobenomics Alberta Province (Canada)

Jobenomics Club-E (Atlanta)

Jobenomics-National Faith-Based Empowerment Coalition

Jobenomics-ACTS Freedom Farms of America Coaltion

Jobenomics-SuperWater HYOX Coaltion

Jobenomics-Emerald Planet Coalition

Jobenomics-Institute for Sustainable Development Coalition

Jobenomics-eCyclingUSA Coaliton

Program Developed/Currently Inactive

Jobenomics West Virginia

Jobenomics North Carolina

Jobenomics Cincinnati (OH)

Jobenomics Charlotte (NC)

Jobenomics Puerto Rico

Jobenomics Harlem/New York City

Jobenomics Delaware

Community Leader(s)

Ms. Kim Burney

Mr. Dorrelle Burnett

Bis. Carter/Dr. Hathway

Rev. Faulkner/Bis. Floyd

Mr. Thomas/Ms. Govan

Mr(s) Stanley/Hartwell

Mr. Frank O'Donnell

Ms. Brady/Mr. Weldon

Mr(s) Quinn/Young

Mr. David Quinn

Ms. Hackman-Carty

Mr. Bob Johnson

Rev. Zagery Oliver

Mr. Michael Buehler

Dr. Rev Lineres

Dr. Sam Hancock

Mr. Stephan Jordan

Mr. Steve Grueber

Jobenomics Workforce Reentry Program Phoenix (AZ)

Jobenomics Southern Maryland

Jobenomics Buffalo (NY)

Mr. Tom Willis

Mr. Doyle Davis

Mr. Joe Magno

Mr. Aurelio Azpiazu

Mr. Uche Agomuo

Mr. Heard/Ms. Brown

Mr. Bob Johnson

Mr. Pierre Laguerre

Rev. Michael Faulkner

Mr. La Mar Gunn

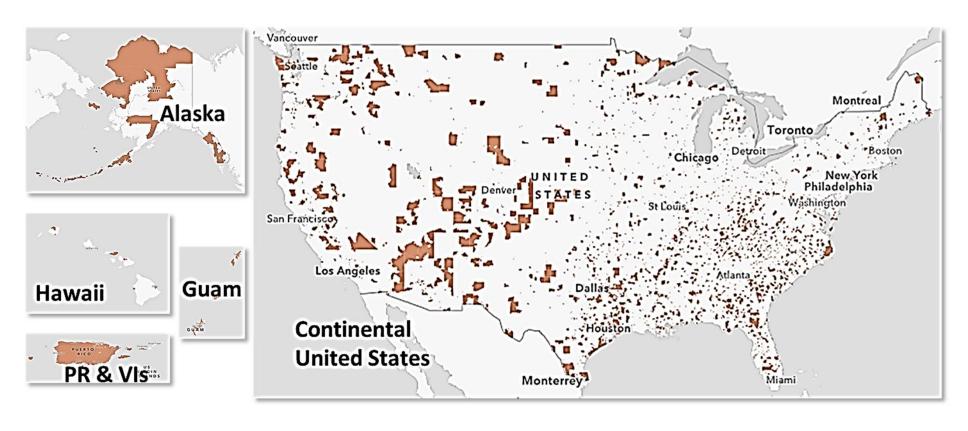
Majority of chapters are in Designated Opportunity Zones

Jobenomics Opportunity Zone Focus



8,700 Designated U.S. Opportunity Zones

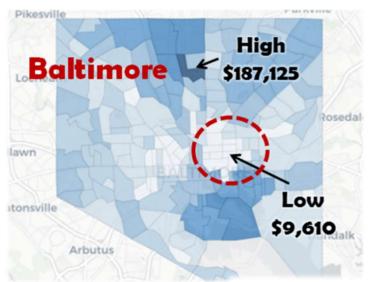
The poorest 12% of all Census Tracts in the United States.

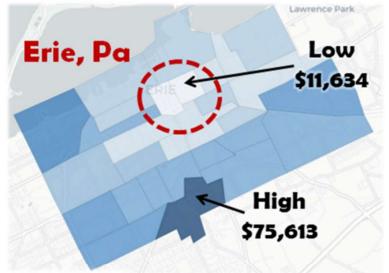


The 2017 Tax Cuts and Jobs Act's Opportunity Zones promise positive social impact by driving billions of dollars in long-term investment into under-resourced communities.

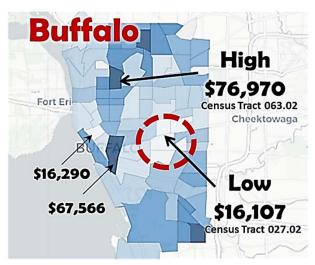
Underserved Community Emphasis



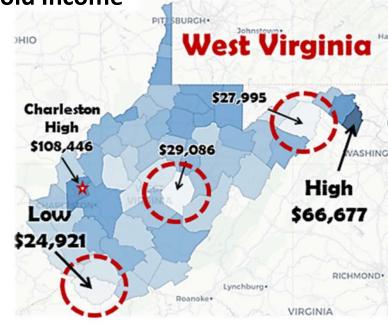




Median Household Income



Urban renewal and rural programs for underserved communities.



A Different Approach To Economic And Community Development



Traditional Top-Down Approach





Jobenomics Bottom-Up Approach

Economic Development Emphasis



Development Category	Traditional Economic Development Emphasis	Jobenomics Economic Development Emphasis	
Economy	Established Industry Supersectors in The Traditional Economy	Fill Open Jobs and New Opportunities in Emerging Digital And Energy Economies	
Community	High-Skilled, Well-Resourced State, Regional and Metropolitan Areas	Lower-Skilled, Marginalized Inner-City Neighborhoods and Rural Areas	
Business	Large-Scale Business and Real Estate Opportunities	Mass-Produce Highly-Scalable Micro-Businesses	
Workforce	Standard Workforce Agreements. Degree-Based Education	Alternative Workforce Agreements. Certified Skills-Based Training	

Jobenomics bottoms-up approach is synergistic with top-down economic development models.

Jobenomics Approach Is Better Suited For Under-Resourced Communities



Traditional Top-Down Approach

Attract 1 Large \$100,000,000/year Enterprise



Jobenomics Bottom-Up Approach

Start 1,000 \$100,000/year Micro Businesses (1-19 Employees)



Under-resourced communities have difficulty attracting big companies but can mass-produce small businesses and livable wage jobs.

10

Micro & Nonemployer Businesses





- A micro-business (1 to 19 employees) employ 32 million Americans.
- A nonemployer is a small business with no "paid" employees.
 - 80% of all U.S. businesses with 28 million single-person owners.
 - Growing significantly faster than traditional businesses
 - Owners make substantially more than wage or salaried jobs.

Mass-producing startup businesses is the answer to beleaguered urban communities lacking good-paying jobs.

Micro & Nonemployer Professions



- Self-Employed (earn income from one's own business rather than as a specified salary or wages from an employer)
- Independent Contractors (construction workers, accountants, authors, bookkeepers, engineers, masons, real estate agents, teachers)
- Consultants (professional services human resources, financial, information technology, management),
- Freelancers (administrative support, design, legal, journalists, tutors, marketing and sale, web and apps developers, etc.)
- On-Demand Workers (executives, doctors, nurses, healthcare aides, Uber drivers, operations and technical support, security analysts)
- Flex Workers (analysts, apps developers, loan officers, engineers, educational and technical assistants, food service and bartenders)
- Gig Workers (artists, actors, entertainers, delivery drivers, coders, programmers, handyman, photographers, and care givers)
- Part-Timers (who work less than 40 per week out of necessity or choice and workers who work full-time via multiple part-time jobs.

Jobenomics prioritizes micro-employer and nonemployer business creation. These firms will be more anchored in poor neighbors than larger businesses and will be less likely to migrate to the suburbs.

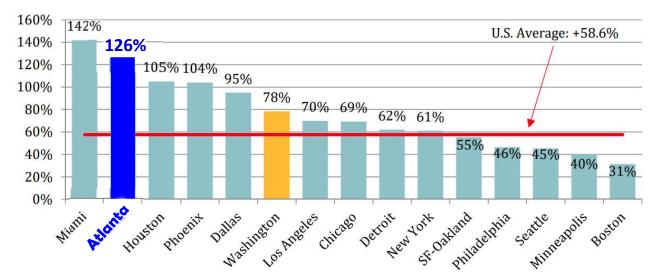
12

Nonemployer Statistics



Percent Change in Nonemployer Establishments, 1997-2015

U.S. Census Bureau (Nonemployer Statistics), The Stephen S. Fuller Institute at the Schar School, GMU



Washington DC Region Nonemployer Firm Economic Impact

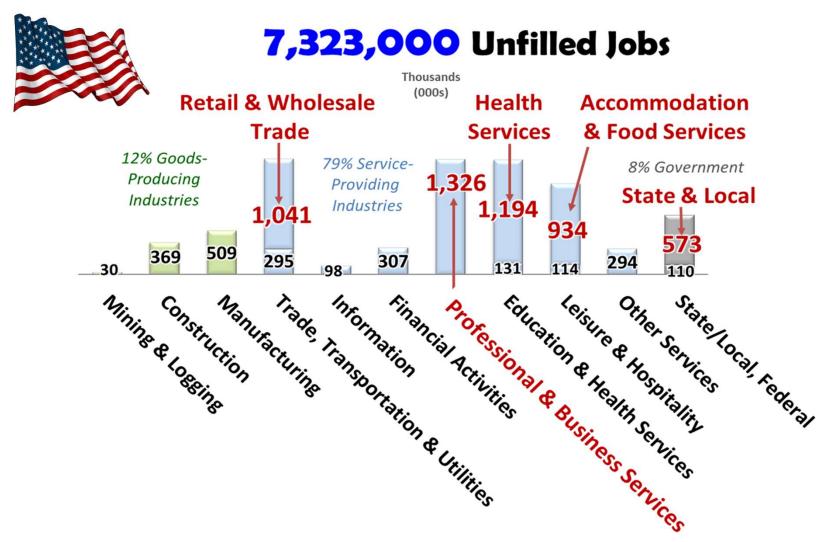
- 526,000 single-person firms, average receipts of \$54,000/year
- \$33 billion in 2016, more than DoD procurement or earnings from state and local government employment
- 10% of all earnings in 2016 by place of work
- Decade growth: Nonemployers (78%), Employer Firms (34%)

Clayton County would benefit by nonemployer firm growth.

Economic Development Challenge #1:

JOBENOMICS Clayton County, GA

Fill Current Job Openings



There are 6.0 million "officially" unemployed and 7.3 million job openings. Most open jobs are due to a lack of appropriate skills.

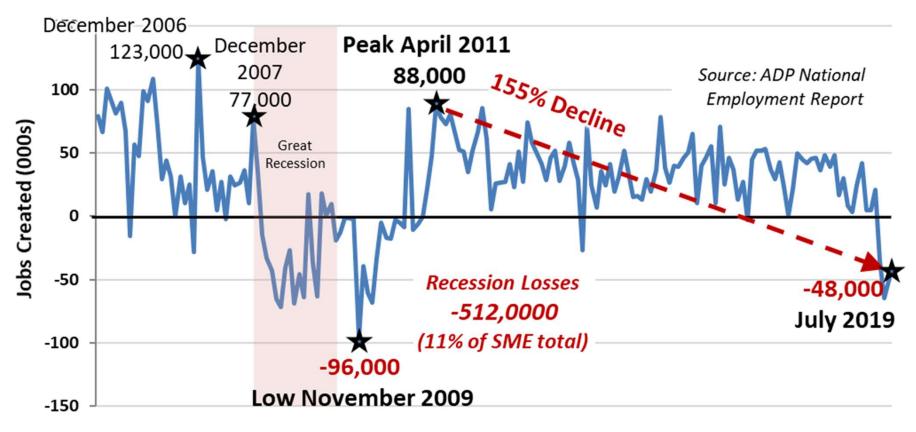
Economic Development Challenge #2:



Reverse Small Business Employment Decline

U.S. Micro Business (1-19 employees) Decline

Private Sector Employer Payrolls



Small and micro business are the economic lifeblood of counties, like Clayton GA.

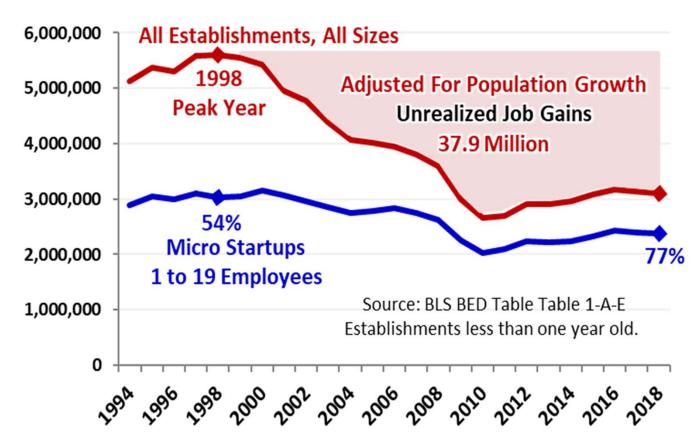
Economic Development Challenge #3:



Increase Startup Business Creation

Declining Number Startup Business Jobs

Total Private Sector Firms Less Than One Year Old



The U.S. is producing startup businesses at half the rate of 1980s. Startup businesses are the seed corn for the U.S. economy.



"If the U.S. were creating new firms at the same rate as in the 1980s that would be the equivalent of more than 200,000 companies and 1.8 million jobs a year."

Source: Wall Street Journal analysis of BLS data

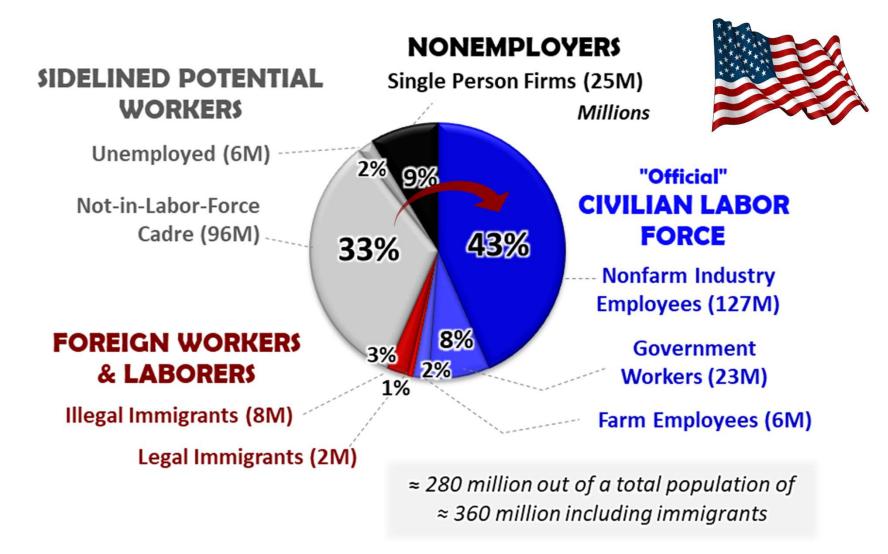
"Most city and state government policies that look to big business for job creation are doomed to failure because they are based on unrealistic employment growth models. It's not just net job creation that startups dominate. While older firms lose more jobs than they create, those gross flows decline as firms age. On average, one-year-old firms create nearly 1,000,000 jobs, while ten-year-old firms generate 300,000. The notion that firms bulk up as they age is, in the aggregate, not supported by data."

Source: Kauffman Foundation analysis of BLS data

Economic Development Challenge #4:



Employ Sidelined & Unemployed Workers



Government focuses mainly on the Civilian Labor Force, which is only half the total U.S. workforce.



Clayton County Demographic Profile



Clayton County Statistical Profile



Population 285,153

Black: 198,000 (70%)

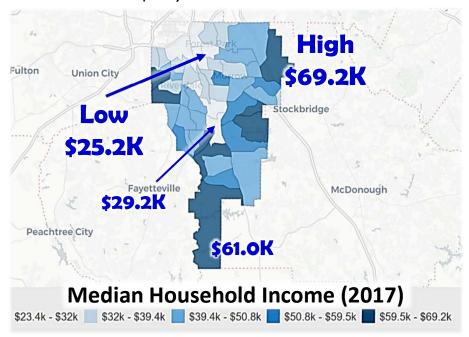
Hispanic: 37,000 (13%)

White: 28.8K (10%)

• Other: 3.1K (7%)

Source: U.S. Census Bureau, 2017 ACS 5-Year Estimate, DataUSA

Median household income: \$45,172 or 25% below the national average of \$60,336



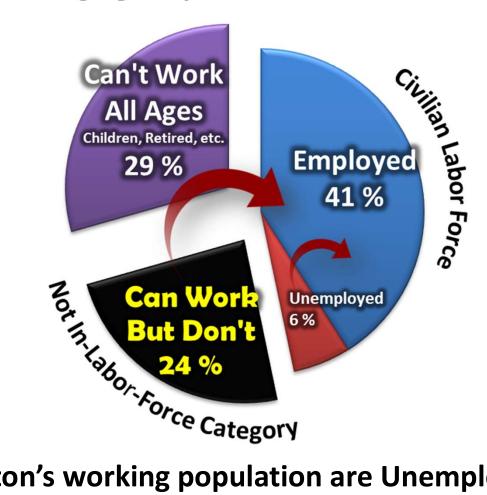
- Poverty line 21.9% or 63% higher than the national average of 13.4%
 - Black: 39,003 (55% of the people living below the poverty line)
 - Hispanic: 12,049 (17%)
 - White:11,860 (16%)

The most underserved group is African-American.

Clayton County Working Population



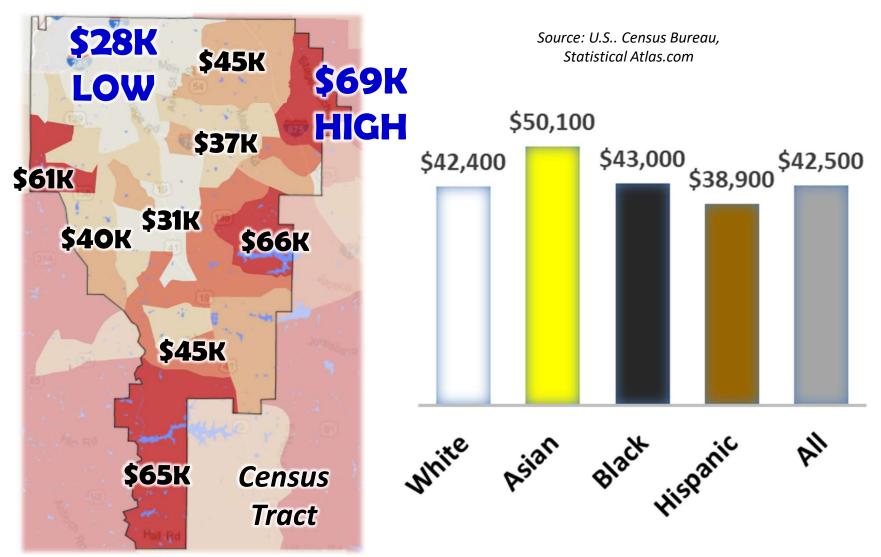
% of Total Population
Working Age Population 25 to 64 Years Old



30% of Clayton's working population are Unemployed or in the Bureau of Labor Statistics "Not in the Labor Force" category (i.e., capable of working but not looking for a job).

Clayton County Median Household Income



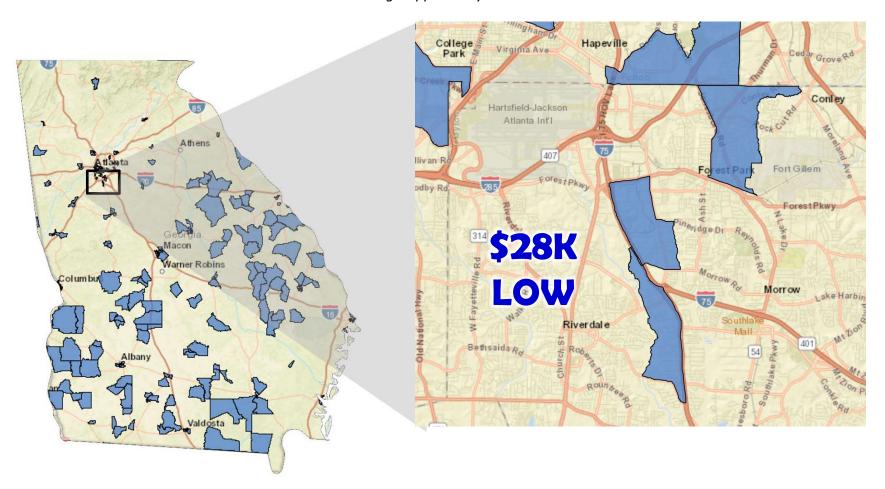


Groups with the lowest household income are Hispanic and White.

Georgia & Clayton County Opportunity Zones



Source: Federally Designated Opportunity Zones, Image OpportunityDb.com

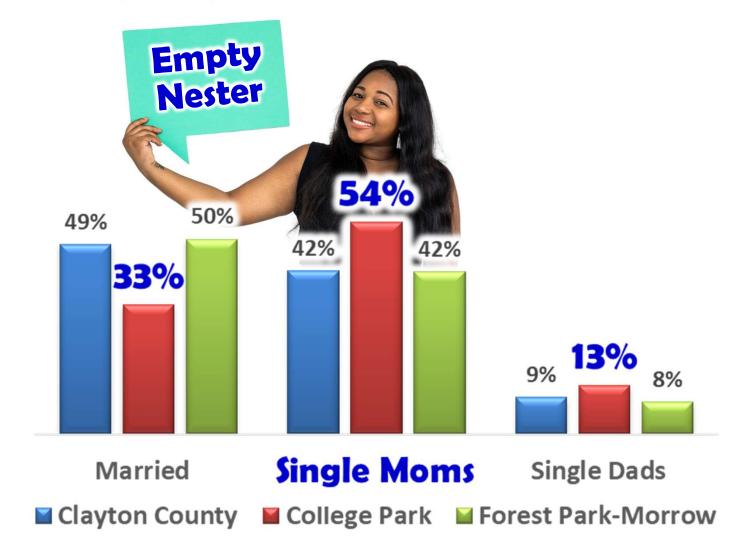


OZones are in the lowest income area (\$28K) in the County—the initial neighborhoods for Jobenomics Clayton County

Clayton County Head Of Households



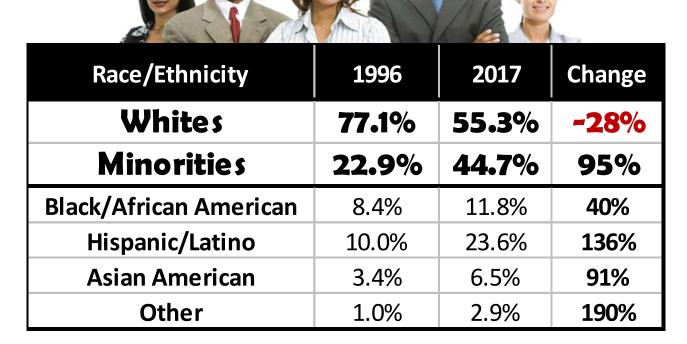
Percentage of family households with children under the age of 18



Jobenomics Clayton County asserts that former female head of households are well-suited for direct-care occupations.

Minority Entrepreneurship Is Soaring





Changes In The Share Of New U.S. Entrepreneurs

Source: Kauffman National Report on Early-Stage Entrepreneurship, February 2019

Jobenomics Clayton County promotes minority entrepreneurship to increase wealth and reduce poverty, crime and welfare dependency in underserved and under-resourced neighborhoods.

25

Clayton County Veterans



An underutilized labor pool of proven workers and talent.

Veteran Status		United States	Georgia	Clayton County	
Wartime Veterans	WWII	614,532	13,706	222	
	Korea	1,472,721	33,868	737	
	Vietnam	6,499,806	212,166	4,982	
	Gulf (1990s)	3,786,051	169,716	5,466	
	Gulf (2001-2017)	3,524,844	138,560	3,943	
Peacetime Veterans		2,306,651	54,774	257	
Total Veterans		18,204,605	622,790	15,607	

Source: U.S. Census Bureau (2017), American Community Survey 1-year estimates

Clayton County has nearly 16,000 veterans, many of whom need jobs. Jobenomics Clayton County has tailored business and job creation programs and access to funding sources for veterans.



Suggested Programs

- Direct-Care/Remote-Care/On-Demand Care
- Controlled Environment Indoor Agriculture
- Urban Mining/Advanced Materials Reclamation
- Digital Economy Jobs & Digital Academies
- Renewable Energy & Energy Services
- Business Generators and E-Clubs

Jobenomics Direct-Care Program



Direct-Care Services

- Healthcare
- Social assistance
- Behavioral-care
- Elder-care
- Child-care



Direct-Care Center

- Information & Call Center
- Training & Certification Center
- Management and Quality Control



Veterans and female head-of-households are ideal for direct-care jobs.

Direct-Care Telehealth Platforms



Examples of On-Demand Telehealth Programs

- Teladoc is the largest telehealth platform with 20 million members and over 3,000 licensed healthcare professionals.
- DoctorOnDemand connects patients in minutes to board-certified doctors and therapists over live video.
- Go2Nurse is an on-demand nurse/caretaker application service.
- referralMD's standardizes referral network communication between primary care physicians and specialists.
- American Well is a complete telehealth service for healthcare companies, employers, or delivery networks.
- MDLive's telemedicine system offers a patient experience, a provider experience, and a call center.
- SnapMD is virtual care management system with a patient interface, a provider interface and an administrative back-end.

The U.S. telehealth market is expected to reach revenues of over \$ 13 billion by 2023, growing at a CAGR of 27%.

CLINICSTOP Micro Clinic for Diagnosis, Counseling and Remote Care www.clinicstop.com





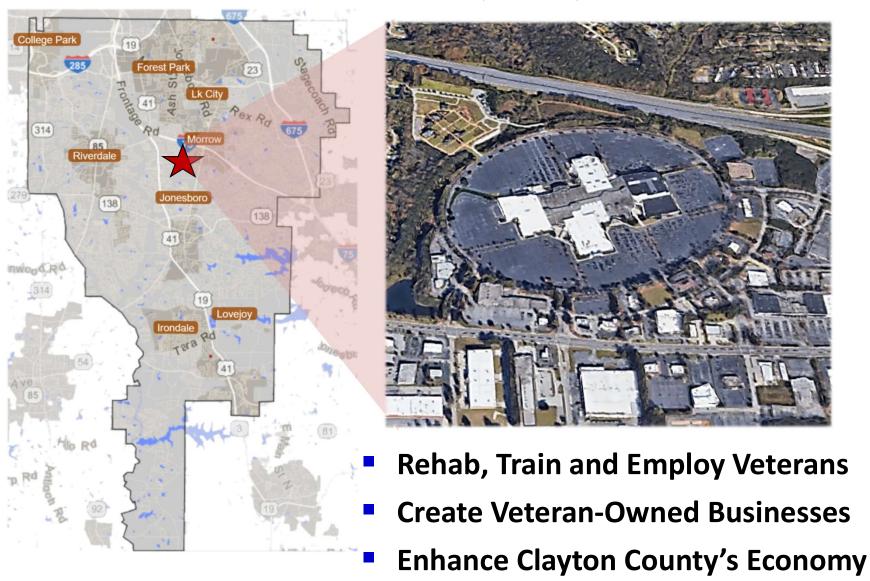


Ideal for pharmacies, churches, community centers that provide healthcare, social assistance, and behavioral care.

Proposed Veterans Direct-Care Center



At or near 1000 Southlake Circle, Morrow, GA 30260





Jobenomics National Grassroots Movement

focus is on mass-producing small businesses and jobs.



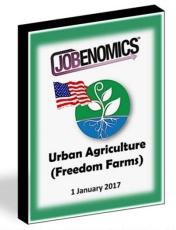


For Under-Resourced Urban & Rural Communities

Controlled Environment Agriculture



- Team: Jobenomics is teamed with ACTS Freedom Farms of America.
- Mission: Provide a solution to food shortage through self-sustaining and supportive livework communities.
- Vision: Provide quality foods in harmony with the global environment, empowering individuals to become partners in high-tech controlled environment agriculture.
- Strategy: 1) home ownership combined with an agriculture career, 2) corporate owned indoor commercial growing operations and 3) train high-tech controlled environmental agricultural farmers.







Goal: Establish 25,000 new jobs within grow centers, and another 25,000 ancillary jobs.

Jobenomics WDC Urban Farming

JOBENOMICS Clayton County, GA

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



Converted
Warehouse
With Controlled
Environment & Vertical
Farming Systems



AG Core is the corporate team that manages and trains new recruits until they are capable of assuming the responsibility to run entire operation.
Secure Produce On

Each micro-farm will consist of the land and a leased hydroponic greenhouse that will be equipped and supplied by AG Core.

GREEnhouse

GAP, GHP, FSMA

Compliant Greenhouse

Demand (POD)

Base earnings will be over \$40,000 annually (without bonuses and profit sharing) upon completion of first year.

Live/Work Urban Agrarian Communities





Opportunity Zone Fund financing available.

1-5 Acre CEA Projects





Jobenomics/ACTSFFA are currently pursuing 1-5 acre CEA pilot projects in Iowa, Washington DC, Baltimore, Chicago, Erie PA, Chowan County NC, San Marcos TX, Las Vegas and Alberta Canada.

36

Jobenomics Urban Controlled Environment Agriculture Program





Goal is to create indoor-grow businesses in Clayton County within the next 5-years in under-served communities.

High \$ Value CEA Products



Common Crops

- Culinary Herbs
- Lettuce
- Spinach
- Tomatoes
- Strawberries
- Peppers
- Cucumbers



Specialty Crops

- Medicinal Herbs
- Flowers
- Mushrooms
- Ground Covers
- Ornamental Grasses
- Bamboo
- Hemp

Herbs are highest value crop. Hemp is the fasting growing agricultural industry in the United States.

Industrial Hemp Products

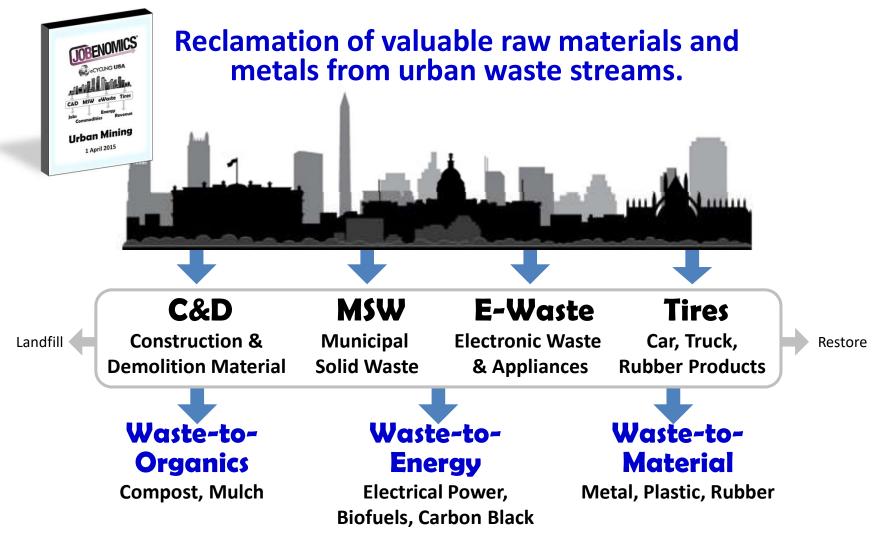




The U.S. Hemp-CBD market is growing faster than marijuana and will be a \$22 billion industry by 2020 (up from \$600m in 2018).

Jobenomics Urban Mining





Urban Mining Goal: Monetize urban waste streams to produce businesses, jobs and revenues for workforce development.





A new approach to urban mining, materials reclamation and business/job creation.

eWaste Material Reclamation Facility







100 Operational Sites

Operational within 12-months after contract award. Up to \$40 million/year profits and 200 direct jobs.

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.

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 Applicances

Metal/Material	% of Feedstock	N	\$s per Metric Ton*		\$/Ton (2204 pounds)	(10 t	Total \$/Year on/hour x 23 hour/day x 300 days/year)
Iron/Steel (Fe)	40%	\$	350	\$	140.00	\$	9,660,000
Copper (85% Recovery)	5%	\$	3,945	\$	197.26	\$	13,610,802
Aluminum (Al)	10%	\$	1,499	\$	149.87	\$	10,341,168
ABS Plastics	25%	\$	1,675	\$	418.75	\$	28,893,750
Other Plastics	25%	\$	287	\$	71.75	\$	4,950,750
Computer Components	5%	\$	2,082	\$	104.10	\$	7,182,900
Source: Jobenomics, eCyclingUSA	110%		Revenue**			\$	74,639,370
Cost of goods sold						\$	30,238,000
* Scrap prices as of 12 March 2018 Operating expenses					\$	5,780,000	
**Does not include grants, tax Net Incor					Net Income	\$	38,621,370
incentives or tipping fees EBITDA						52 %	

Profits from e-Waste operations can be used for community, micro-business and workforce development.

Renewable Energy Businesses & Green Jobs





The Energy Technology Revolution will create millions of new micro-business opportunities, such as independent contractors.

& Renovation Businesses

Green Business & Job Creation Programs



Examples of highly-scalable Jobenomics green business and job creation programs include:

- Renewable energy: solar, wind, low-flow hydro in tall buildings
- Energy Efficiency: energy audits, weatherization, renovation; LED electrical upgrading
- Aquaculture: aquaponics, hydroponics, water gardens, and salt water ecological farming
- Storm Water Abatement: urban capture, processing and retention; home-side water capture and reuse; rain gardens
- Environmental Remediation: soil, watershed and marshland remediation and regeneration
- Affordable Housing: small/tiny home construction & installation

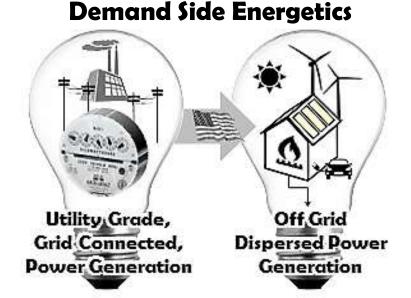
The Jobenomics-EmeraldPlanet collaboration emphasizes green microbusiness creation in under-resourced urban and rural communities.₄₆

Energy Services

JOBENOMICS Clayton County, GA

- Demand Side Energetics
- Net-Zero Communities/Buildings
- Services: "Energy's 3rd Rail"
 - Energy Efficiency/Conservation
 - Energy Assurance/Security
 - Disaster Preparedness/Recovery
 - Energy-as-a-Service (EaaS)
- Energy Technology Center







Jobenomics' Joe Sarubbi with President Obama and Mrs. Biden

Digital Economy & Academies







- Mobile Economy
- Sharing Economy
- On-Demand Economy
 - Apps/Bots Economy
 - Gig Economy
 - IoT Economy



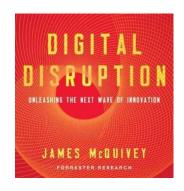


The tradition economy growing at 2% per versus eCommerce growth of 15% per year. Jobenomics' team of eCommerce experts help set up websites to sell on all major platforms; Amazon, Google, Facebook, eBay and Shopify.

Digital Scaleups & Startups



 "Digital startups are at least 100-times easier to create and have 10-times the number of innovators that can innovate at one-tenth the cost than traditional startups." (McQuivey)



- **Top digital scaleup and startup platforms**: Amazon (2 million third-party sellers), Apple Store (650,000 apps developers), Google, Facebook, eBay, Craig's List, unicorns and gazelles.
- Examples of digital occupations: Digital health (health care, elder care, wellness, behavior care), shared economy (Uber, Airbnb), content providers, construction, transportation, technology, and various forms of mom-and-pop firms.

Unlike other countries, U.S. policy-makers and decision-leaders are not concentrating on the economic impact of the digital economy.

Jobenomics Community-Based Business Generator (JCBBG) Concept



A JCBBG mass-produces startup businesses by:

- Working with community leaders to identify high-potential business owners and employees,
- Executing a due diligence process to identify and assess work ad social skills and aptitudes,
- Training and certifying participants in targeted occupations,
- Incorporating highly-scalable small and self-employed businesses,
- Establishing sources of funding and contracts to provide a consistent source of revenue for new businesses,
- Providing mentoring and back-office support services to extend the life span and profitability of new businesses.

Most cities have Business Incubators and Business Accelerators, but not Business Generators for low-income citizens.

Jobenomics Community-Based Business Generator (JCBBG) Concept



Due Diligence & Candidate Selection Process Incorporate Self-Employed Business

9,000
Skills-Based
Training &
Certification
Programs



Pipeline System
To Full-Time Jobs
(W2) Or SubContracted
(1099) Work

Scaleup Existing Businesses

Startup Micro-Businesses

Primary goal is to mass-produce micro-businesses that are anchored in under-resourced neighborhoods to help alleviate poverty and crime 51

Club E, Digital Academies & ECentrs



- Club E Atlanta is an entrepreneur empowerment center
 - Public/private partnership with the City of College Park
 - Training, certification and startup business center
 - Co-working facility (hi-tech, offices, conference center, café)







Club E Startups















- ECentrs is a next-generation co-work space company
 - Raising capital from Opportunity Funds
 - Expanding in the Atlanta metropolitan area and other cities
 Clayton County should implement multiple Club Es.



Contact Information

Chuck Vollmer, Founder and President, Jobenomics National Grassroots Movement, 703-319-2090, cvollmer@jobenomics.com

David Quinn, CEO & President, Millennium Regional Development Corporation, 404-513-3283, david@mestizoent.com

www.Jobenomics.com