

Building on Innovation: Competing in the 21st Century



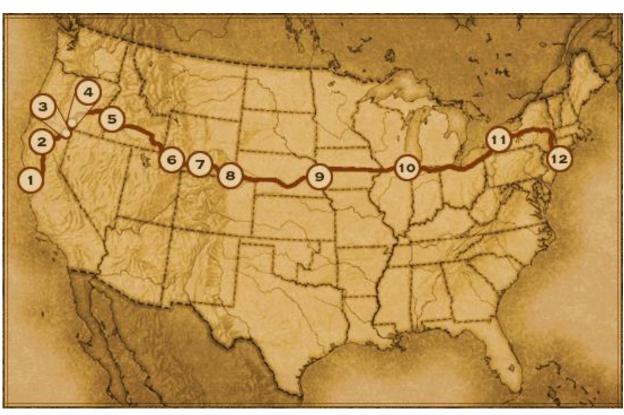


America's First Road Trip

Horatio Nelson Jackson, Sewall K. Crocker & Bud



HORATIO NELSON JACKSON (driving), SEWALL K. CROCKER, AND BUD IN THE "VERMONT" PHOTO CREDIT, UNIVERSITY OF VERMONT, SPECIAL COLLECTIONS





Six Converging Forces

- Globalization
- Environmental
- Technological Innovation
- Demographics
- Financing the Future
- Talent





Employment: Employment Trends, 1990-2015

	Manufacturing			Professional and Business Services			Education and Health Services		
U.S. Metro	1990	2015	% Change	1990	2015	% Change	1990	2015	% Change
Baltimore	126	57	-55%	121	228	88%	151	268	77%
Denver	84	68	-19%	132	247	87%	74	179	142%
Philadelphia	342	178	-48%	306	457	50%	367	612	67%
Pittsburgh	130	88	-32%	127	177	40%	166	252	51%
Research Triangle	76	61	-19%	66	156	136%	54	132	146%
San Diego	121	99	-18%	128	244	91%	92	201	119%
San Francisco	173	124	-28%	280	484	73%	188	336	78%
Seattle	230	186	-19%	141	275	94%	129	261	102%
Washington D.C.	51.6	36.4	-29%	289.9	605.6	109%	157.1	331.9	111%
U.S. Total	17,413	12,332	-29%	10,747	20,127	87%	11,380	22,553	98%



Demographics: Boomers



- Seniors from 65-75 will be the fastest growing group this decade
- Will grow from 28 to 42 million a 50% growth by 2020



- Children of the 60s, have redefined every age they entered
- When will they retire? For most, not for years



Demographics: Millennials

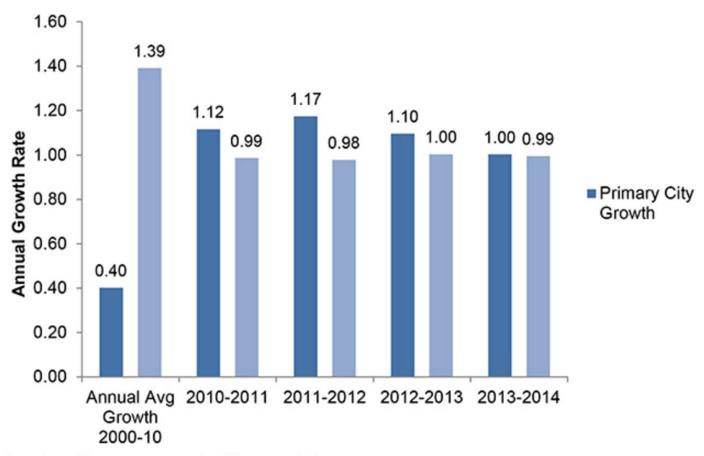
- Late teens to early 30s 83 million
- The largest generation in US history
- At the prime household formation age
- Six times less likely to have a car than their parents







City and Suburb Growth



^{*} metropolitan areas over 1 million population



An Appetite for Risk

- A Clear Understanding of a Community's Competitive Advantages
- Strong Leadership by both the Public and Private Sides
- A Strategic Vision
- An Entrepreneurial Culture
- A Public/Private Partnership Culture
- Knowledge of Public Financing Tools
- A Commitment to Design Excellence
- Organizational and Staff Capacity











Minneapolis Region Fiscal Disparities Program

- Seven-counties, 179 local governments
- The program shared \$594 million in tax revenue for 2015.ta
- This represents nearly 35% of total commercial, industrial, and public utility property tax base and 11% of total tax base in the seven-county metro area.

CONTRIBUTION TO SHARED POOL

Equals 40% of growth in commercial, industrial, and public utility property tax base since 1971



SHARED POOL OF TAX BASE FOR METRO AREA



DISTRIBUTION FROM SHARED POOL

Depends on population and market value of all property per person compared to average market value per person for metro area



Denver

Link infrastructure and development

- In 2004, Fastrak Referendum
- \$2 Billion Bond Approval
- 119 miles of light rail
- 7 Counties & 32 Municipalities
- 78 Stations





Denver: Union Station Development

- \$1.7 billion project, funded with public and private money
- 3,500 residential units
- Two grocery stores
- 1.5 million square feet of office space



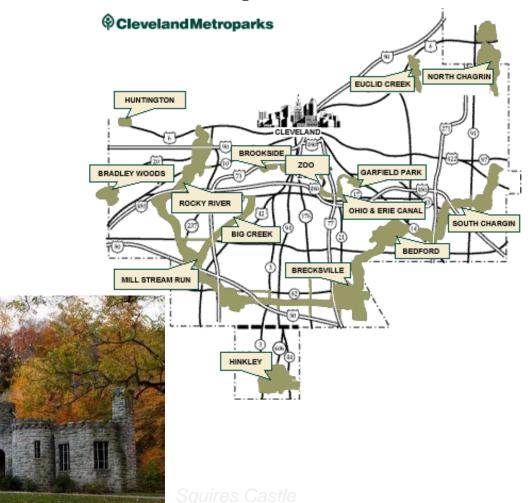


Cleveland: Metroparks

• Tax district includes 5 counties



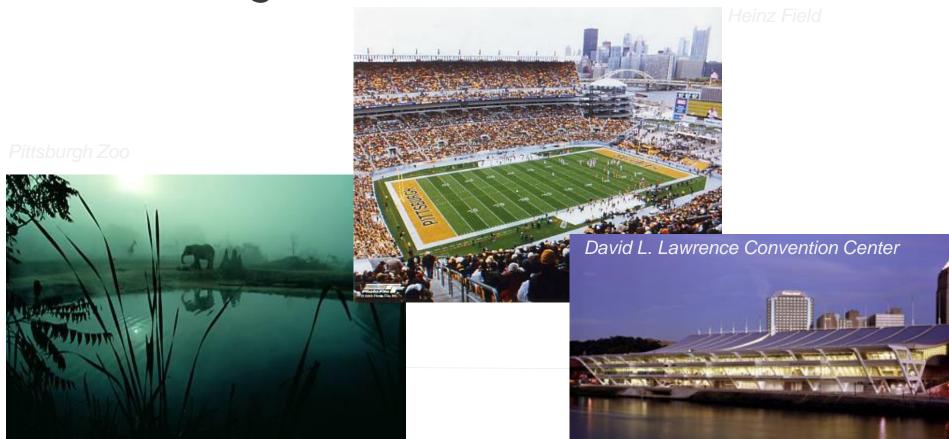
North Chagrin Reservation





Allegheny County/ Pittsburgh Regional Asset District

- Regional Asset sales tax .5%
- Used for regional amenities



Historic Preservation





Research Triangle

- Largest high-tech research park in North America
- 20 million sq. ft. of developed space
- Home to 157 companies
- Employs 39,000 people





Partnerships: Central Florida: "Medical City"

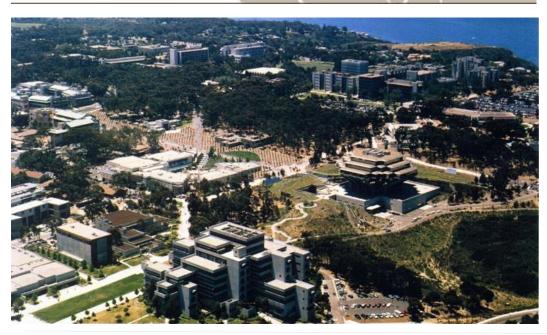
- Sanford-Burnham Research Institute biomedical research facility, Florida: \$310M Public Funds
- Since 2006, 5,000 jobs created
- University of Florida's Research and Academic Center
- Nemours Children's Hospital
- Orlando Veteran's Affairs Medical Center
- UCF College of Medicine





Partnerships: UC, San Diego Torrey Pines Mesa

Torrey
Pines
Neurosciences Institute
Salk Institute
UCSD
SCIENCE
RESEARCH
PARK
Sorrento Valley
wireless mecca
linstitute
Rualcomm
Science
Science
Science
Science
Research
PARK



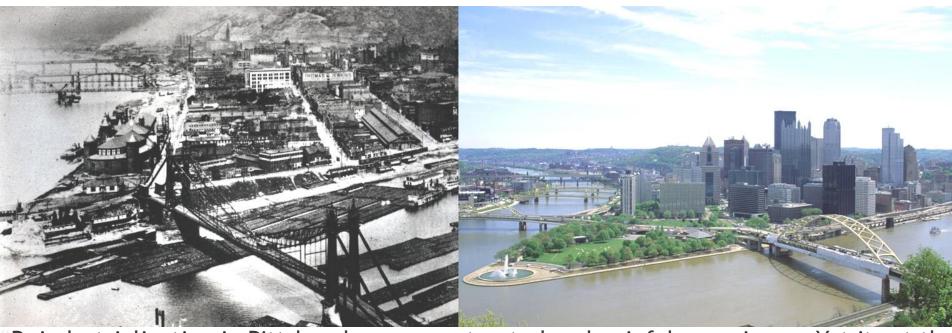






Transforming Pittsburgh

"Pittsburgh is certainly not going to escape a national recession. But it can provide lessons for how to survive it: invest in knowledge, compete globally, rewrite the old rules of business." - Time Magazine "Finding One Economic Bright Spot on Main Street", 10/09/2008



"Deindustrialization in Pittsburgh was a protracted and painful experience. Yet it set the stage for an economy that is the envy of many recession-plagued communities..."

-New York Times, 01/07/2009



The Collaborative Innovation Center at Carnegie Mellon

JOBS

To be Created: 489

NEW PROPERTY TAXES

Collected During TIF: \$239,000

Collected After Expiration: \$598,000

SPURRED INVESTMENT

\$55 Million



State of the Art facility adjacent to Carnegie Mellon University that will:

- Attract Private technology firms to expand research and education collaborations
- Accelerate development of new technologies
- Support growth of region's technology industry base



From Vacant Nabisco Building to Google Offices

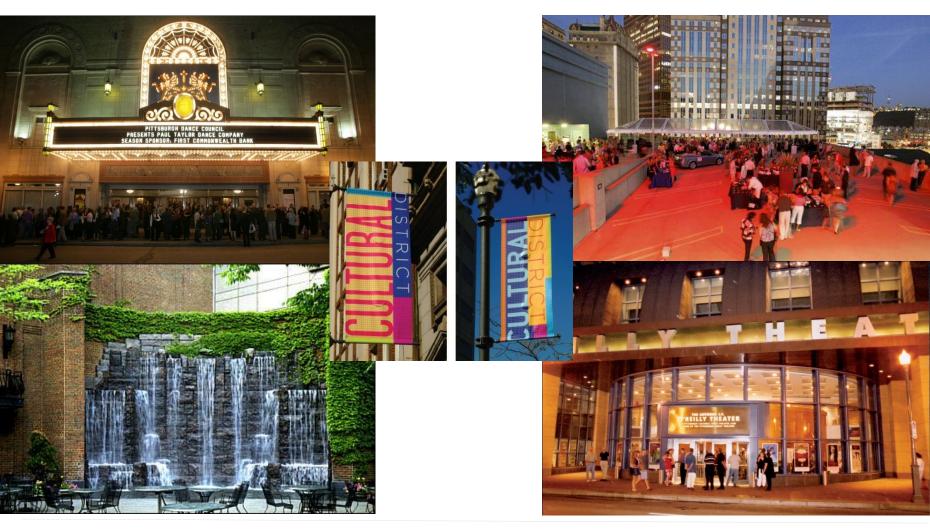








The Cultural Trust





Riverfront Parks and Trails

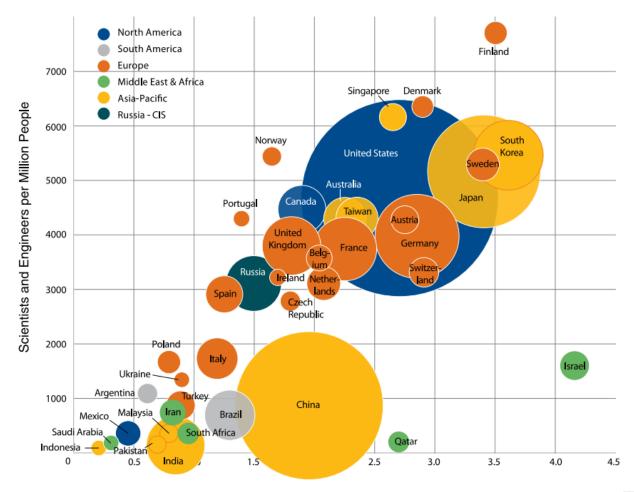








Raw Materials 2013 R&D Spending by Country





R&D as a percentage of Gross Domestic Product

Source: Battelle, 2014 GLOBAL R&D FUNDING FORECAST, 2014

Entrepreneurial: Regional Venture Capital Availability 2015

Region	Amount
Silicon Valley	27,422.2
NY Metro	7,341.0
New England	6,052.1
LA/Orange County	5,129.1
Southeast	2,243.9
Midwest	2,232.3
Northwest	1,502.9
DC/Metroplex	1,472.2
San Diego	1,266.6
Texas	1,170.8
SouthWest	909.5
Colorado	782.6
Philadelphia Metro	622.8
North Central	599.9
Upstate NY	159.7
South Central	106.4
Sacramento/N.Cal	44.4
Unknown	7.2
AK/HI/PR	-



The pieces of the puzzle



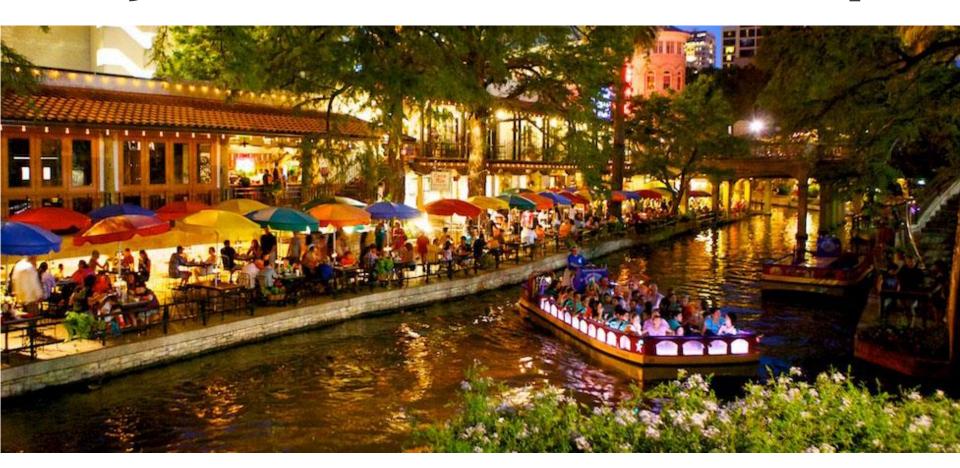


Think Strategically





Dynamic Leadership



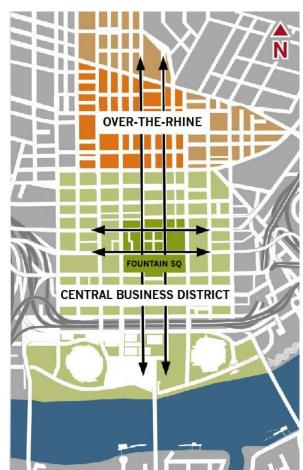


Strong Partnerships

3CDC

OUR MISSION

- 3CDC is a non-profit, real estate development and finance organization focused on strategically revitalizing Cincinnati's downtown urban core in partnership with the City of Cincinnati and the Cincinnati corporate community. Our work is specifically focused on the Central Business District and in Over-The-Rhine.
- 3CDC manages The Cincinnati Equity Fund (CEF) and the Cincinnati New Markets Fund (CNMF). These investment funds play an important role by providing financial aid in downtown development activities.





Talent

Panasonic

















Placemaking and Design The "Wow" Factor





Where Will the New Roads Lead...

