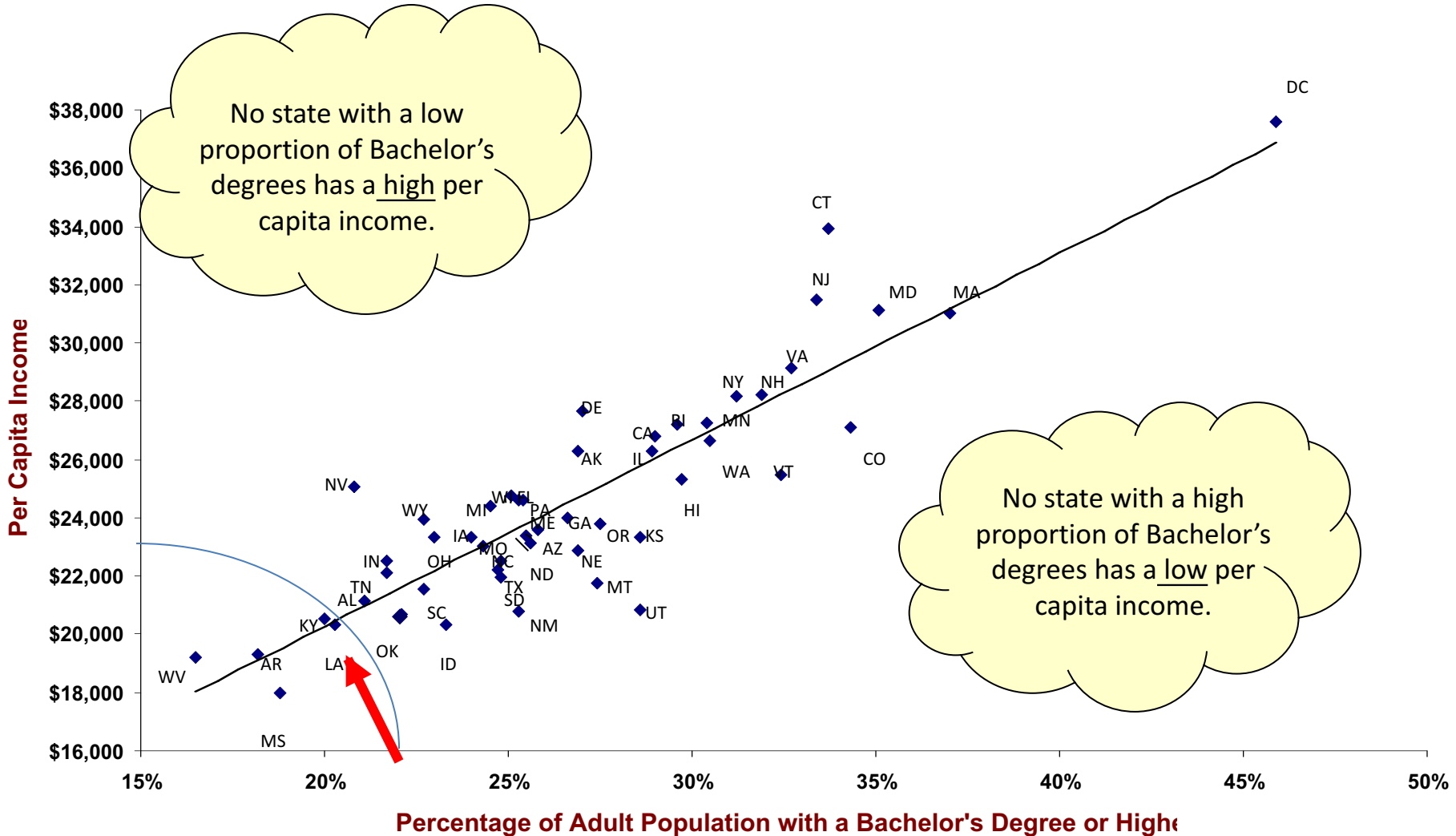


# The Role of Higher Education in Facing Current and Future Challenges in Louisiana



**Jim Purcell, Commissioner  
LOUISIANA BOARD OF REGENTS**

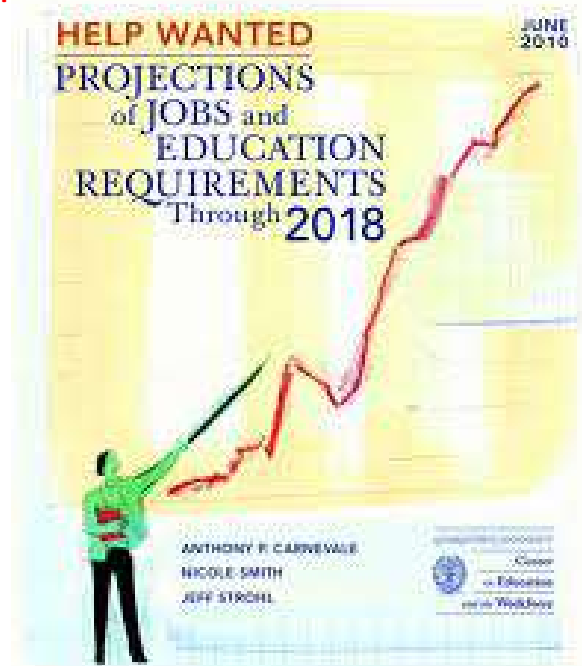
# State Per Capita Personal Income v. Share of Adult Population with Bachelor's Degree or Higher (2008)



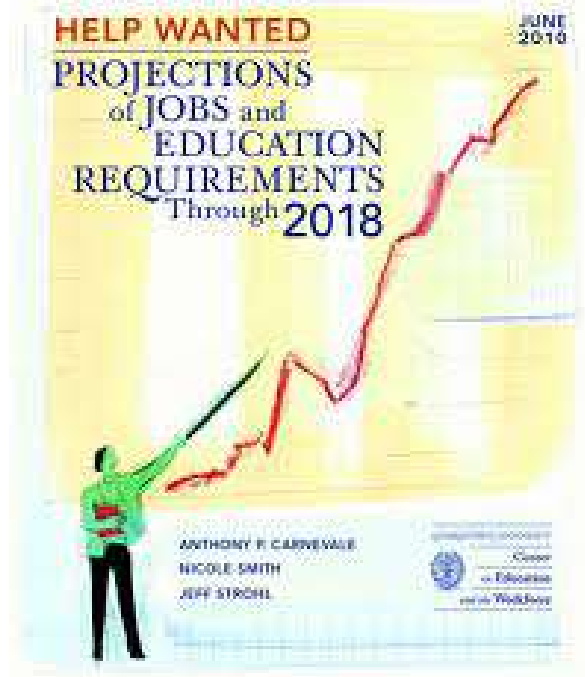
Source: U.S. Census Bureau, ACS 2006

*Help Wanted – Projections of Jobs and Education Requirements through 2018.* Carnevale, Smith and Strohl

“postsecondary education has become the gatekeeper to the middle class and the upper class”

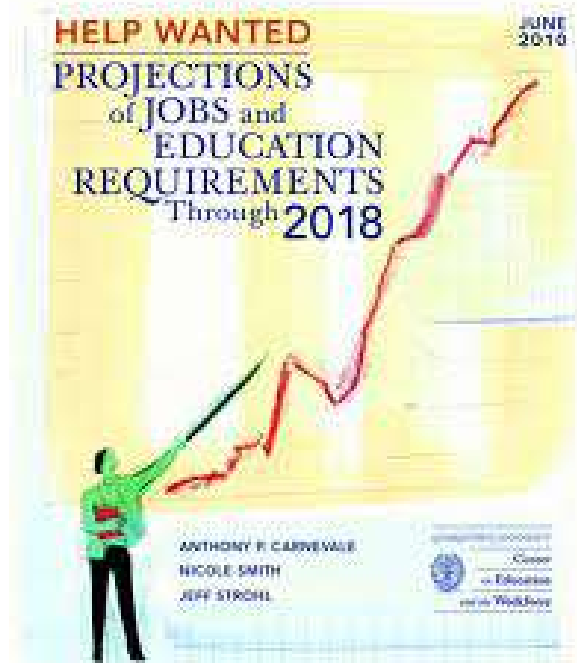


- In 1970, 74% of the middle class had a high school diploma or less education.
- In 2007, only 39% of middle class had a high school diploma or less education.
- Middle Class:
  - Family income range from 35,000 to 91,000

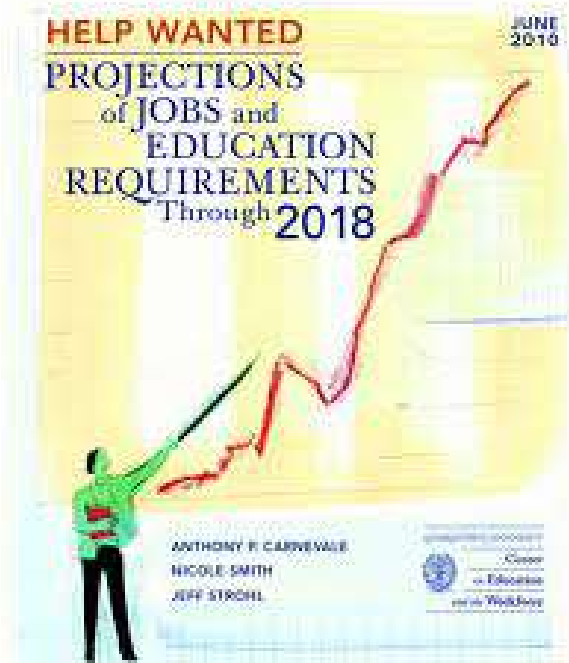


# What they said about Louisiana:

- By 2018, more than 50% of jobs will require a postsecondary credential. Louisiana currently has a workforce with less than half of what will be needed.
- *Unless there are systemic changes, in 2018 Louisiana will:*



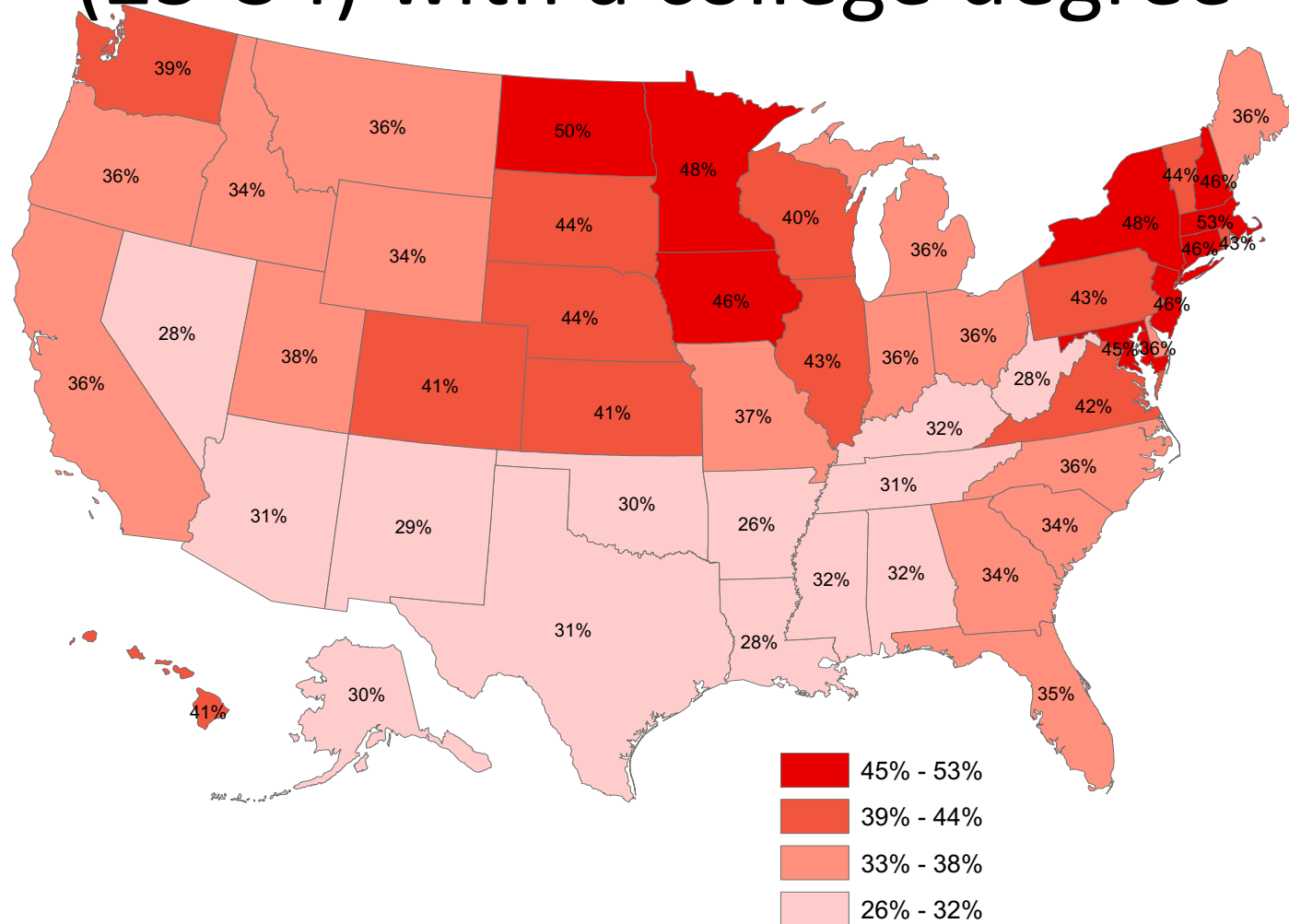
- **rank 6<sup>th</sup>** in the nation in the percentage of jobs for **high school dropouts**;
- **rank 5<sup>th</sup>** in the nation in the percentage of jobs for **high school graduates**;
- **rank 50<sup>th</sup>** in the nation for jobs requiring **an associate degree**;
- **rank 45<sup>th</sup>** in the nation in the percentage of jobs for **college graduates**;
- **rank 47<sup>th</sup>** in the nation in the percentage of jobs for people with **graduate degrees** and . . .



- **rank next to last** in the percent of **Jobs Requiring Postsecondary Education**.

**We are at a turning point. Louisiana has to decide whether to do a better job at educating its people or serve as a great conveniently located source for cheap labor.**

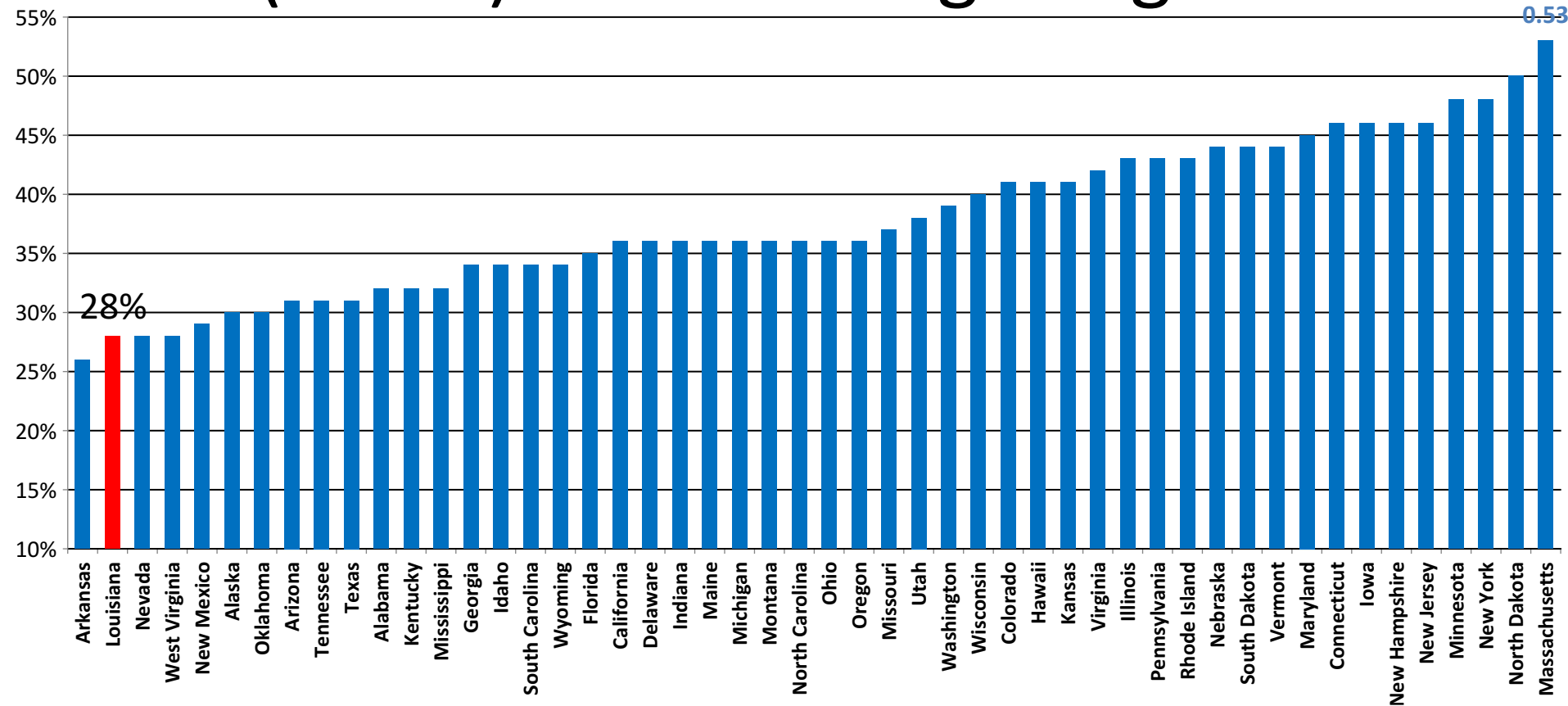
# Current percentage of young adults (25-34) with a college degree<sup>3</sup>



<sup>3</sup> "College degree" means an associate degree, bachelor's degree, or higher. National Center for Higher Education Management Systems (NCHEMS), 2008 (from U.S. Census Bureau, 2008 American Community Survey Public Use Microdata Sample File.) <http://www.higheredinfo.org>

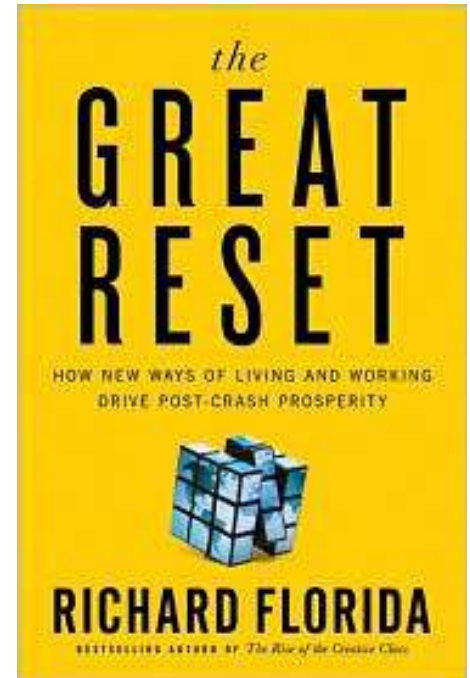


# Current percentage of young adults (25-34) with a college degree<sup>3</sup>

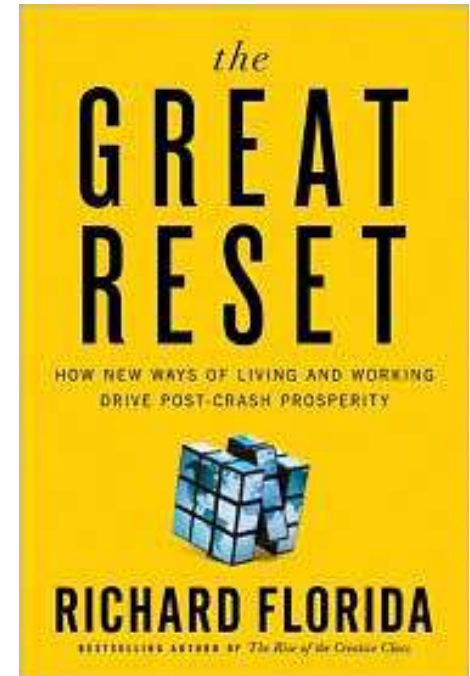


<sup>3</sup> "College degree" means an associate degree, bachelor's degree, or higher. National Center for Higher Education Management Systems (NCHEMS), 2008 (from U.S. Census Bureau, 2008 American Community Survey Public Use Microdata Sample File.) <http://www.higheredinfo.org>

- The clock of history is always ticking. **We can cross our fingers and hope for the best, or we can take steps now to move toward a better, more prosperous future.**



**Cities** such as San Antonio, Texas, for instance, **ranked as the nation's "strongest performing,"** according to Brookings' MetroMonitor, with Oklahoma City and Tulsa; Austin, Houston, Dallas and McAllen, Texas; Little Rock, Arkansas; **Baton Rouge, Louisiana;** and Omaha, Nebraska, rounding out the top ten.





# OUR LADY OF THE LAKE

## REGIONAL MEDICAL CENTER

*Franciscan Missionaries of Our Lady Health System*

- ***Our Lady of the Lake Regional Medical Center is at the center of Louisiana's recovery by developing an innovative partnership with the State of Louisiana that will help create thousands of new jobs and more than \$1 billion in fresh economic impact annually over the next 20 years.***
- ***LSU/OLOL Partnership***
- ***New Construction***
- ***Multiplier effect***

# A Little History of the World

## E. H. Gombrich

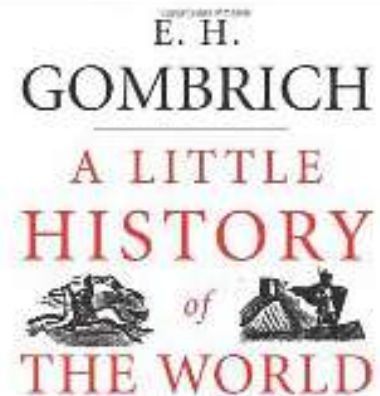
- Anyone who owned a mechanical loom could, with the help of one or two assistants – perhaps his wife and children – do more work than a hundred trained weavers.
- So whatever became of all the weavers in a town into which a mechanical loom was introduced? . . . they woke up one day to discover that they weren't needed any more. **Everything it had taken them years to learn, first as apprentices and then as journeymen, was useless.**

**Compression of wages**

**Restructuring of the economy**

**Those that adapt flourish**

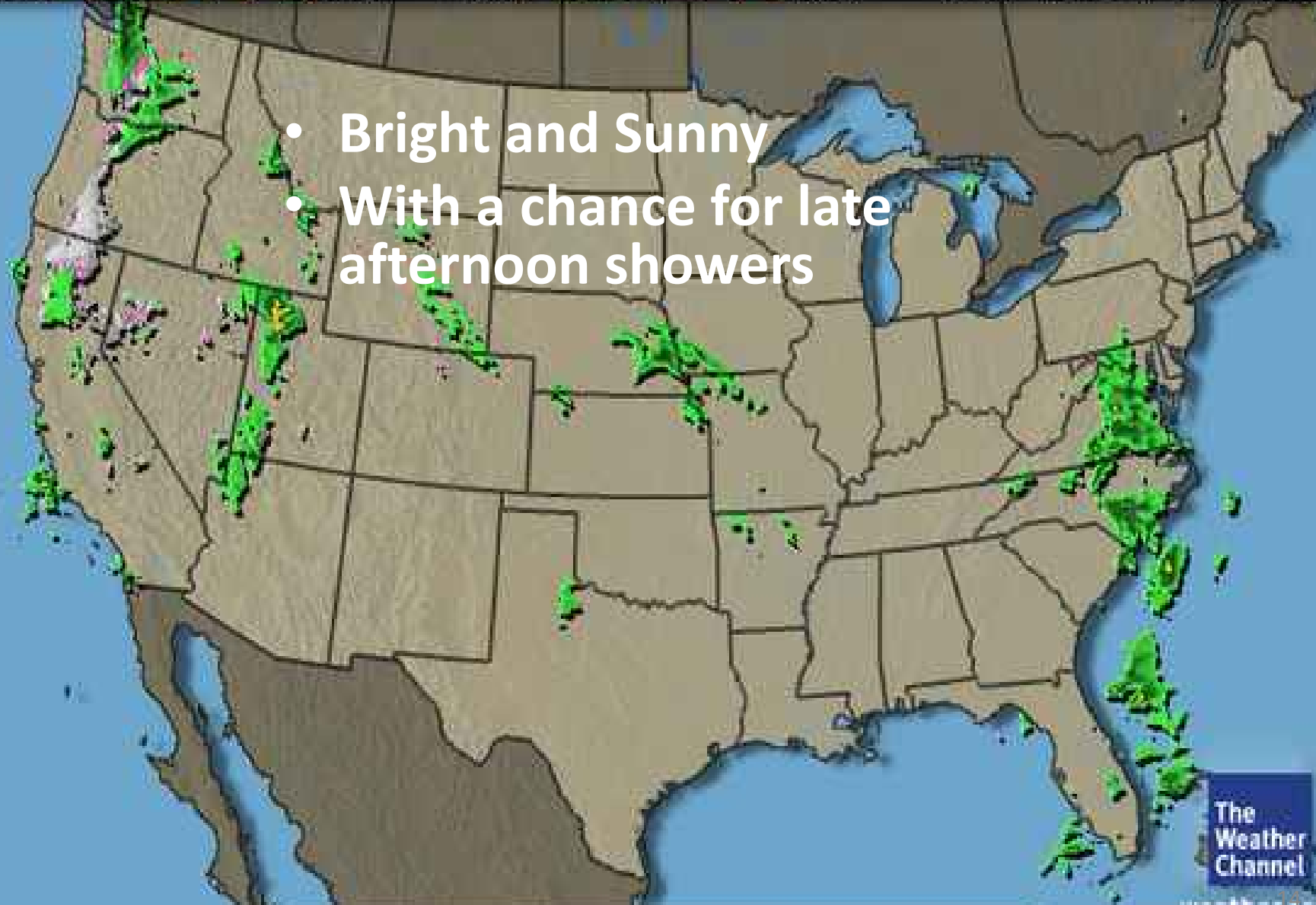
**Those that could not . . .**



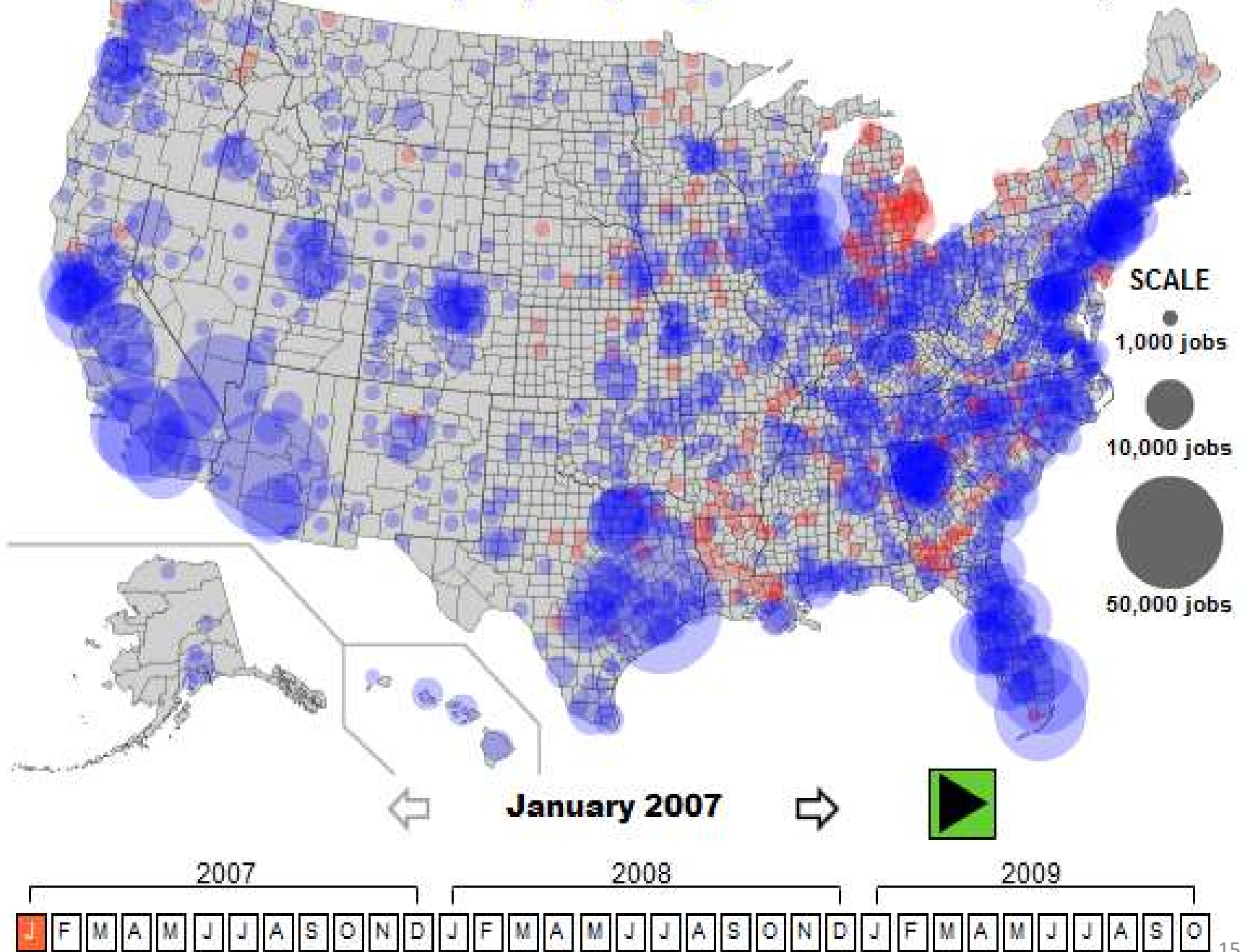
# National Doppler Radar



- Bright and Sunny
- With a chance for late afternoon showers

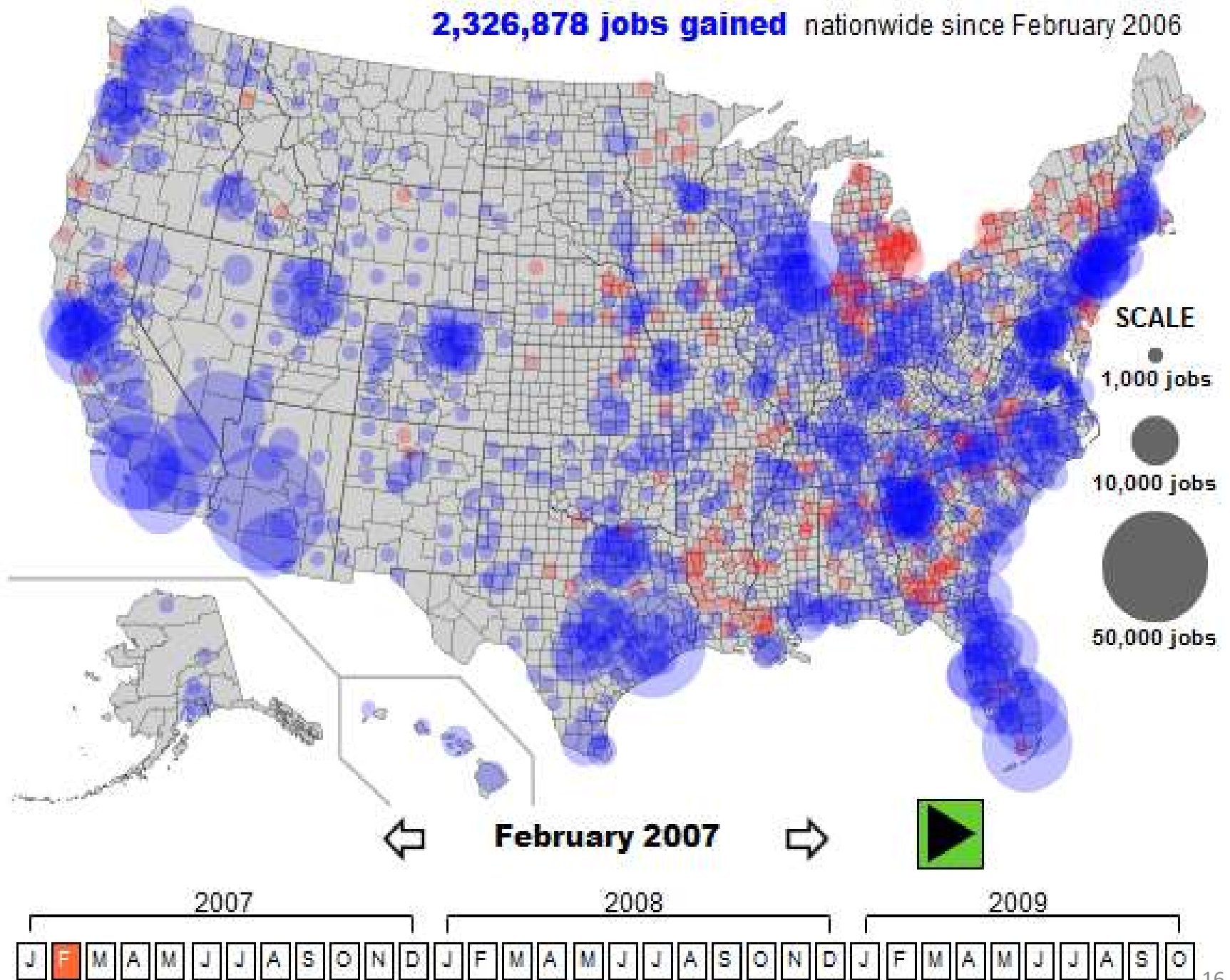


**2,625,193 jobs gained** nationwide since January 2006



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

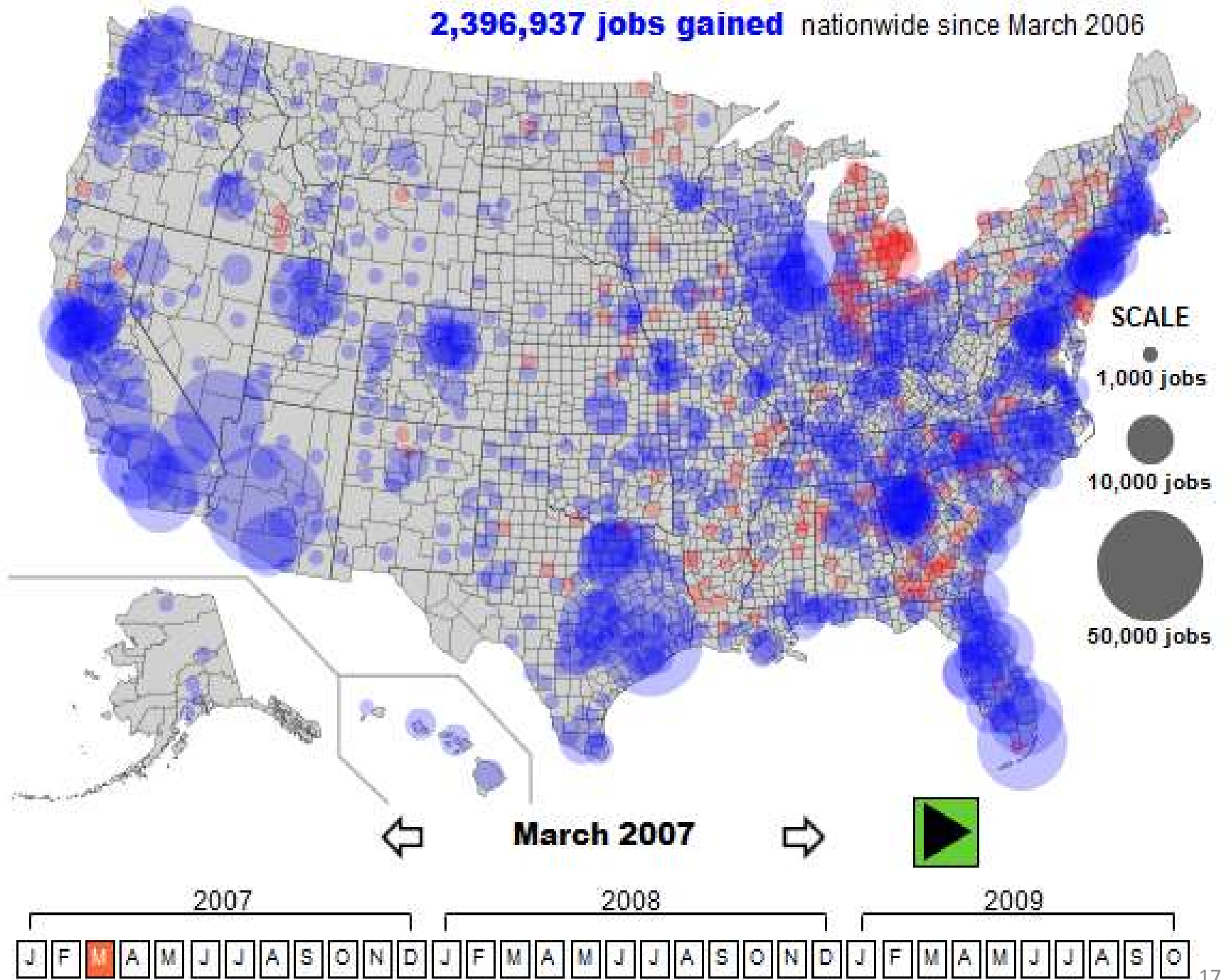
**2,326,878 jobs gained** nationwide since February 2006



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

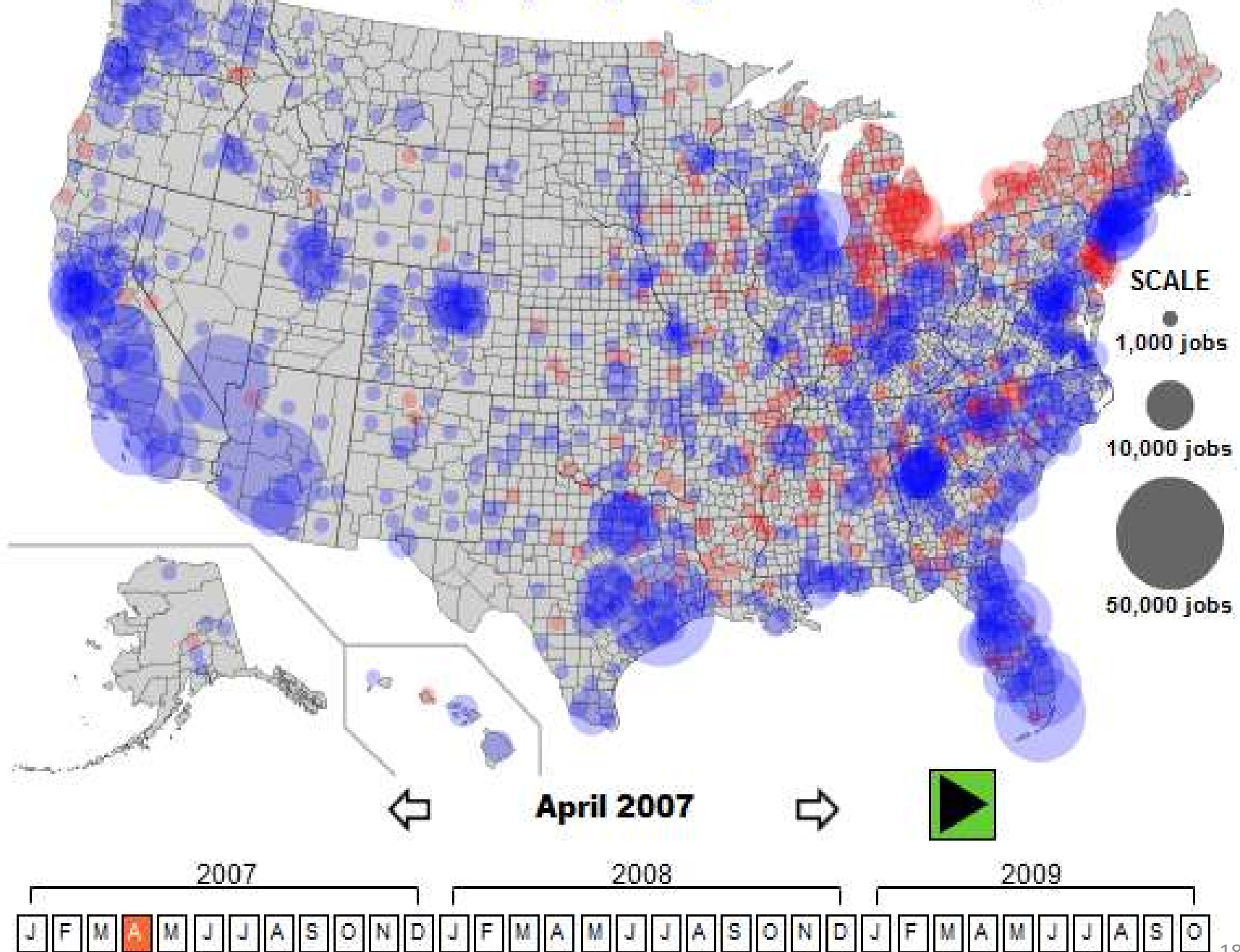


**2,396,937 jobs gained** nationwide since March 2006



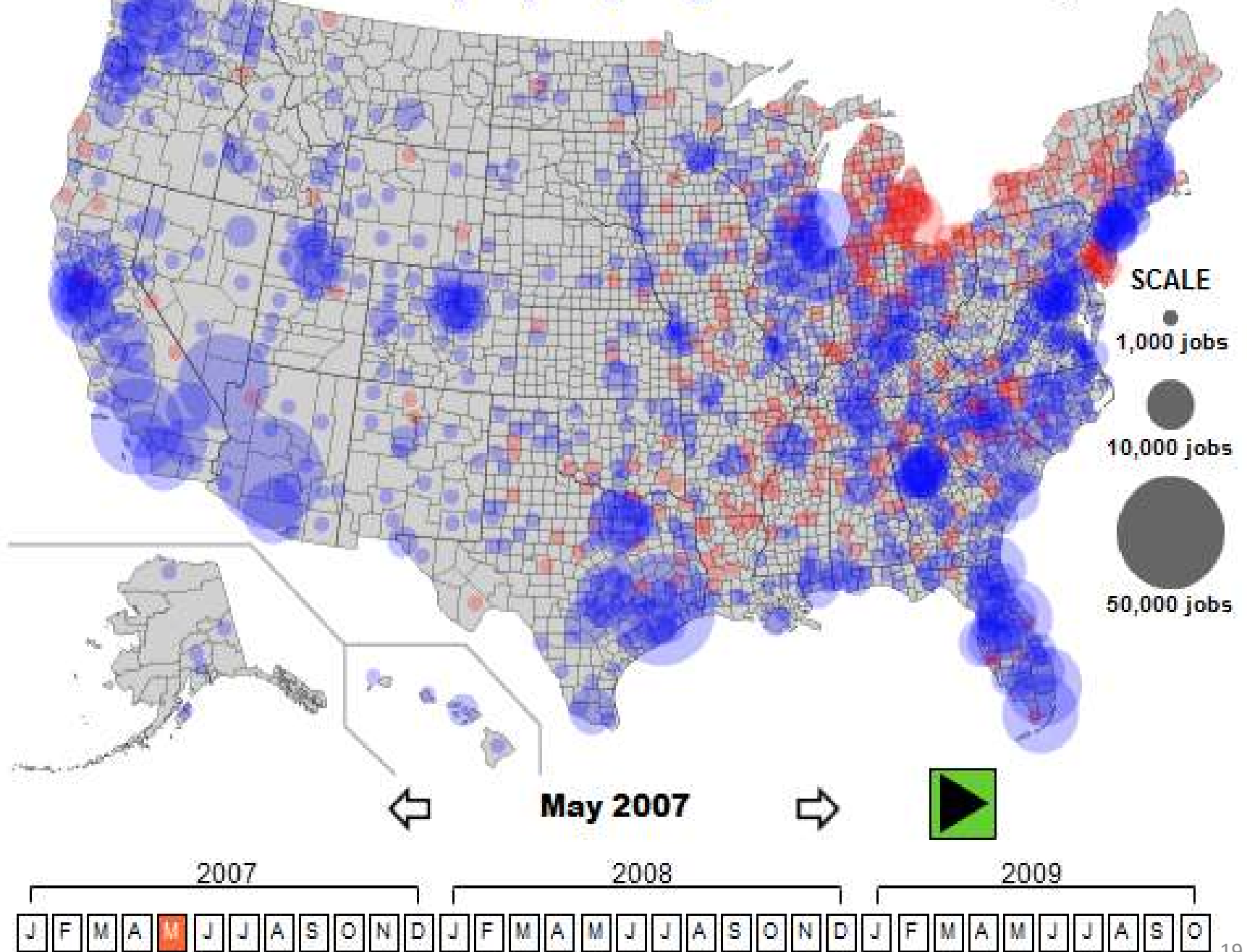
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**1,744,303 jobs gained** nationwide since April 2006



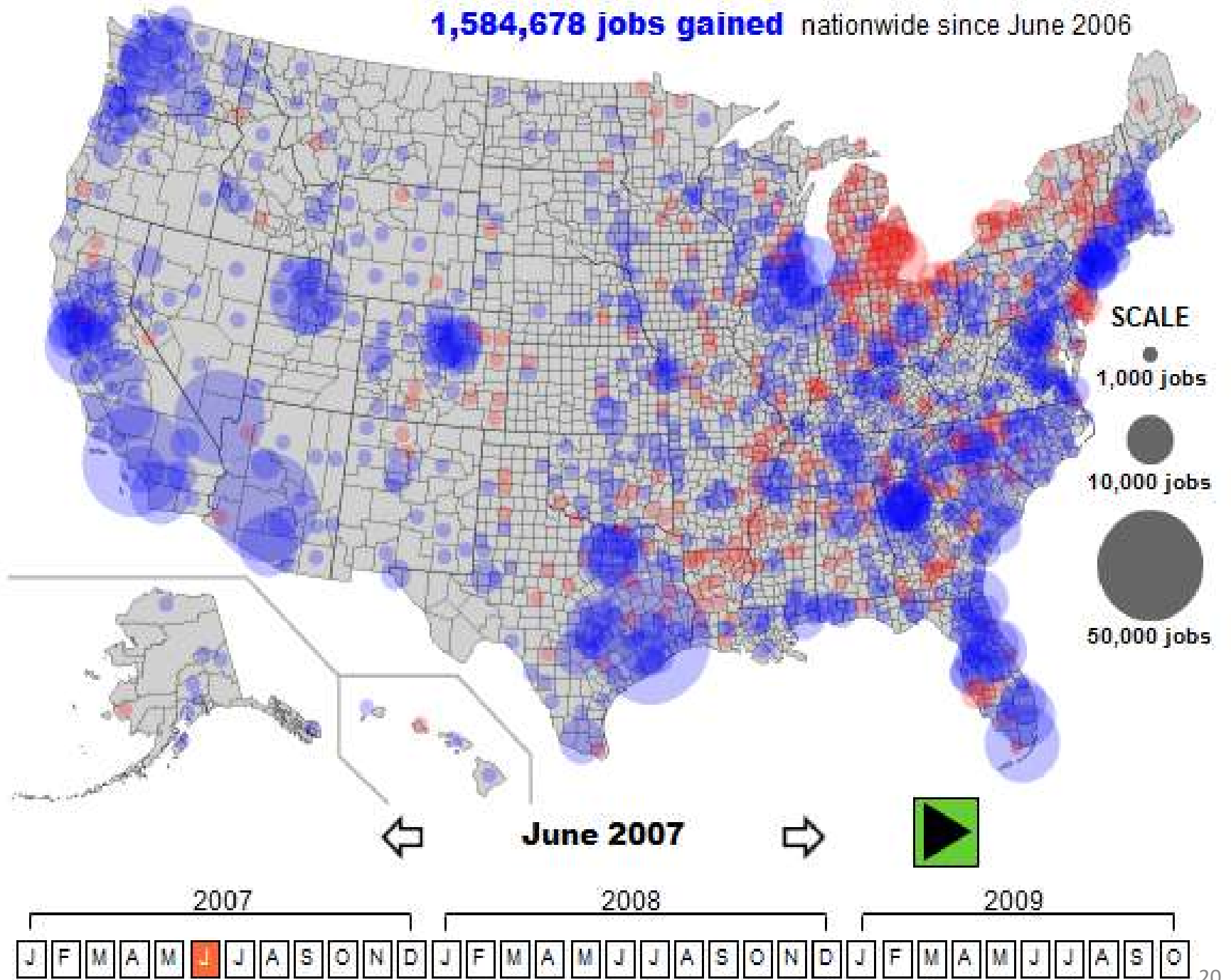
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**1,667,852 jobs gained** nationwide since May 2006



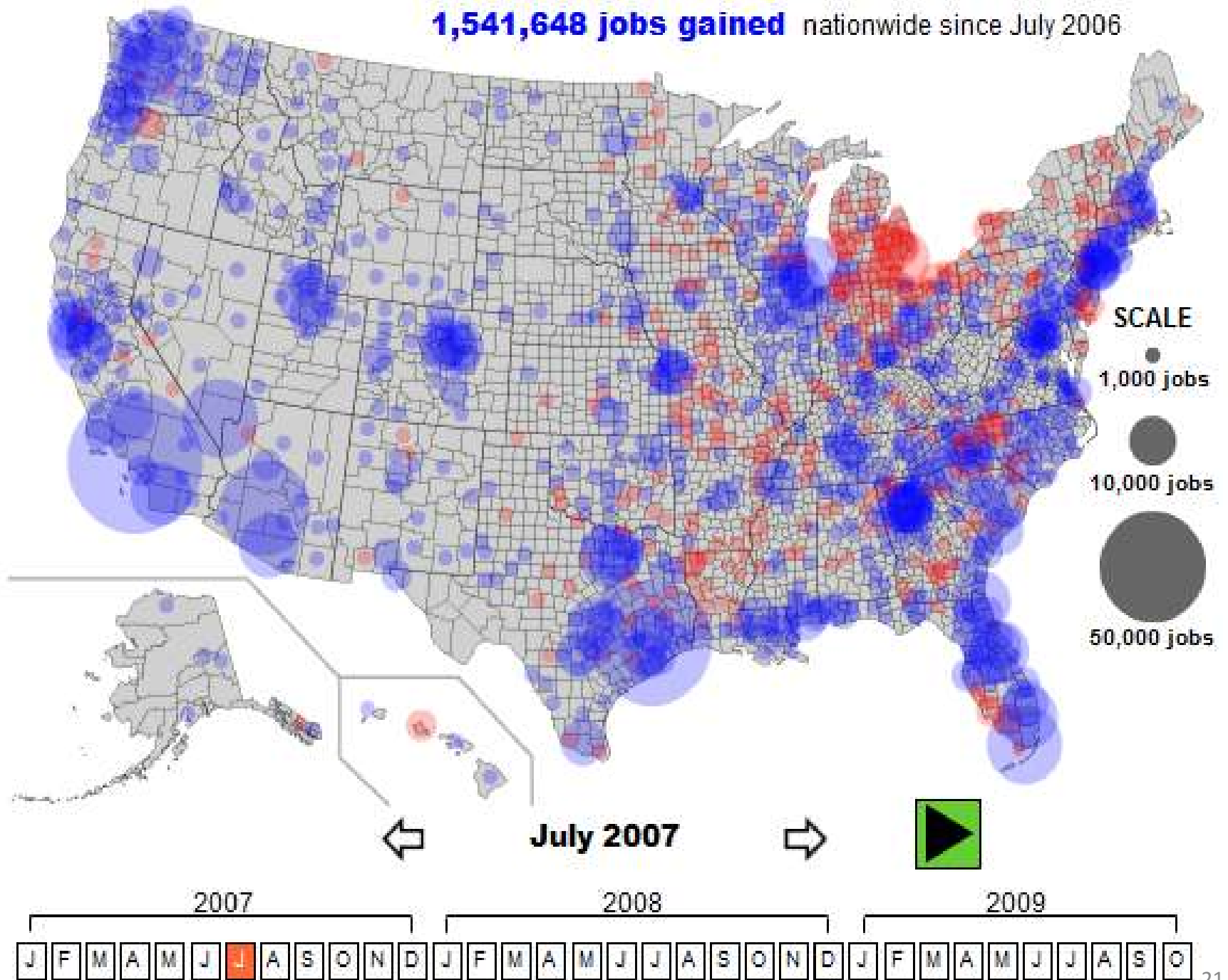
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**1,584,678 jobs gained** nationwide since June 2006



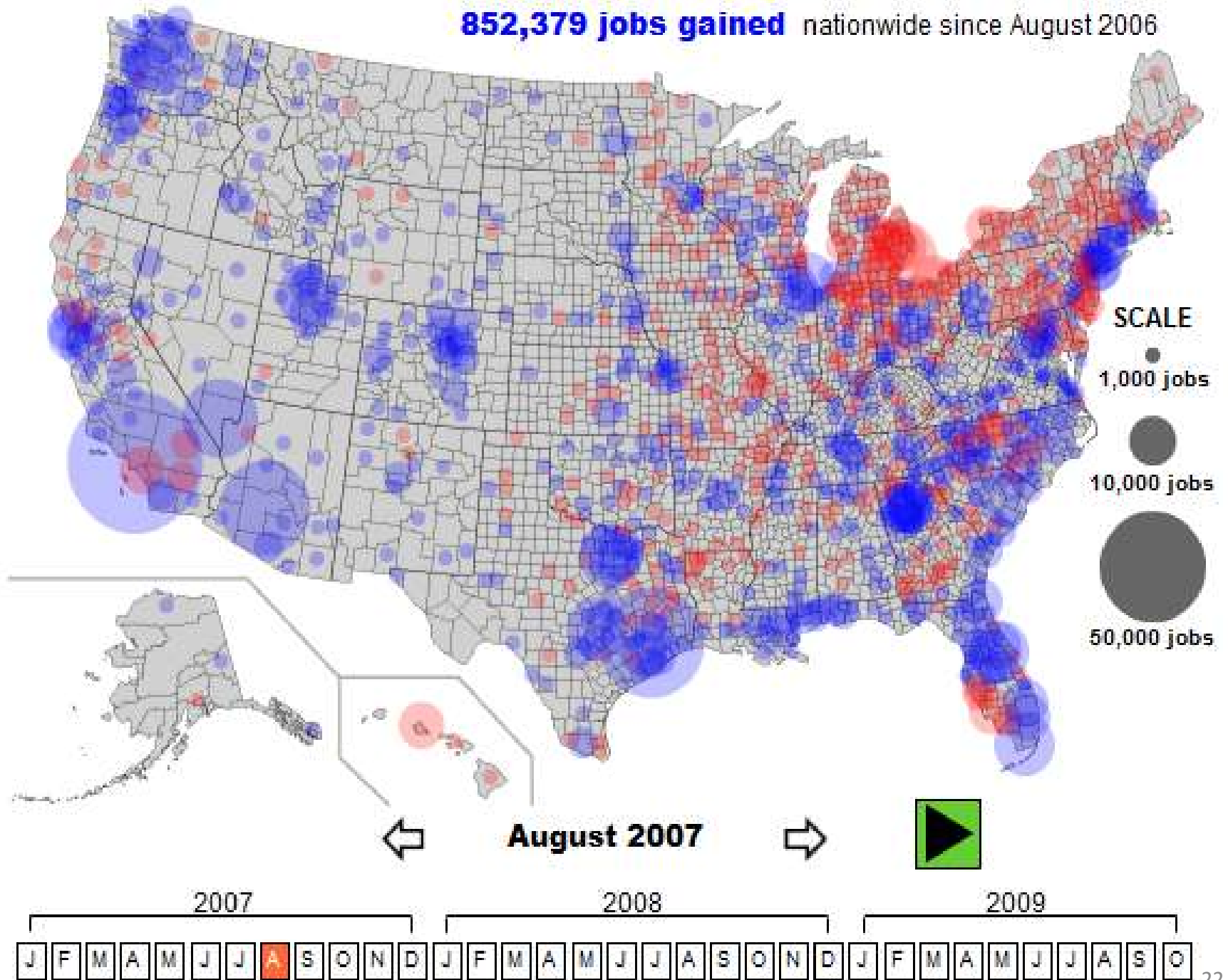
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**1,541,648 jobs gained** nationwide since July 2006



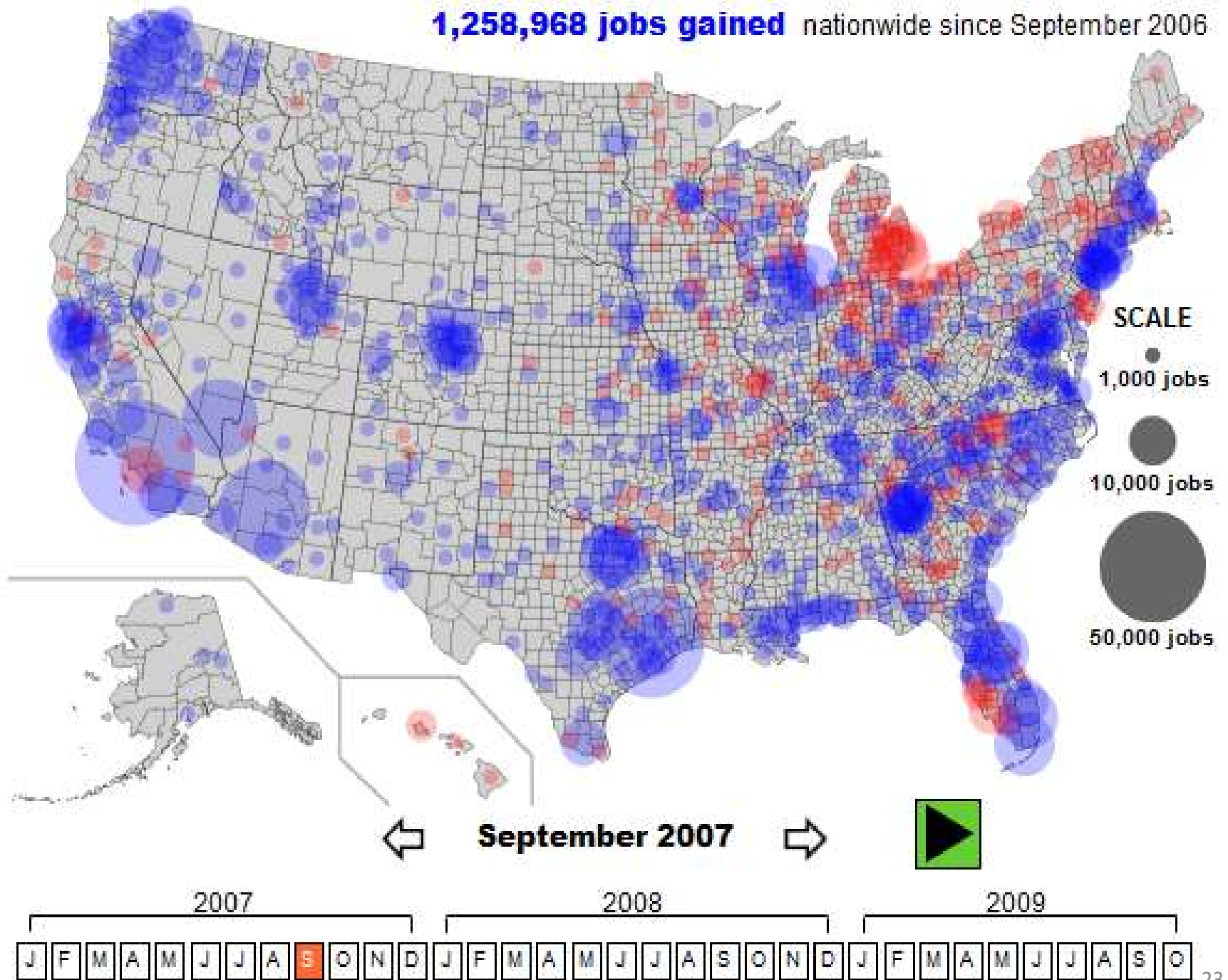
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**852,379 jobs gained** nationwide since August 2006



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

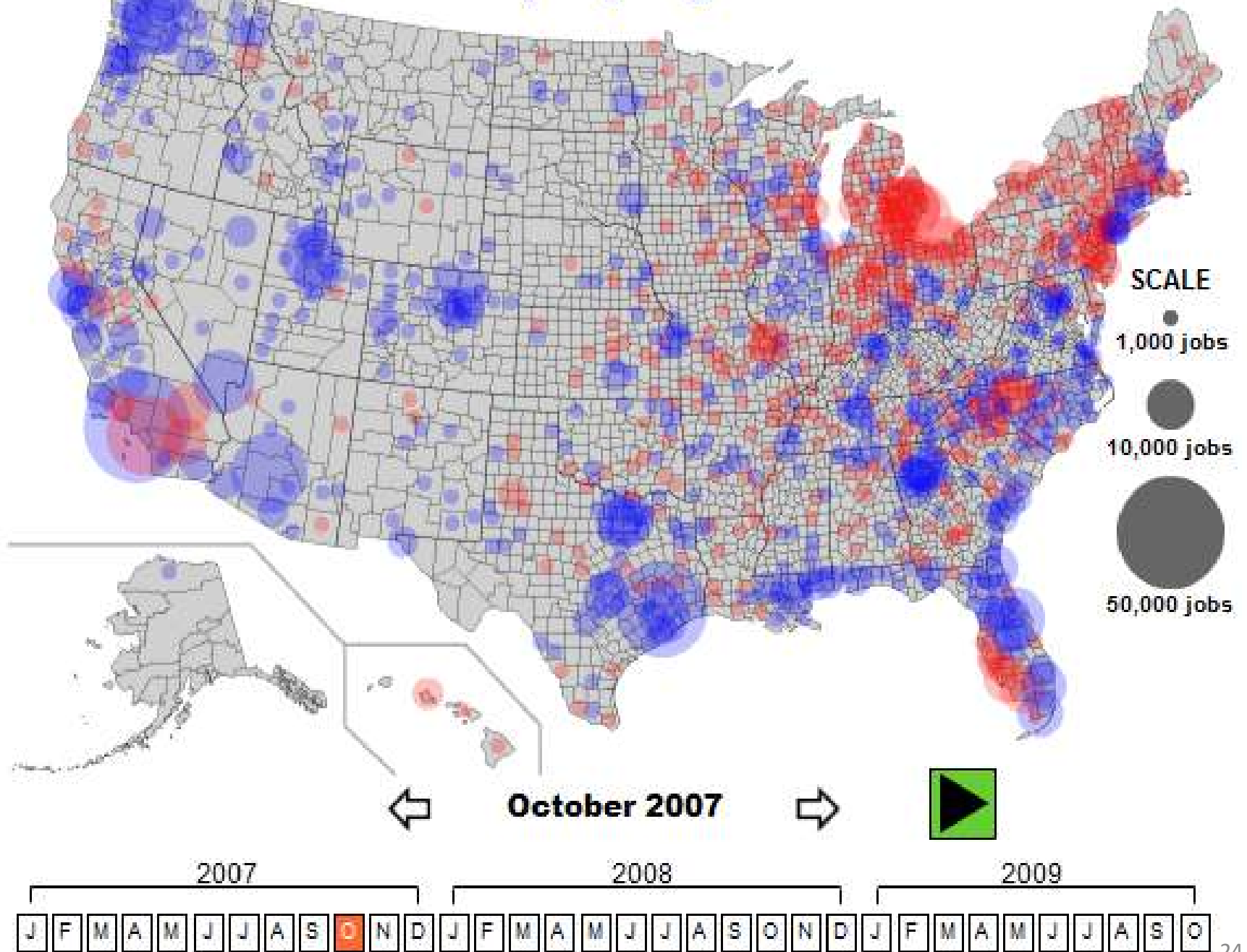
**1,258,968 jobs gained** nationwide since September 2006



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics



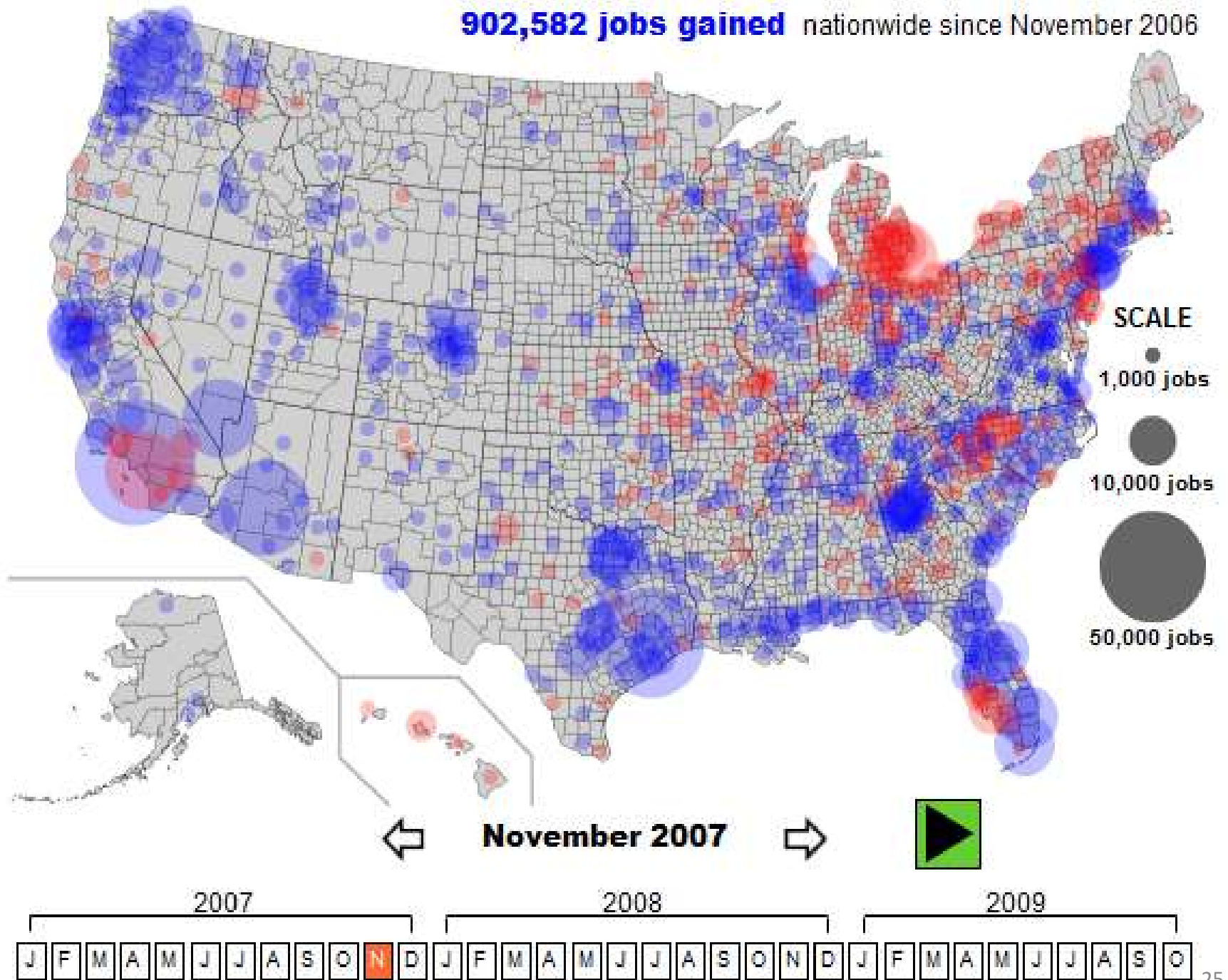
**427,218 jobs gained** nationwide since October 2006



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

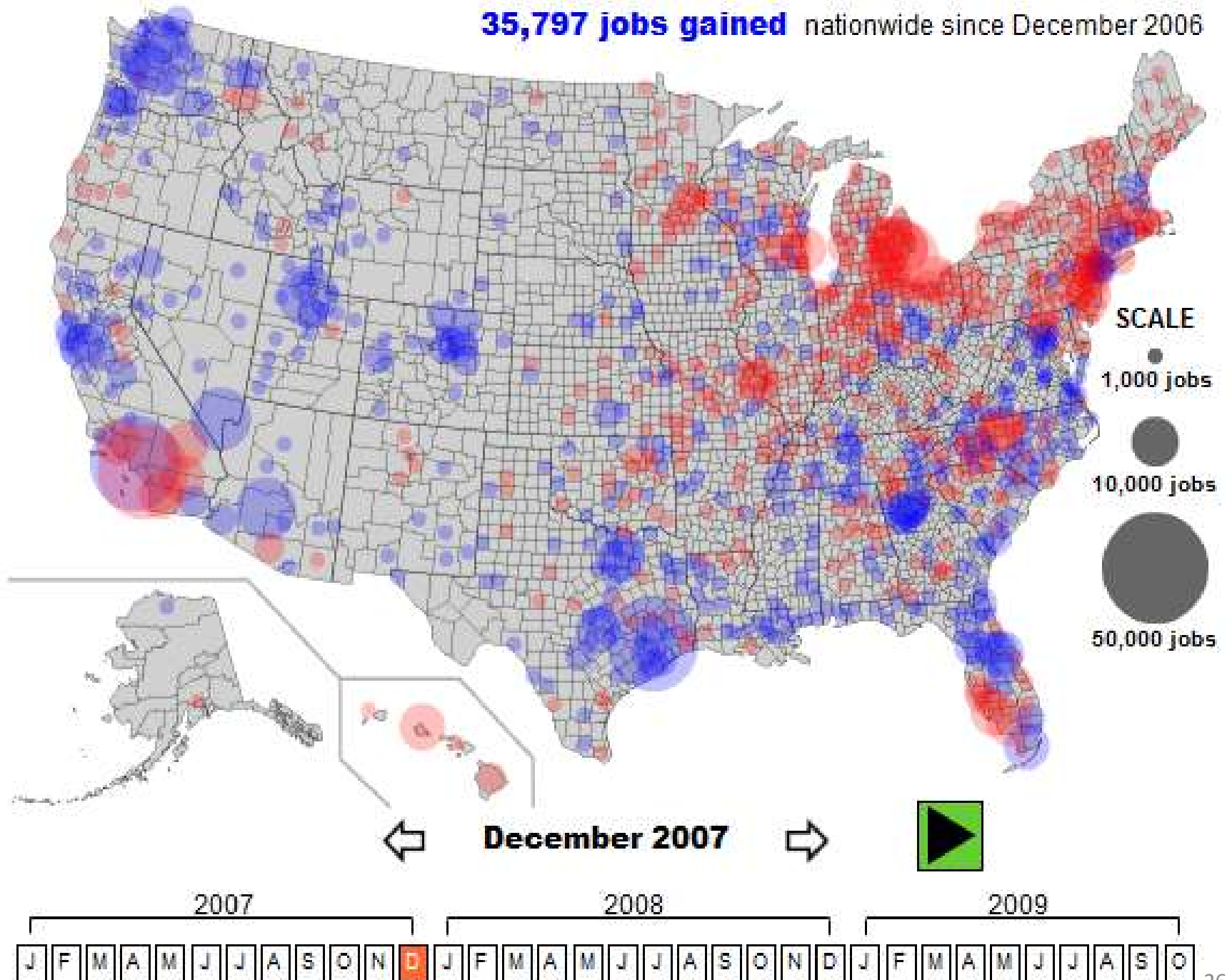


**902,582 jobs gained** nationwide since November 2006



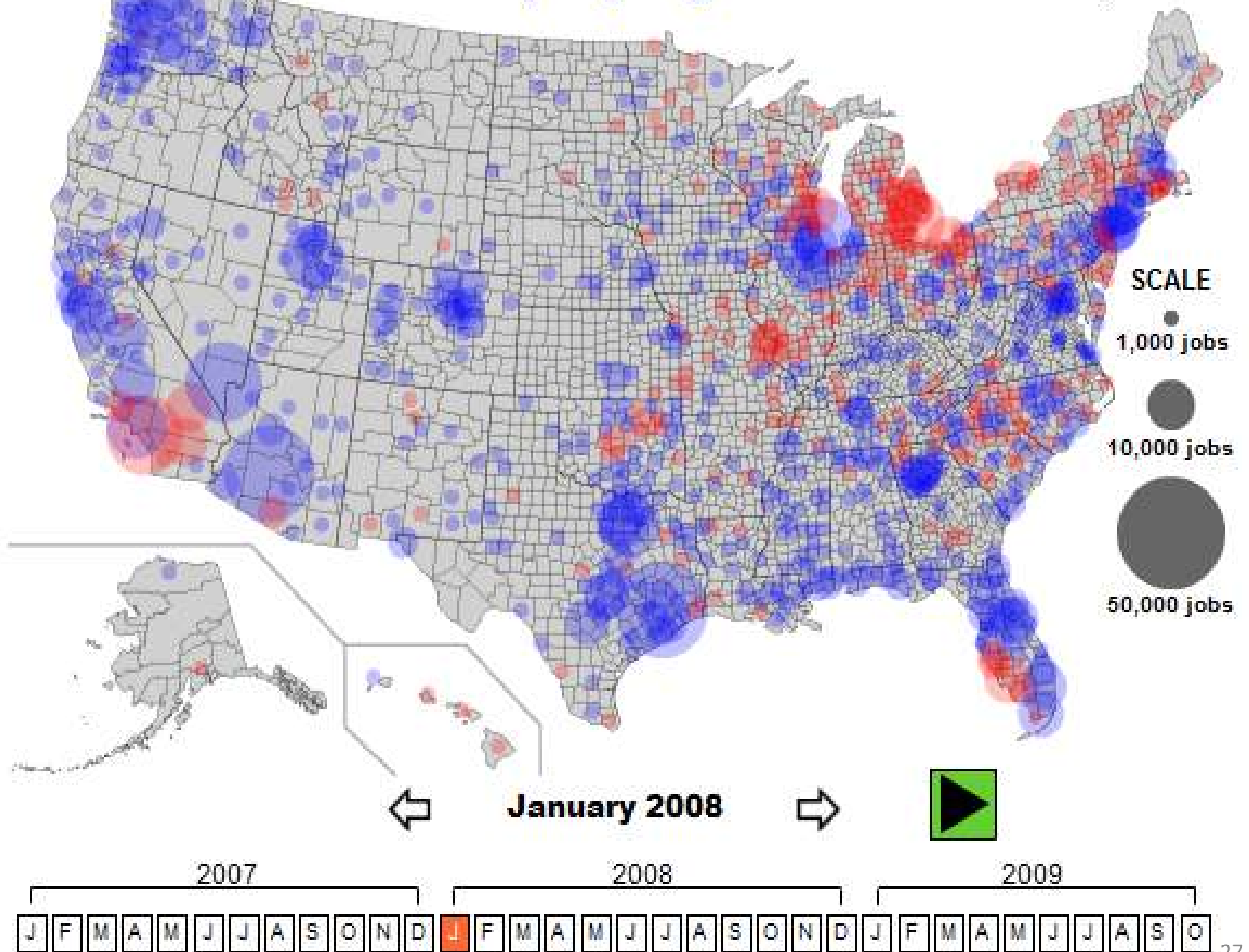
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**35,797 jobs gained** nationwide since December 2006



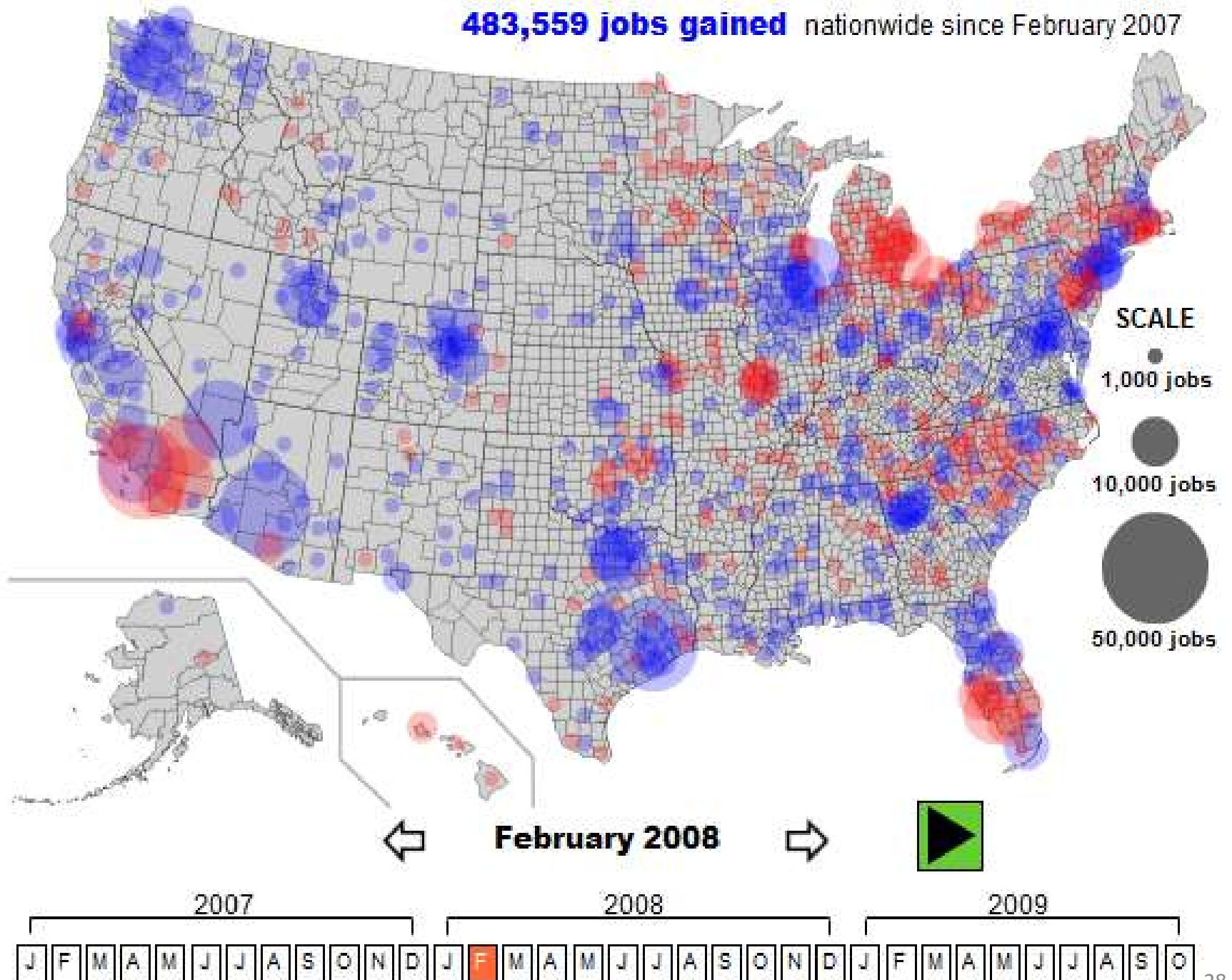
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics <sup>26</sup>

**766,413 jobs gained** nationwide since January 2007



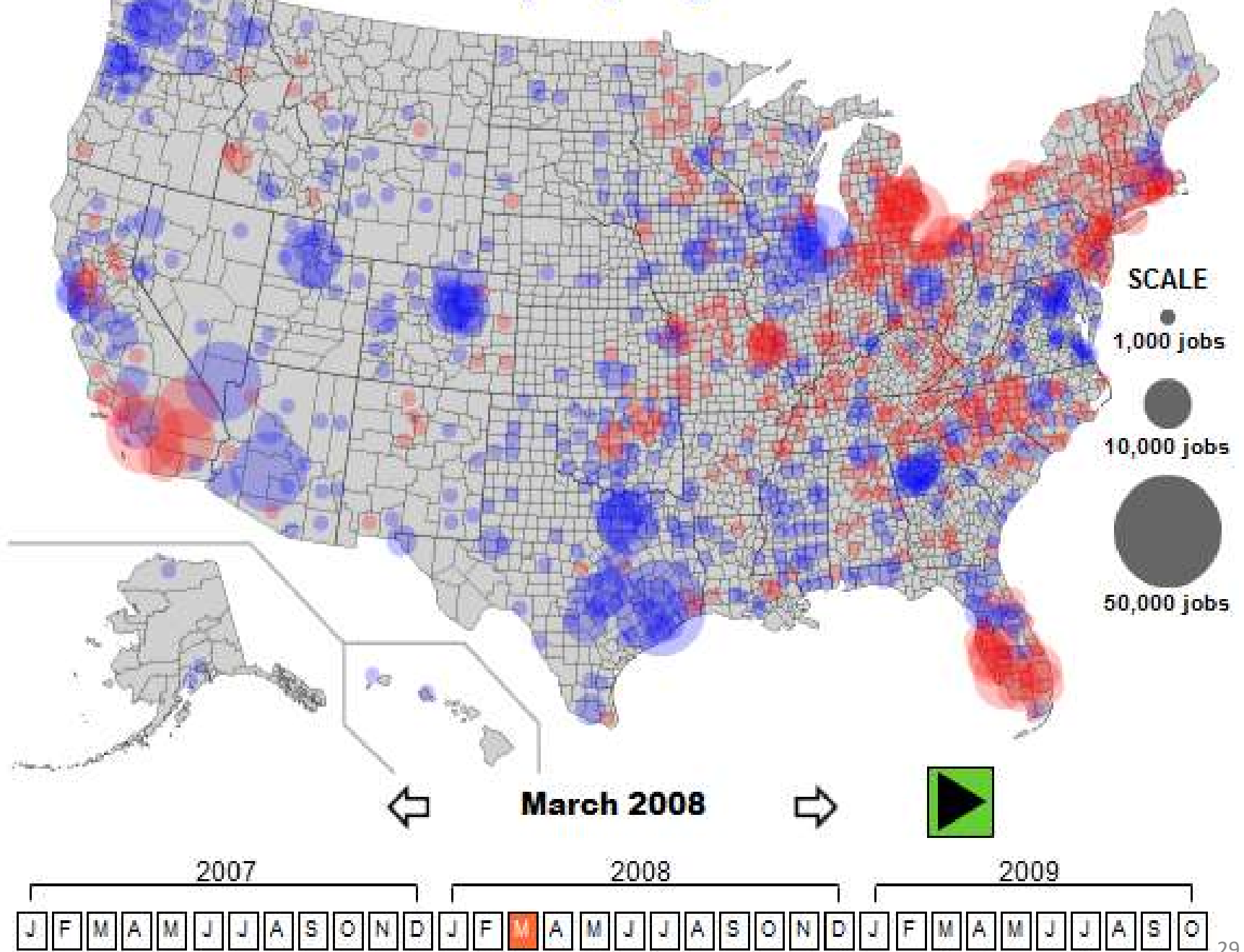
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**483,559 jobs gained** nationwide since February 2007



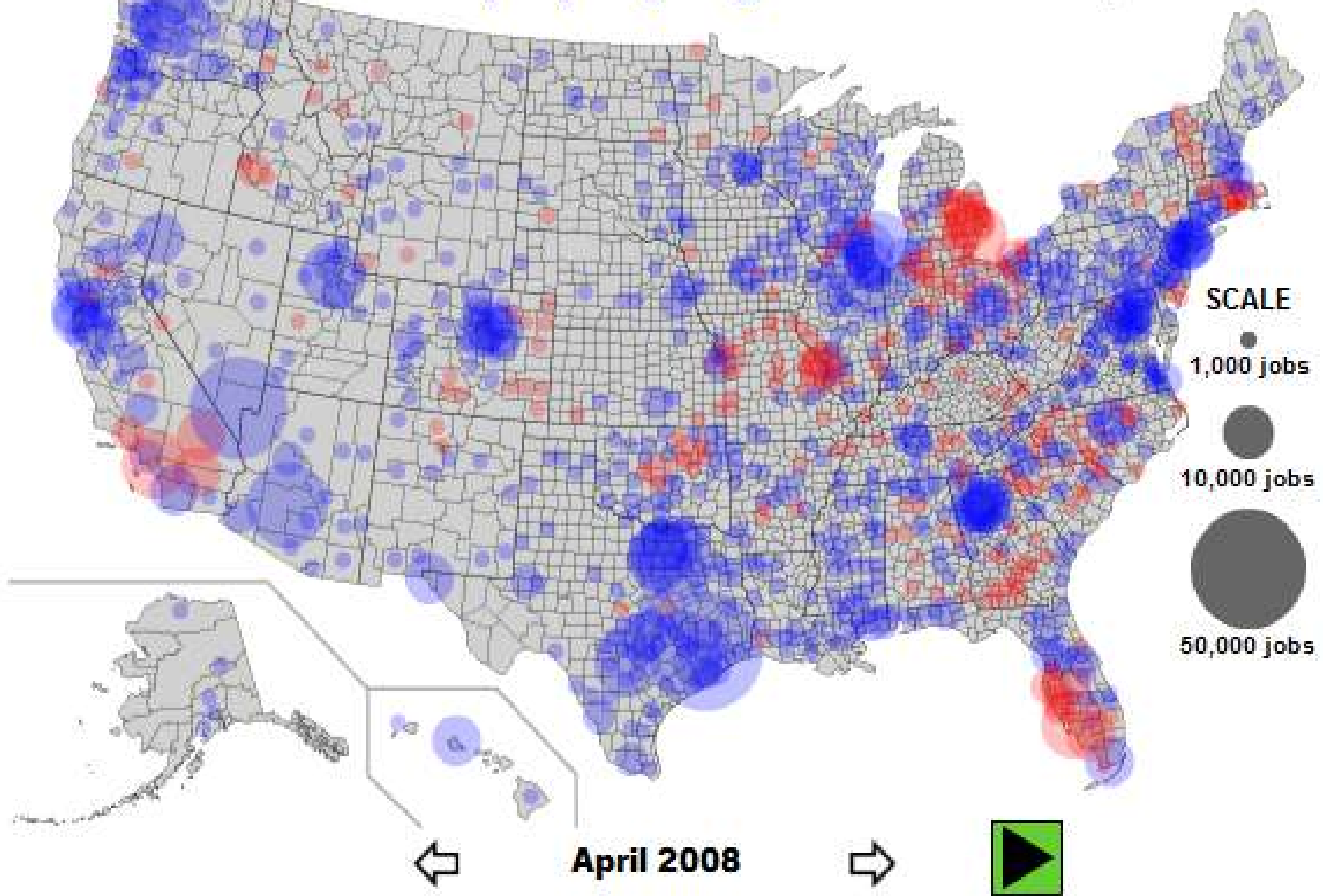
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**192,836 jobs gained** nationwide since March 2007



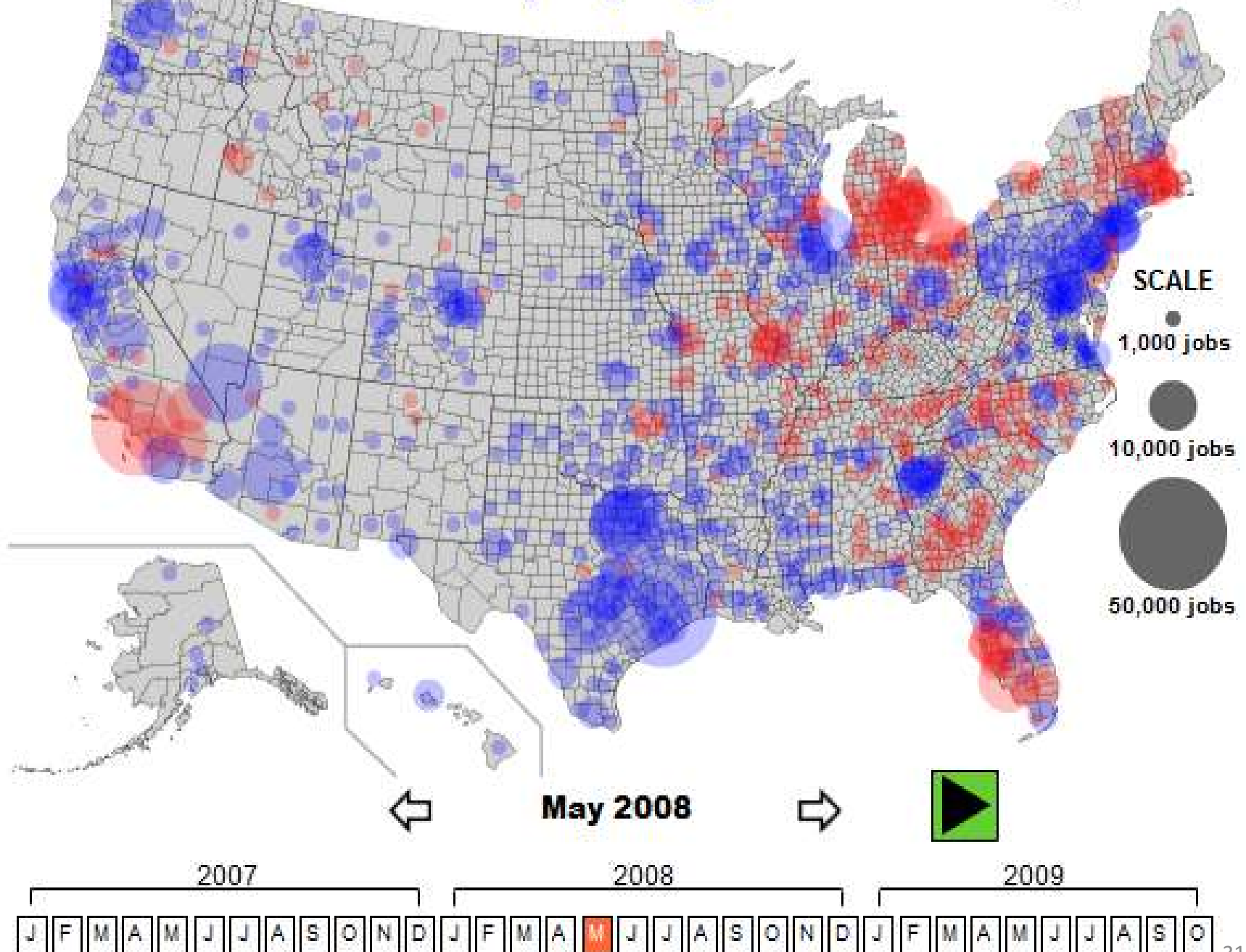
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**1,027,988 jobs gained** nationwide since April 2007



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

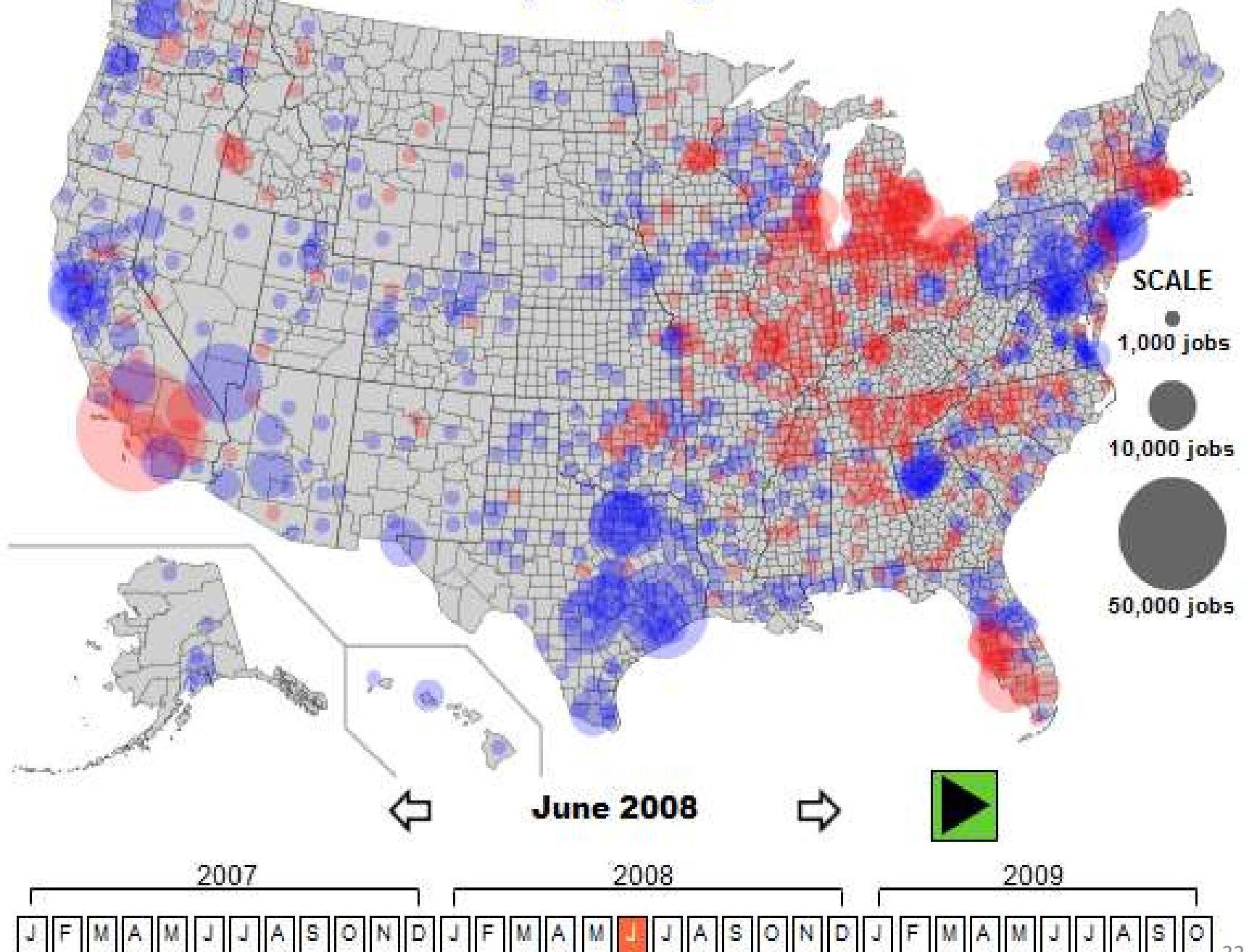
**463,832 jobs gained** nationwide since May 2007



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics



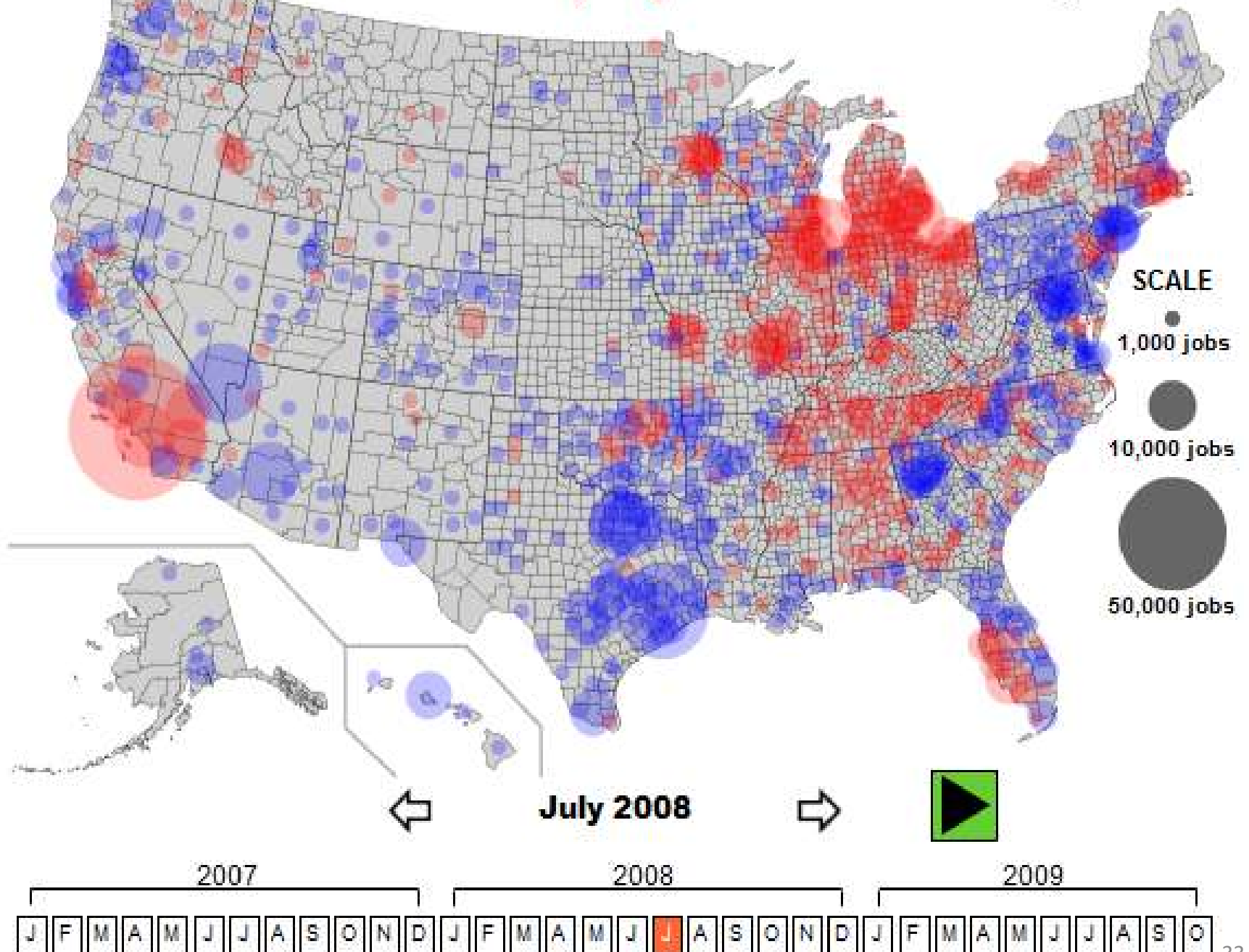
**97,836 jobs gained** nationwide since June 2007



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

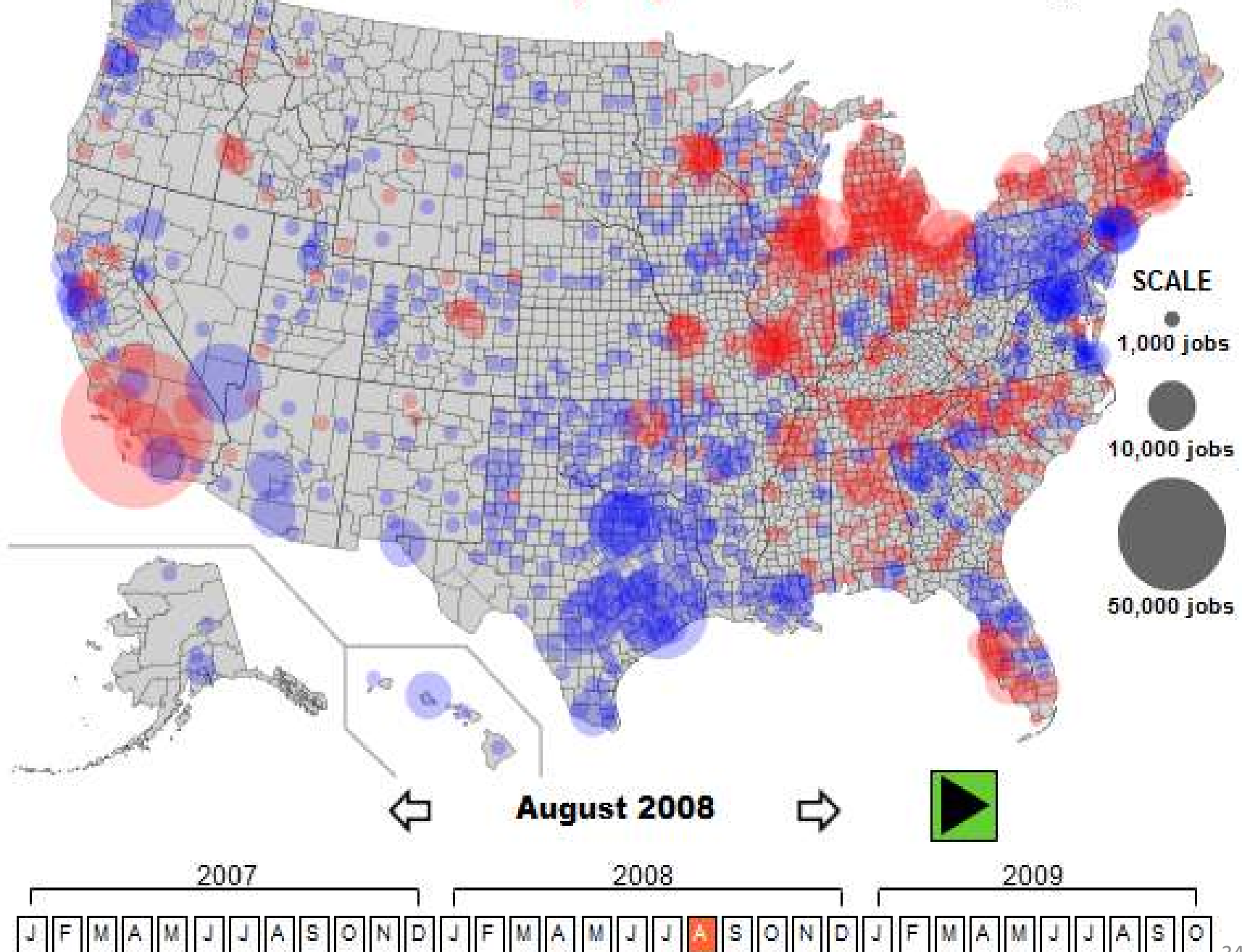


**44,869 jobs lost** nationwide since July 2007



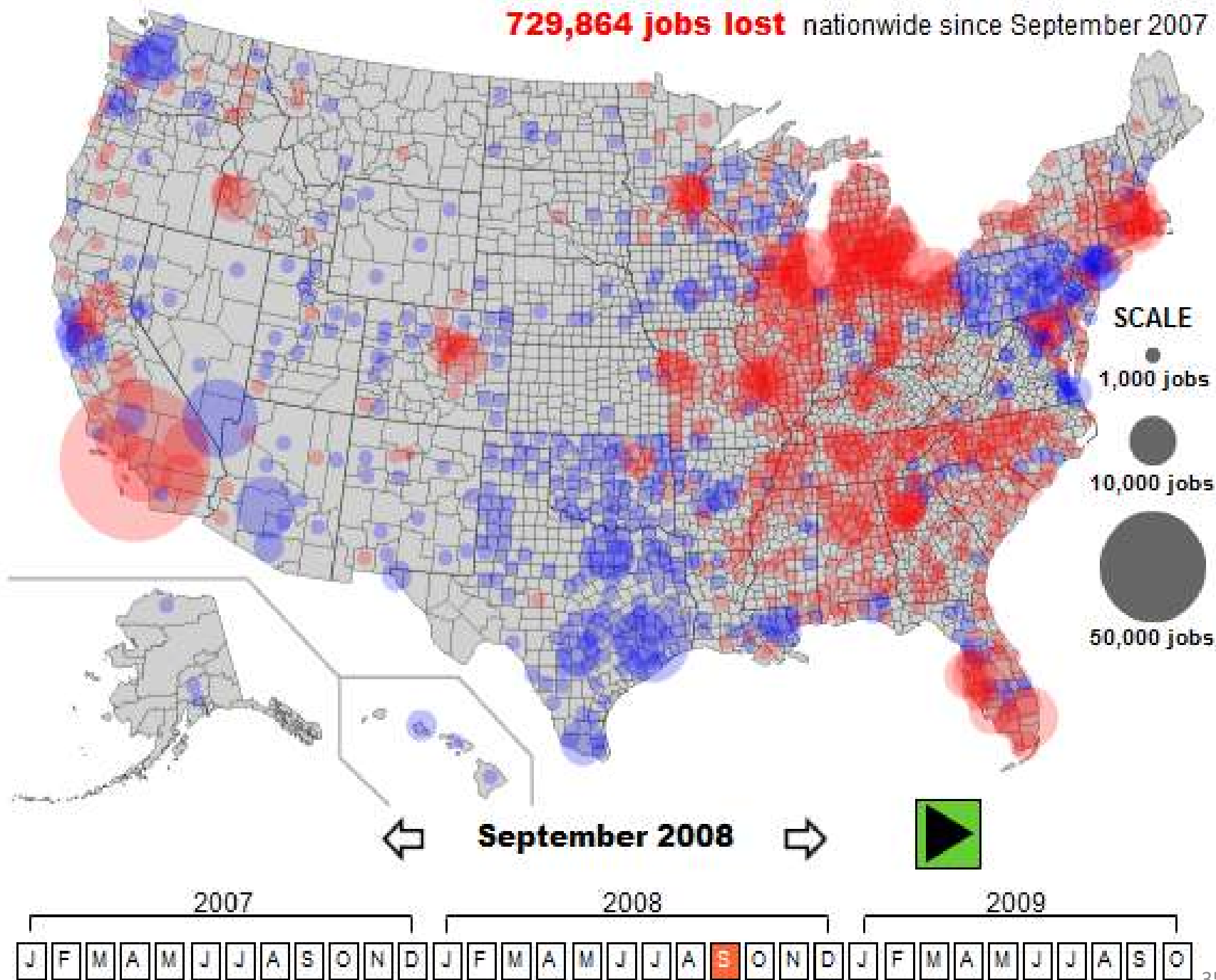
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**89,253 jobs lost** nationwide since August 2007



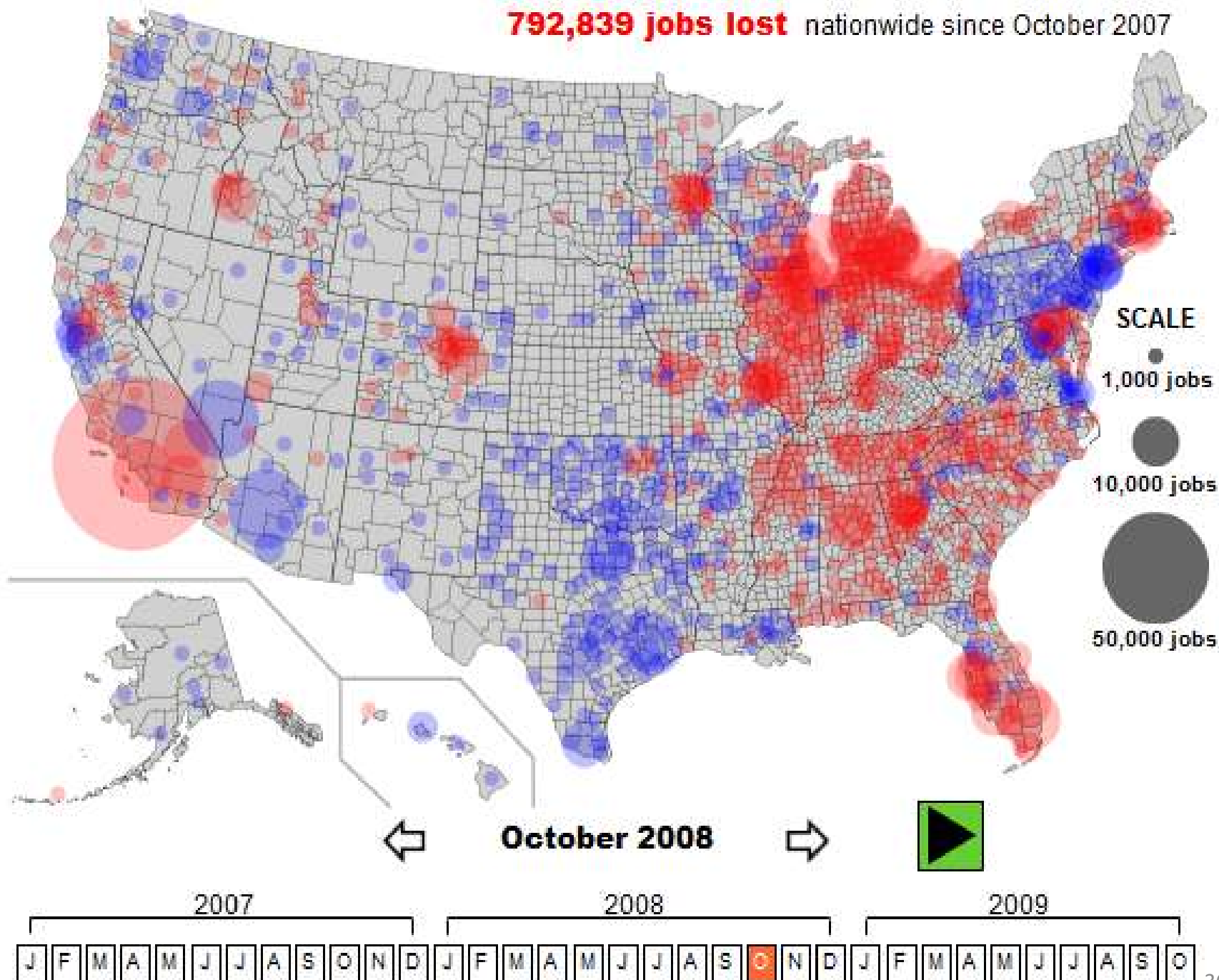
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**729,864 jobs lost** nationwide since September 2007



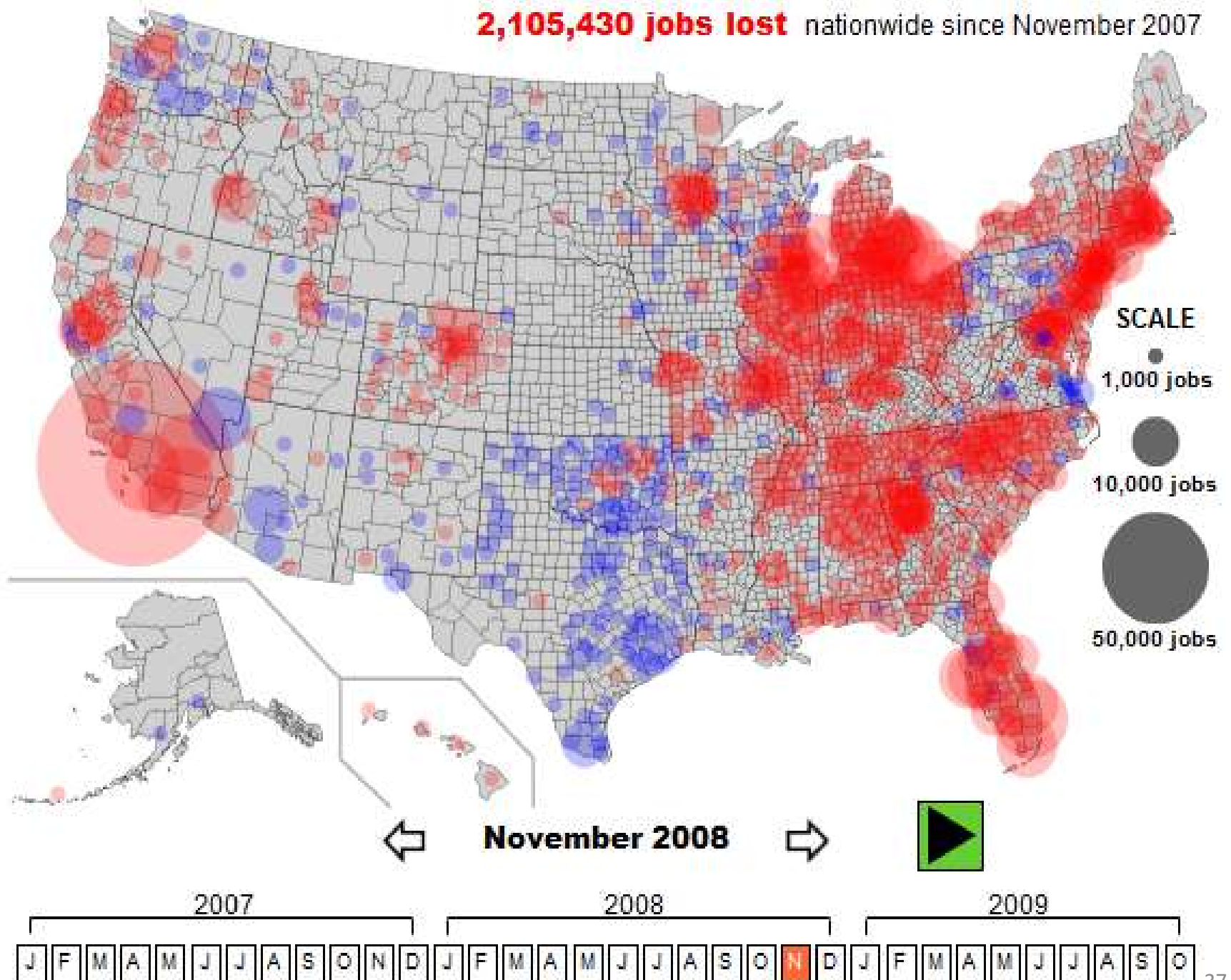
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**792,839 jobs lost** nationwide since October 2007



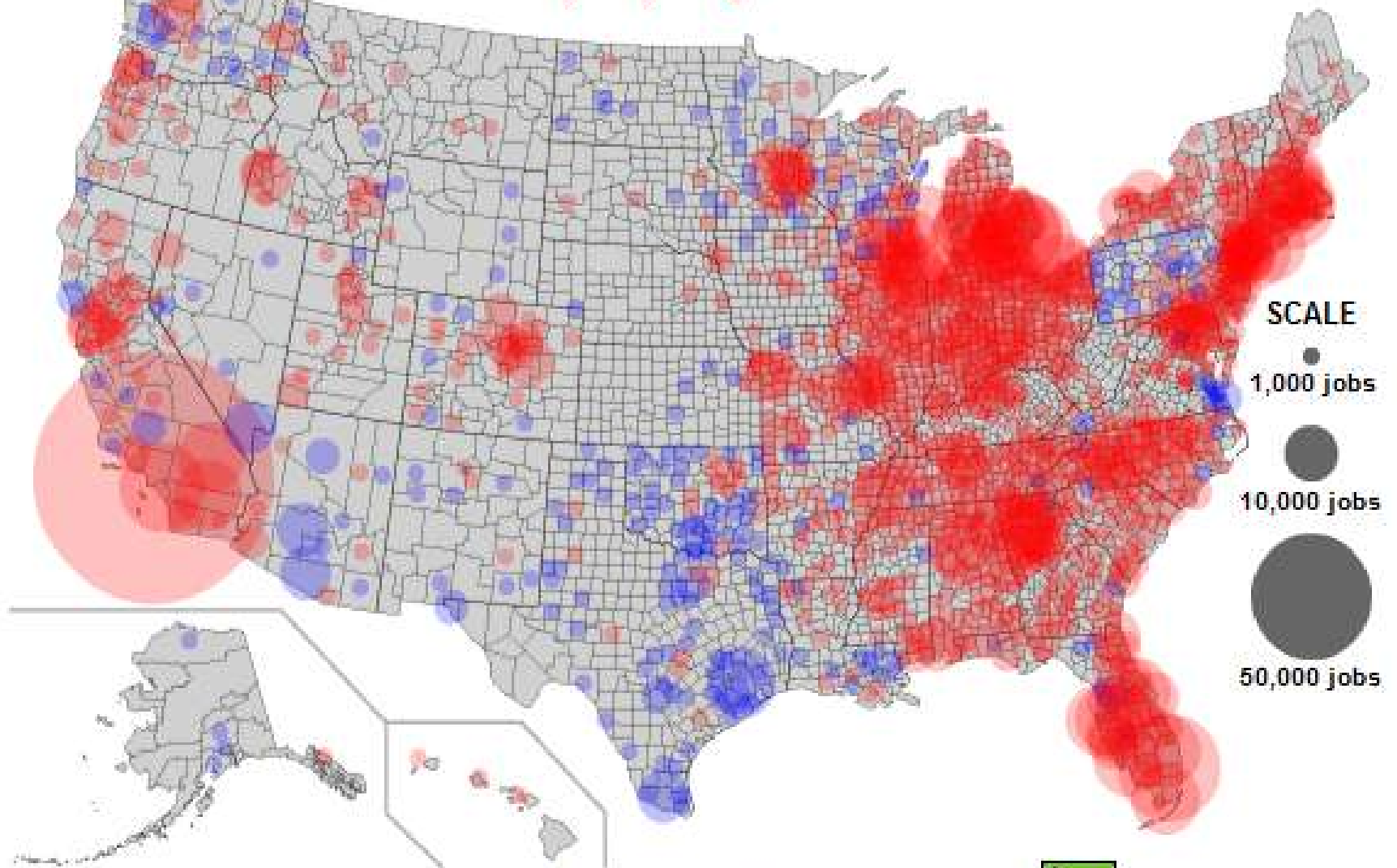
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**2,105,430 jobs lost** nationwide since November 2007

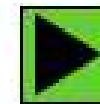


SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**2,581,314 jobs lost** nationwide since December 2007



**December 2008**



2007

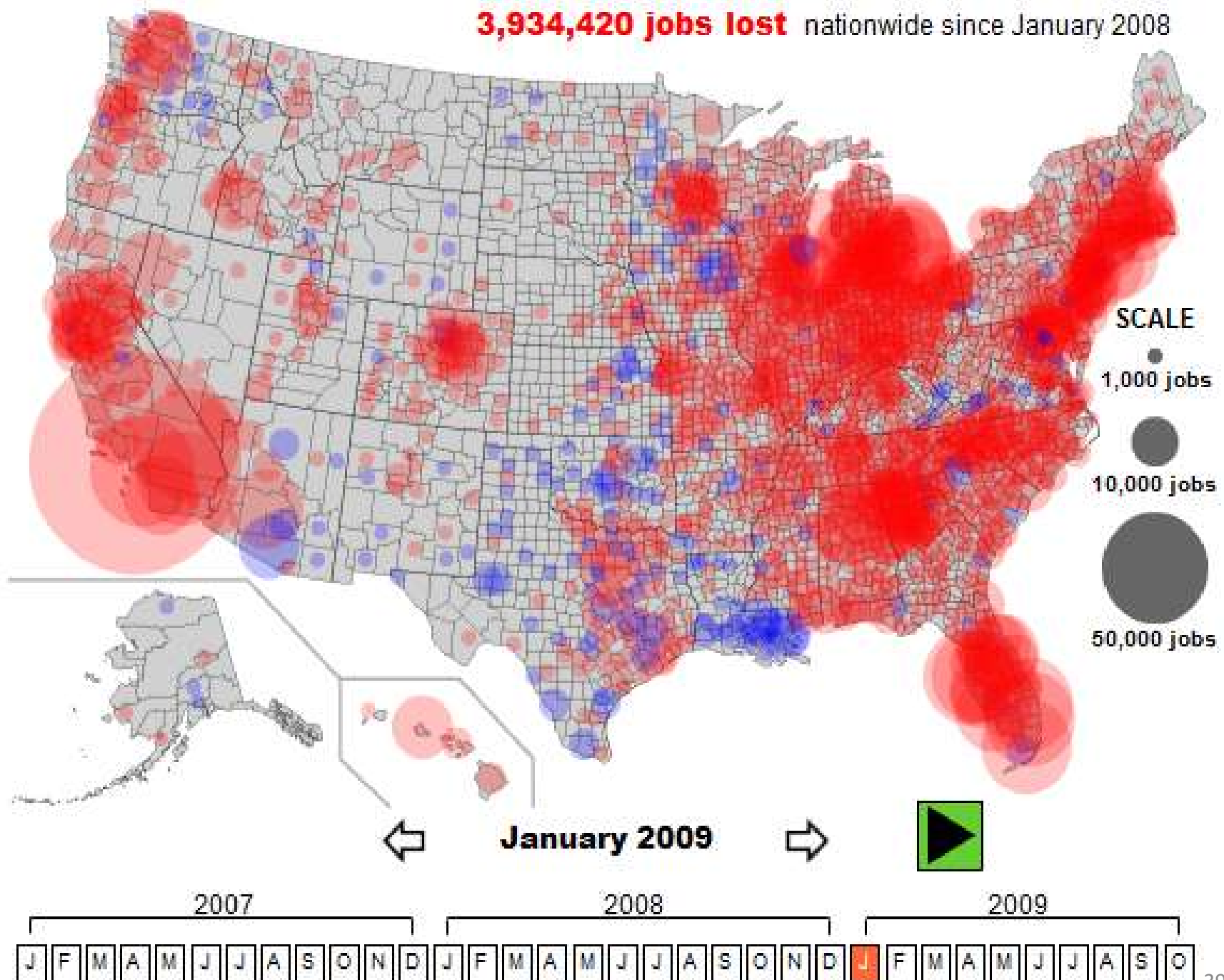
2008

2009

J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O

SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

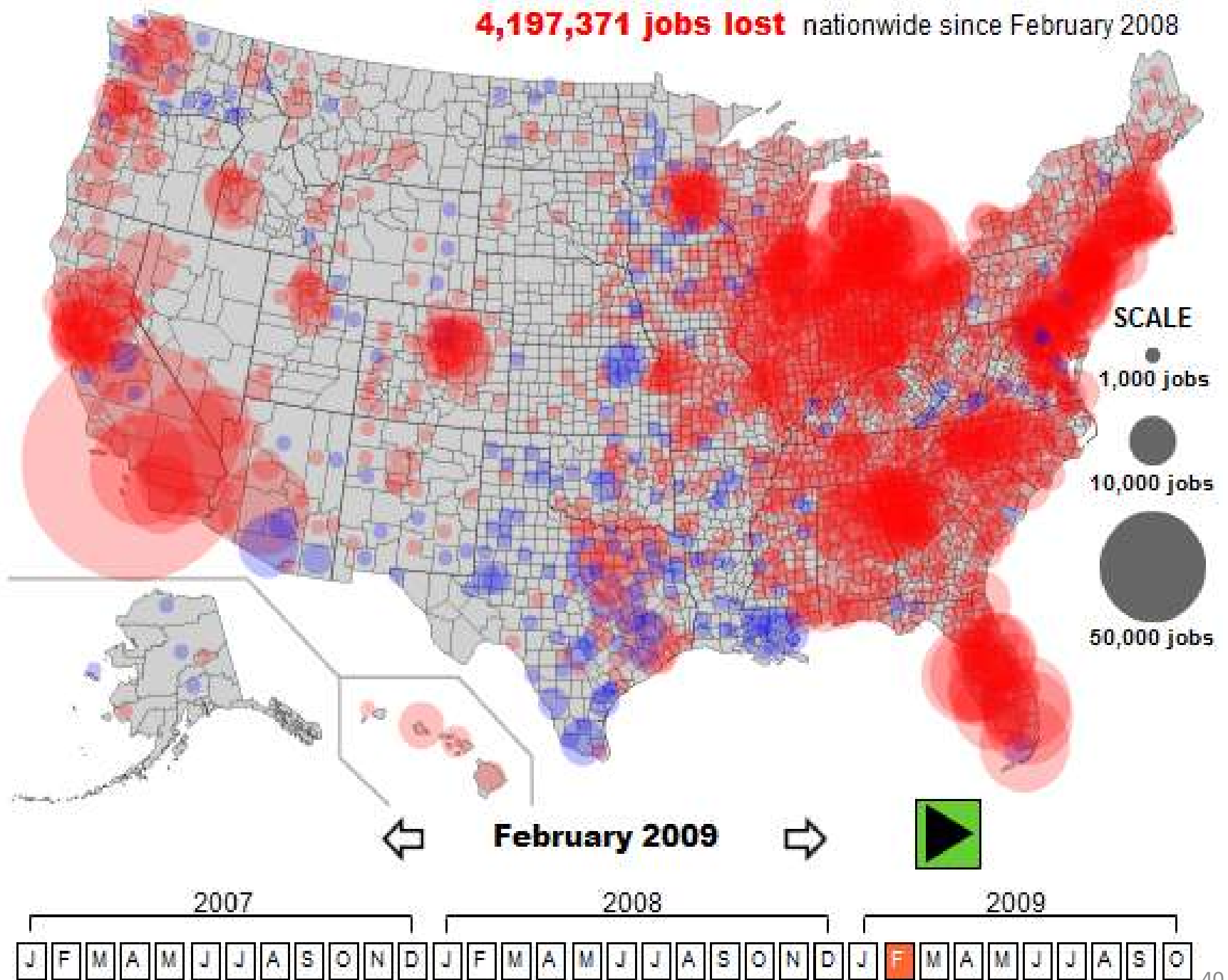
**3,934,420 jobs lost** nationwide since January 2008



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics



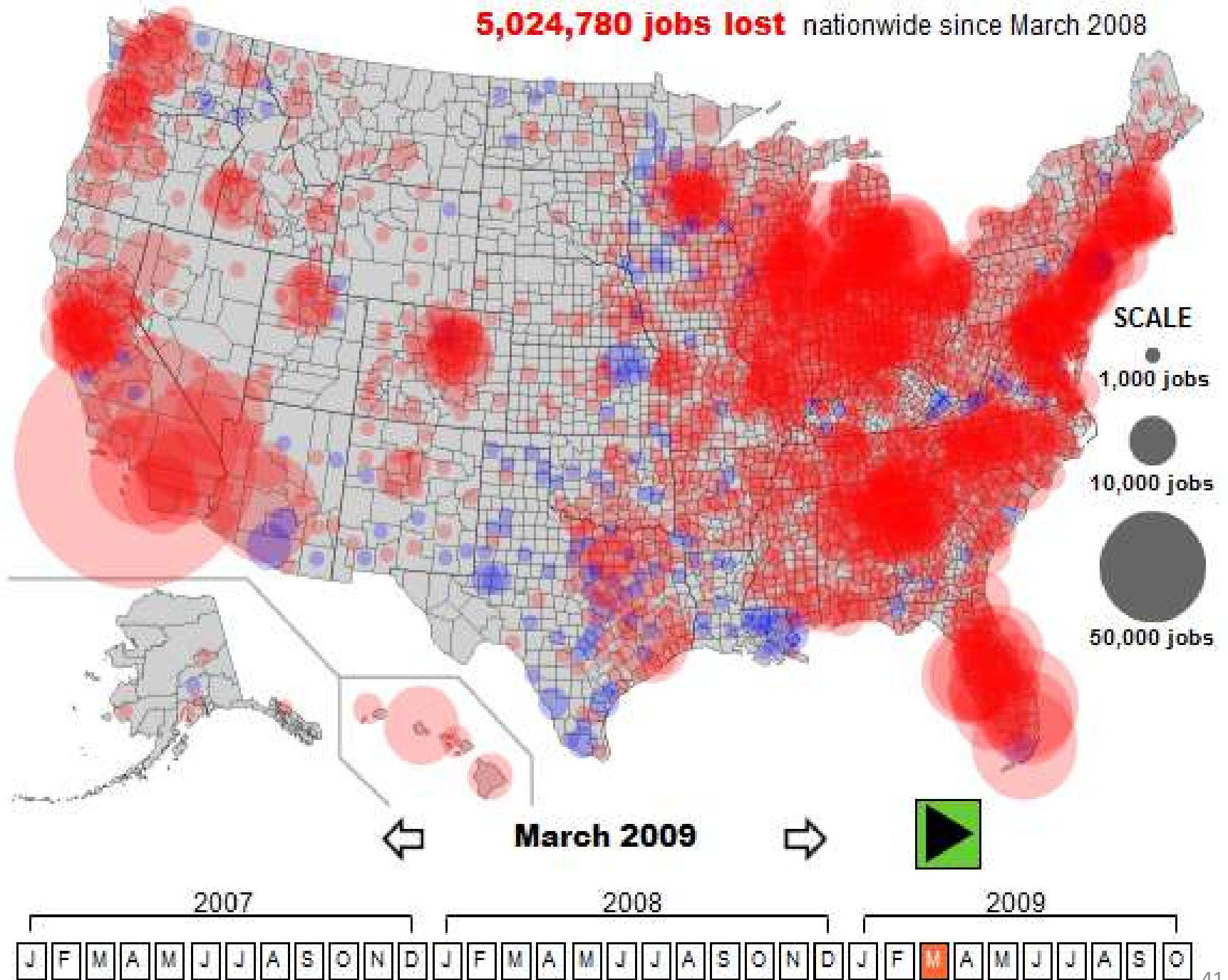
**4,197,371 jobs lost** nationwide since February 2008



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

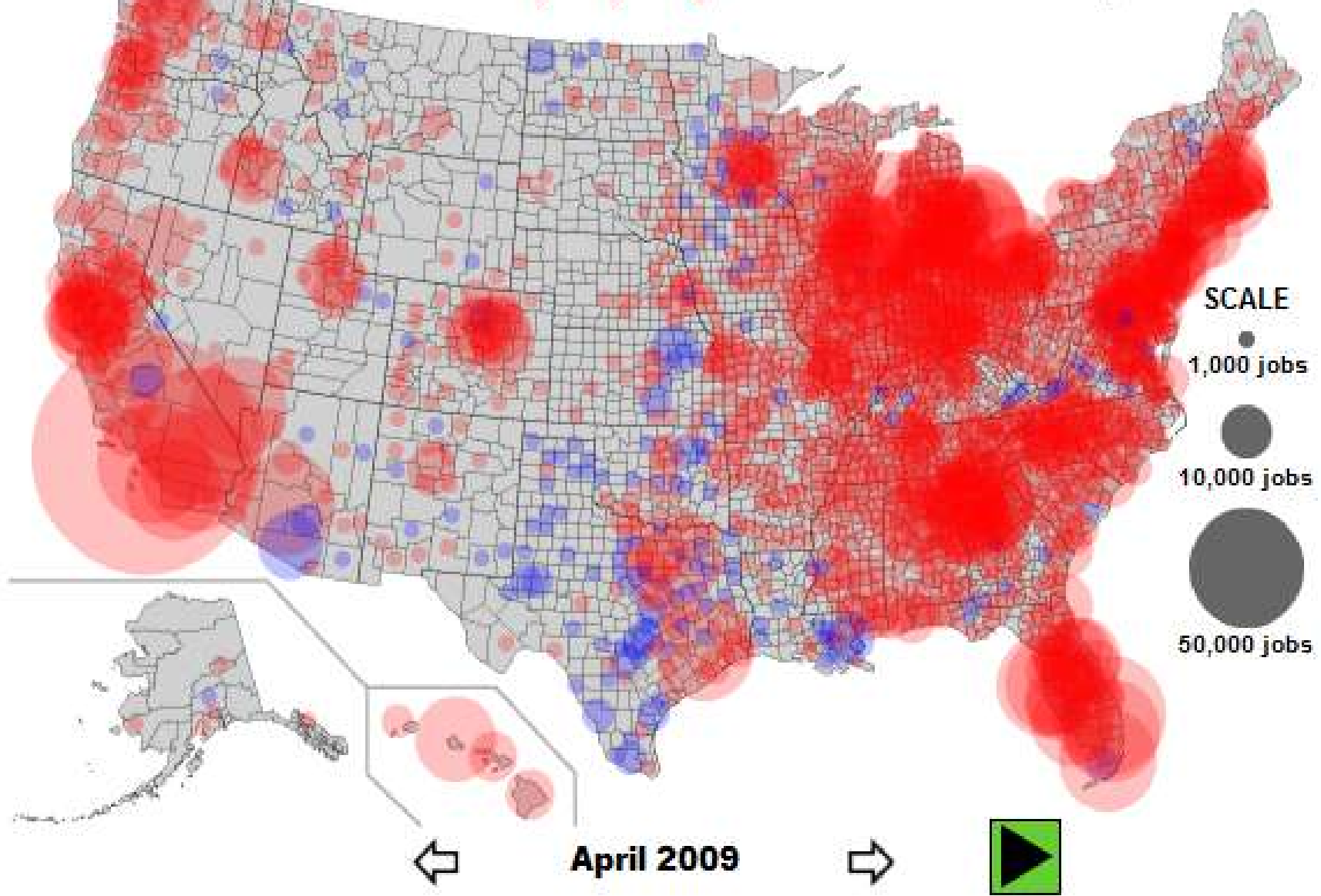


**5,024,780 jobs lost** nationwide since March 2008



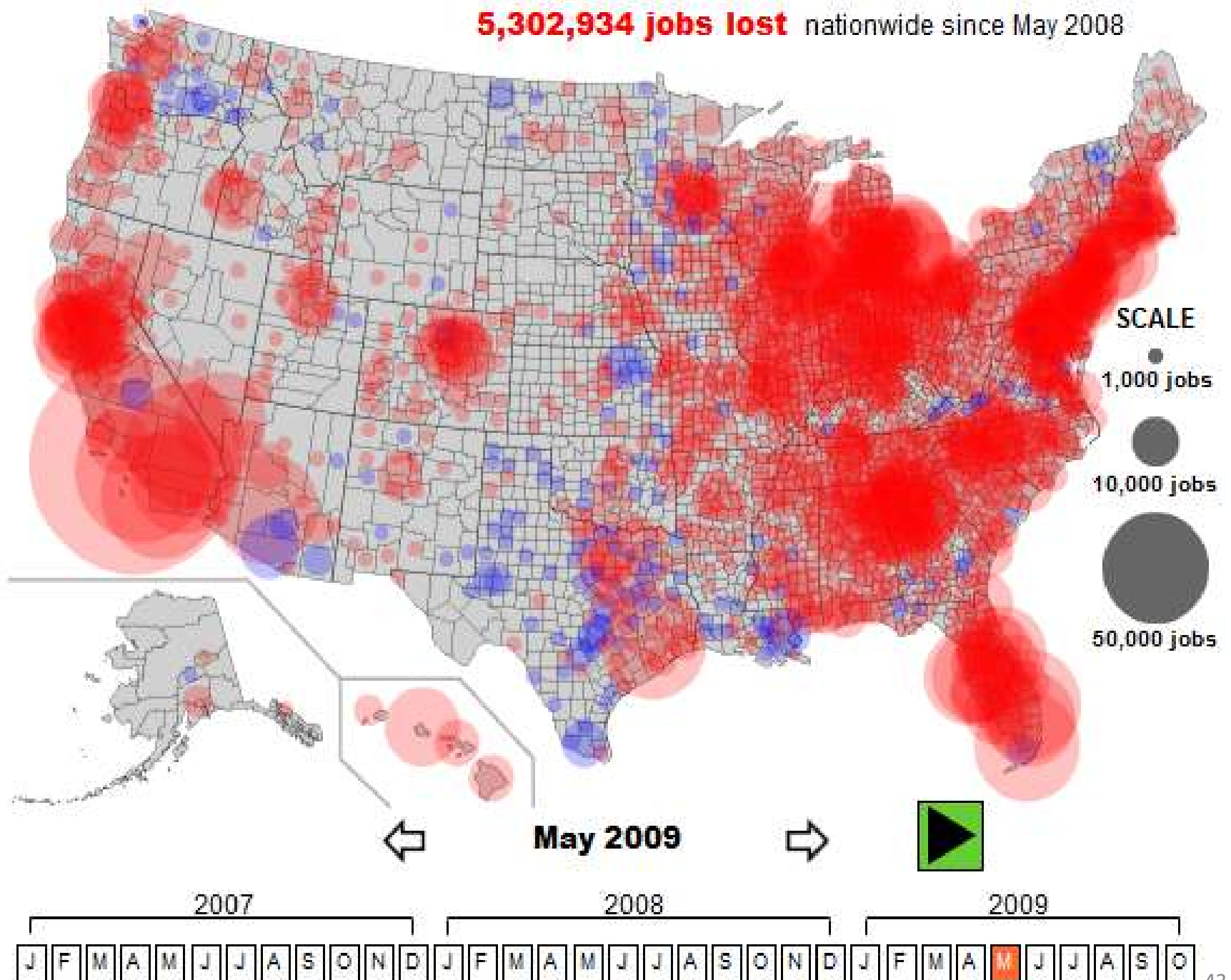
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**5,085,881 jobs lost** nationwide since April 2008



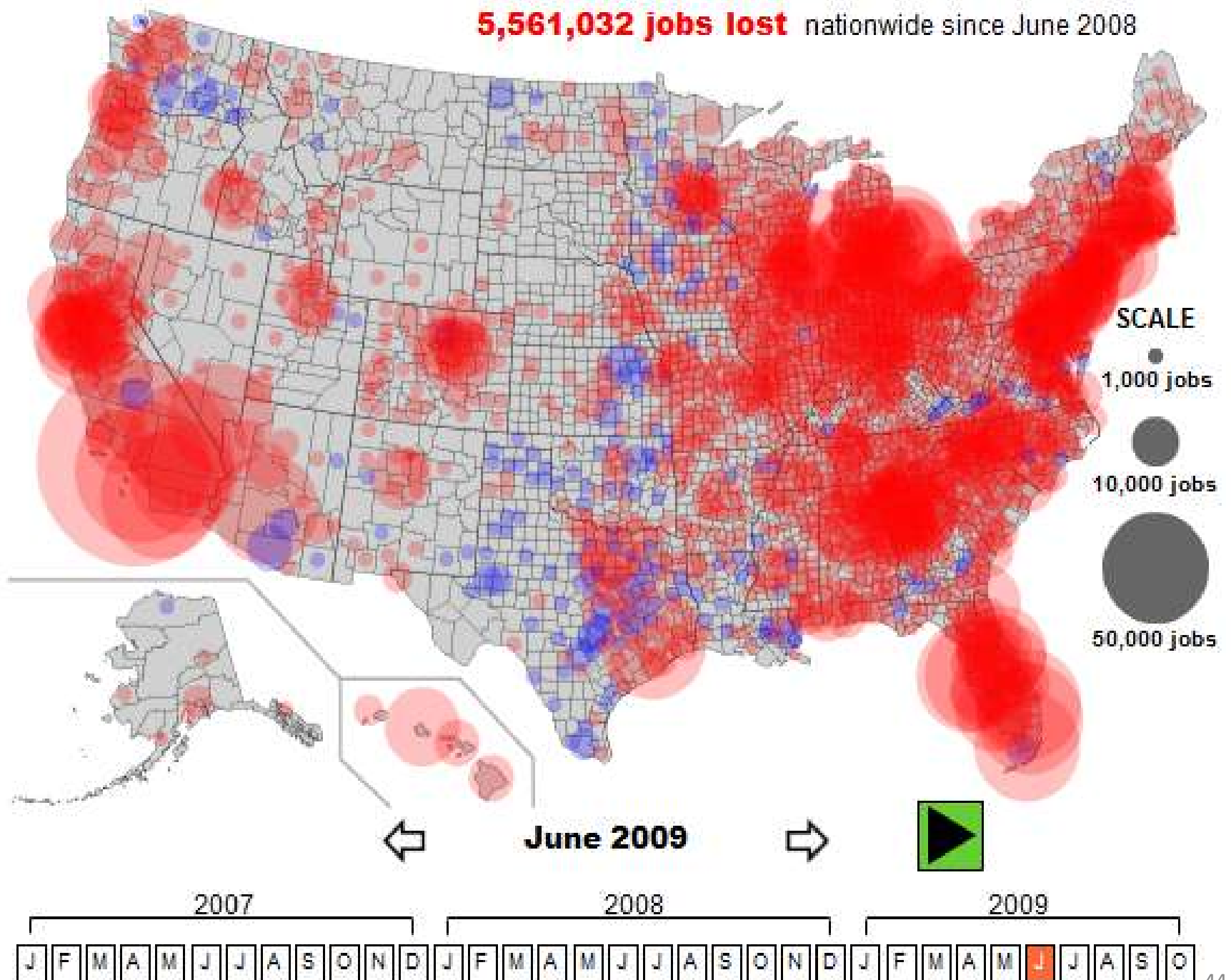
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**5,302,934 jobs lost** nationwide since May 2008



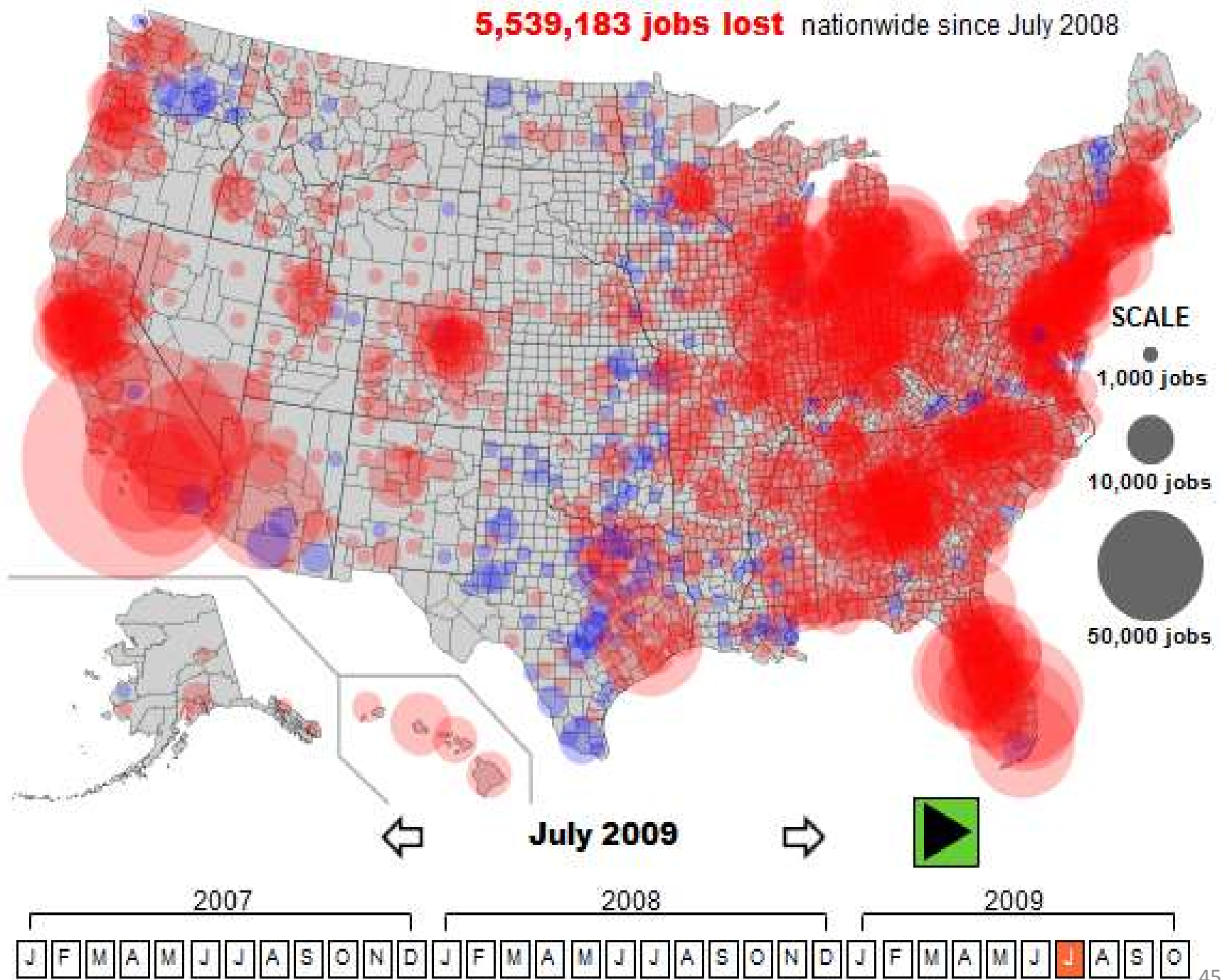
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**5,561,032 jobs lost** nationwide since June 2008



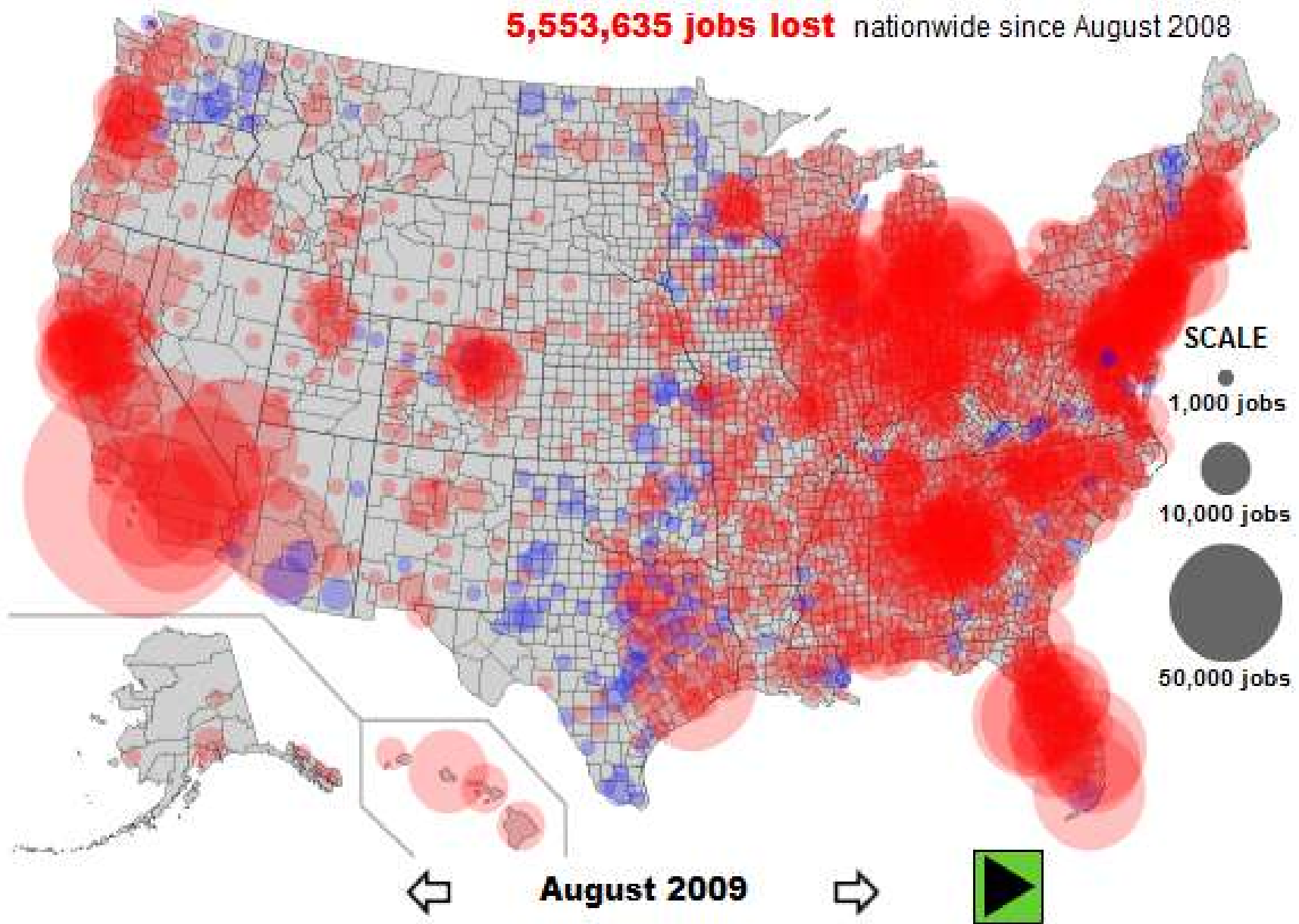
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**5,539,183 jobs lost** nationwide since July 2008



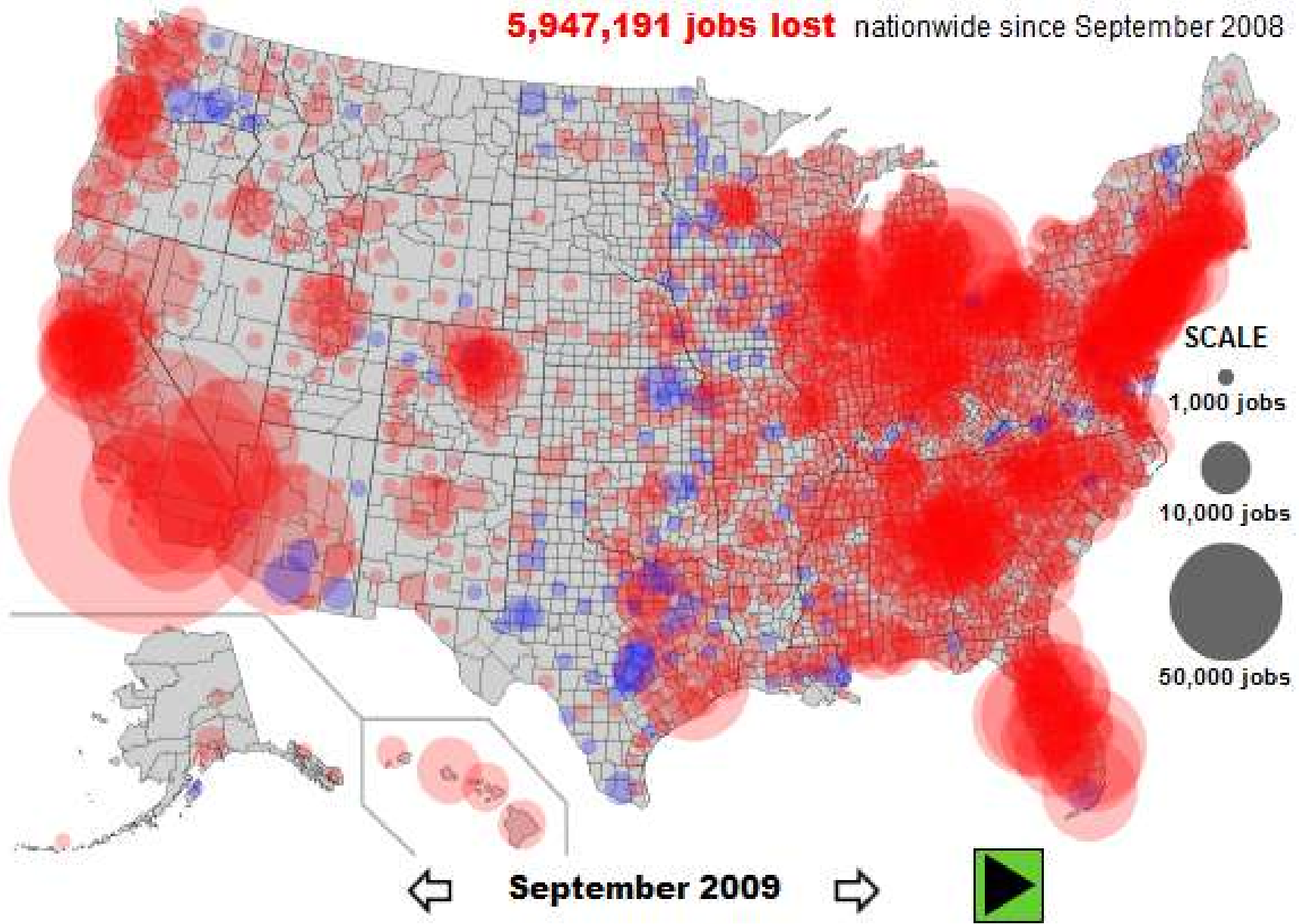
SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**5,553,635 jobs lost** nationwide since August 2008



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics

**5,947,191 jobs lost** nationwide since September 2008



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics



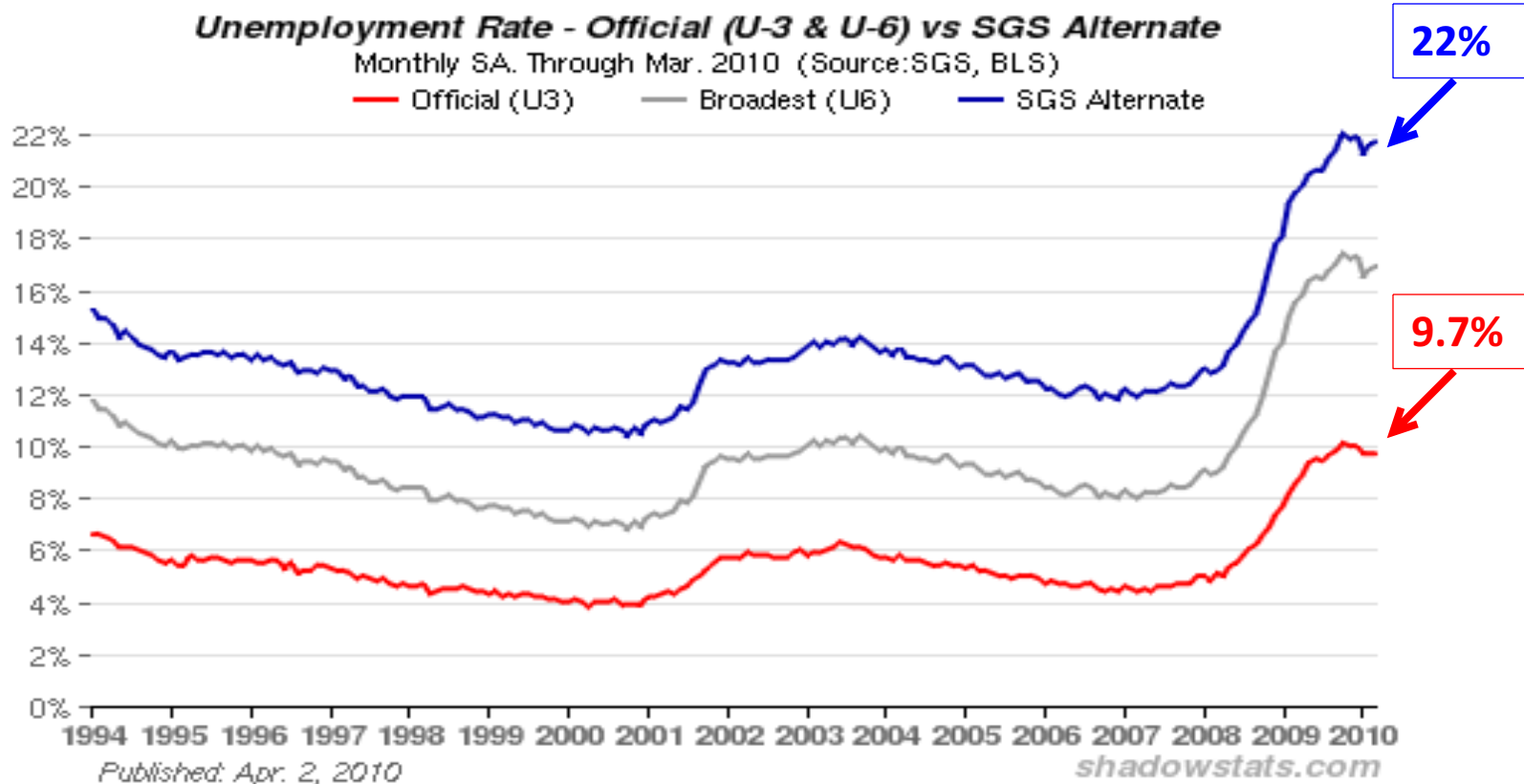
**6,162,836 jobs lost** nationwide since October 2008



SOURCE: Local Area Unemployment Statistics from the Bureau of Labor Statistics



The SGS Alternate Unemployment Rate reflects current unemployment reporting methodology adjusted for SGS-estimated long-term discouraged workers, who were defined out of official existence in 1994. That estimate is added to the BLS estimate of U-6 unemployment, which includes short-term discouraged workers.



We offer an exposé of the problems within the reporting system, and an assessment of underlying economic reality, through two basic services:

***The Shadow Government Statistics Newsletter*** ([Archives](#), [Subscriptions](#)), and ***Specialized economic consulting services*** including customized forecasts and analyses of the general economy, as well as for specific industry, product or company results. ([contact us to discuss your needs](#));

# Kids less likely to graduate than parents

## Education Trust:

“Your child is less likely to graduate **from high school** than you were.”



# *A Nation at Risk (1983)*

- Our once unchallenged preeminence in commerce, industry, science, and technological innovation is being overtaken by competitors throughout the world.
- If an unfriendly foreign power had attempted to impose on America the mediocre educational performance that exists today, we might well have viewed it as an act of war.
- As it stands, we have allowed this to happen to ourselves. We have even squandered the gains in student achievement made in the wake of the Sputnik challenge.

**American higher education has become what, in the business world would be called a mature enterprise: increasingly risk-averse, at times self-satisfied, and unduly expensive.**

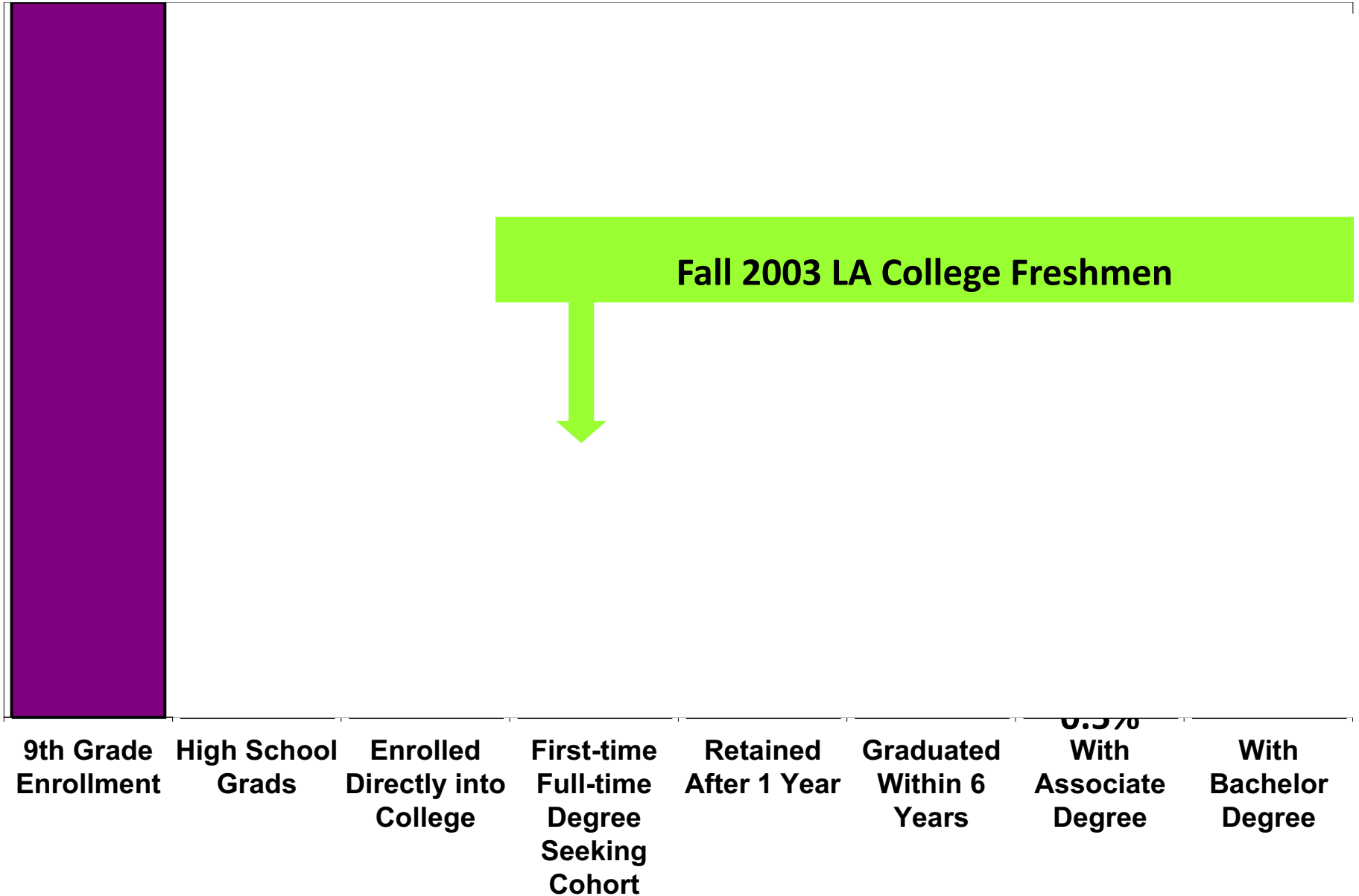
~ A Test of Leadership (Spellings' Commission Report, 2006)



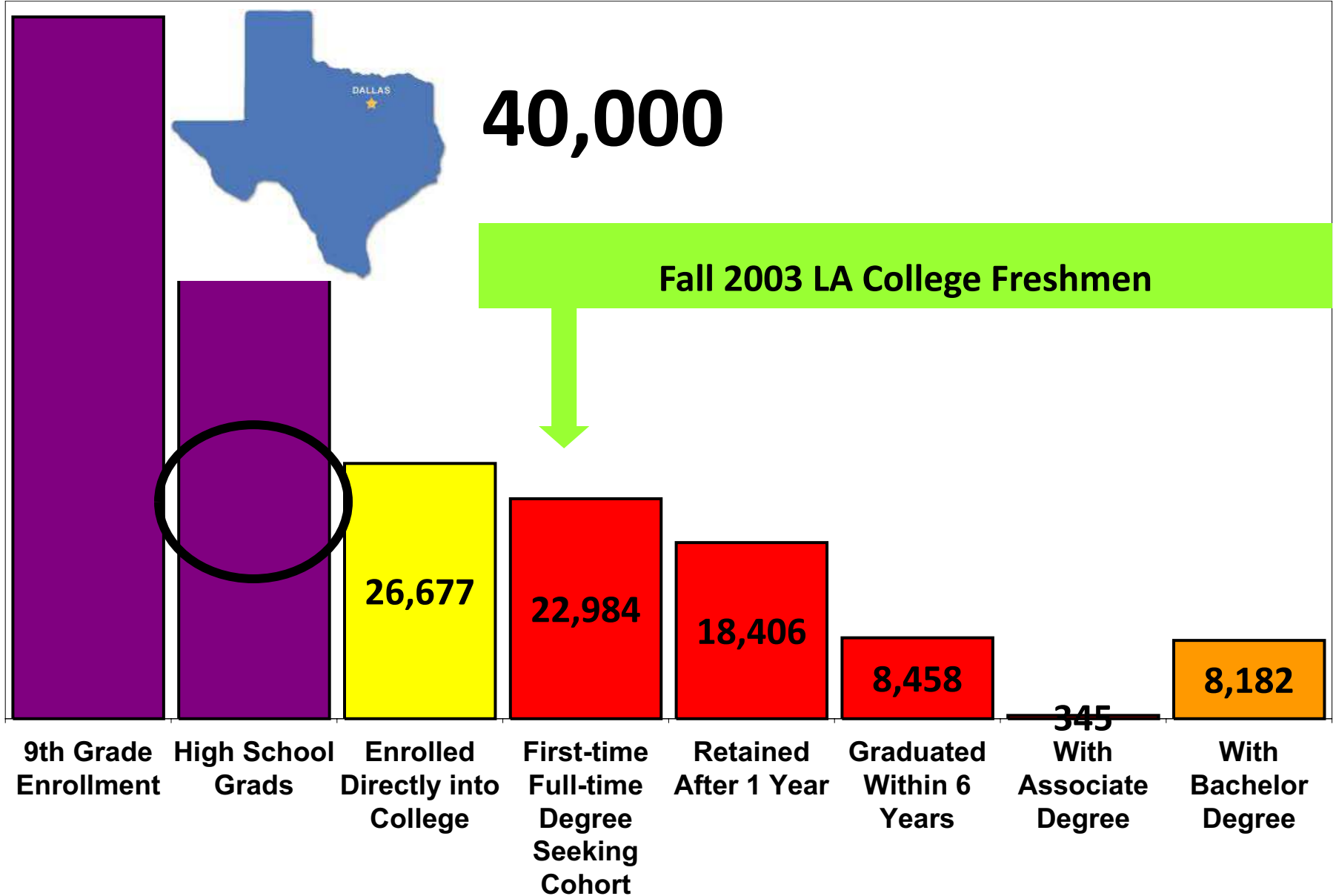


# Strengthening the Education Pipeline

# 98-99 Louisiana 9<sup>th</sup> Grader's Progression into High School and College (percent)



# 98-99 Louisiana 9<sup>th</sup> Grader's Progression into High School and College (number)



**One in three public school kindergarten students fails to reach the fourth grade on time, state Superintendent of Education Paul Pastorek said Wednesday.**

**“Take three kindergarteners, little kids, five years old,” George Noell, a top official of the department, said after the meeting. “Look to your left, look to your right. One of you is not going to make it to the fourth grade on time.”**



# Catching Up

- Will Louisiana seek to participate in the modern-global-technological society?
- What can be done? What is possible? What are the issues?
- **What is the solution?**

**What role will higher education play?  
How will higher education get involved?**

**“Close to Customer and Speed to Market”**

**Ed Barlow, Futurist**

# Time and Place

**Nearly all economic growth and prosperity for individuals, families, cities, states, and the country is now driven by college educated workers.**

**Those individuals, families, cities, states and –increasingly—countries with the most education are prospering, while those with the least higher education are experiencing relative and often absolute economic decline.**



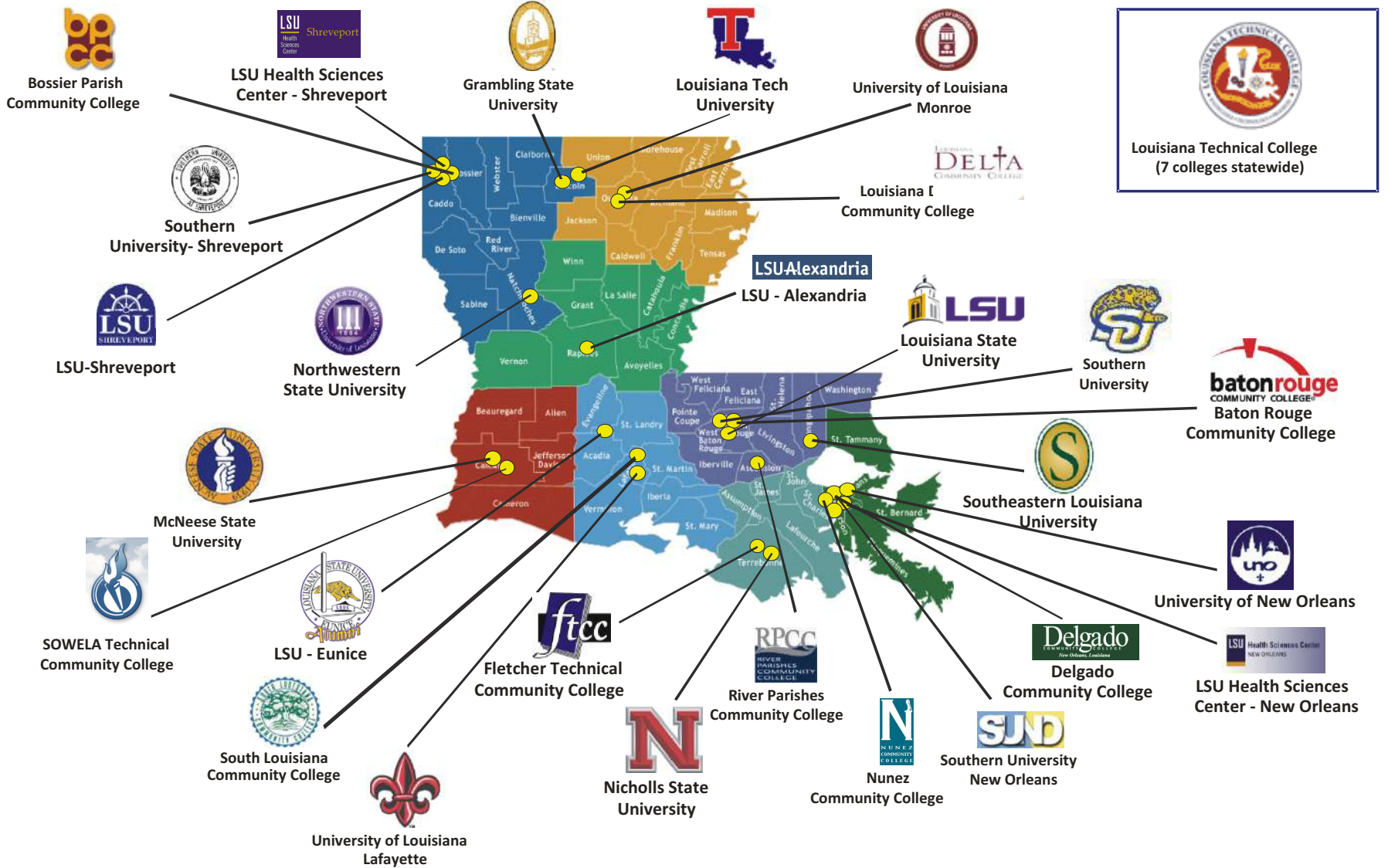
**75%**

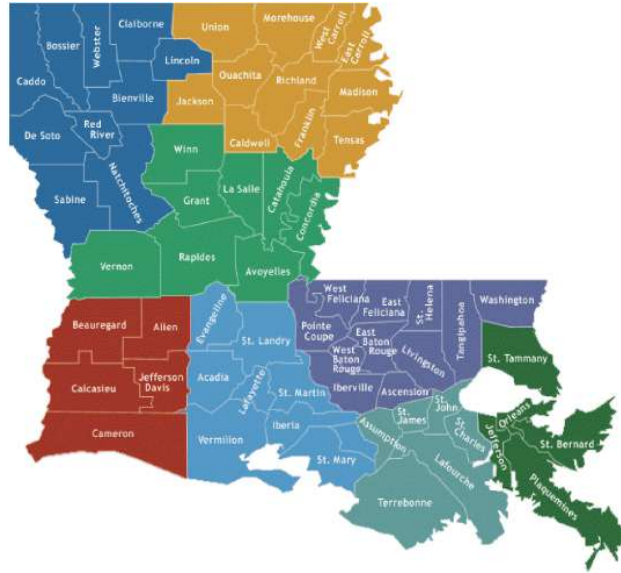
**Recommendations for higher education:**

**1. Work with your local k-12 schools**



# Louisiana's Public Colleges and Universities



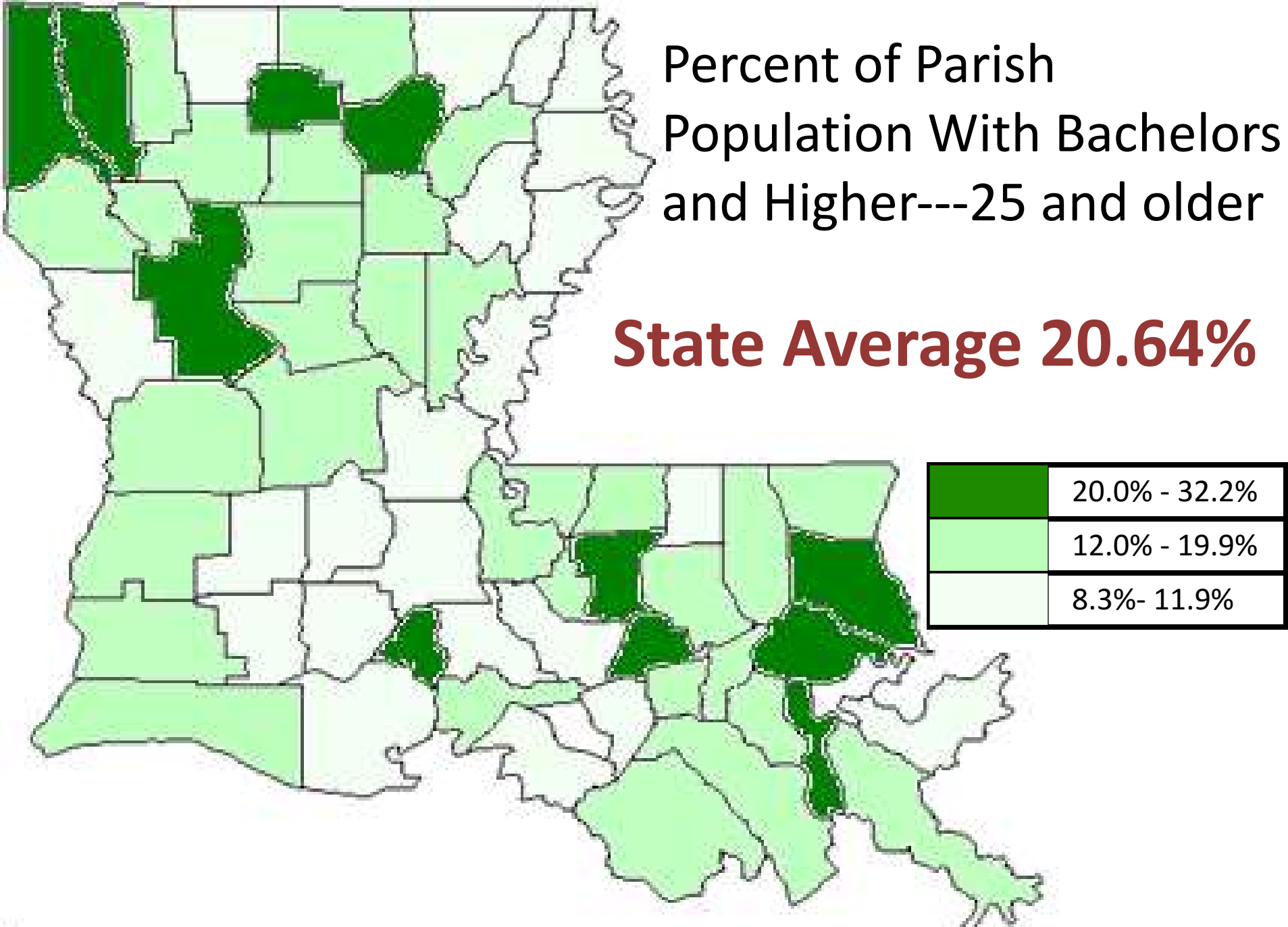


## Recommendations for higher education:

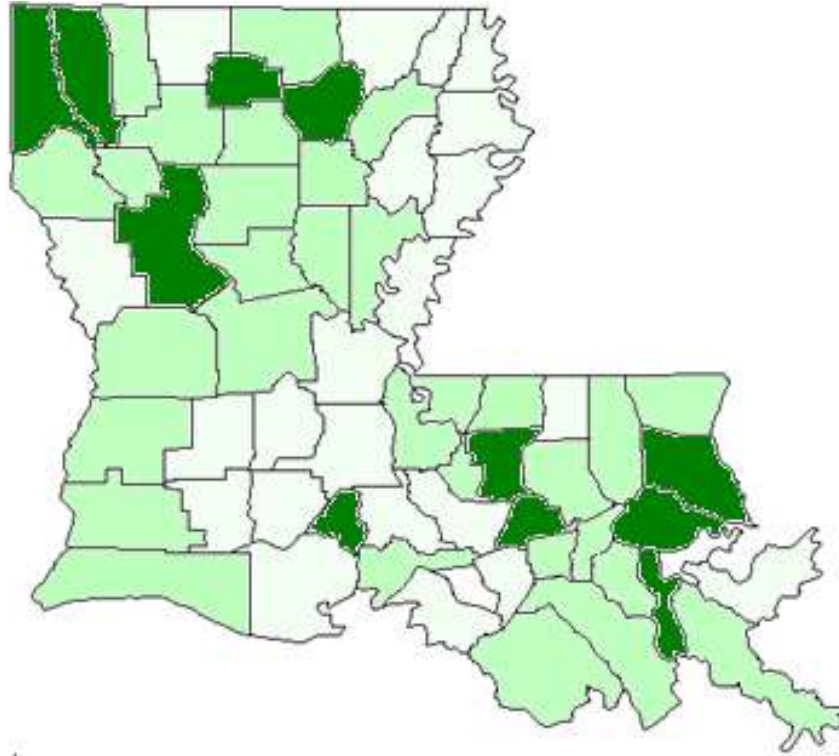
2. Work with your local businesses to define and build a work ready community
3. Invest strategically in research

# Percent of Parish Population With Bachelors and Higher---25 and older

**State Average 20.64%**



20.0% - 32.2%
12.0% - 19.9%
8.3%- 11.9%



## **Recommendations for higher education:**

- 4. Be stewards of your community**
- 5. Engage your community in building its future**



# Oklahoma



# Arkansas

- **El Dorado Promise** provides up to five years of funds for undergraduate post-secondary education for students entering college immediately following high school
  - paid based on length of attendance in the El Dorado Public School District.



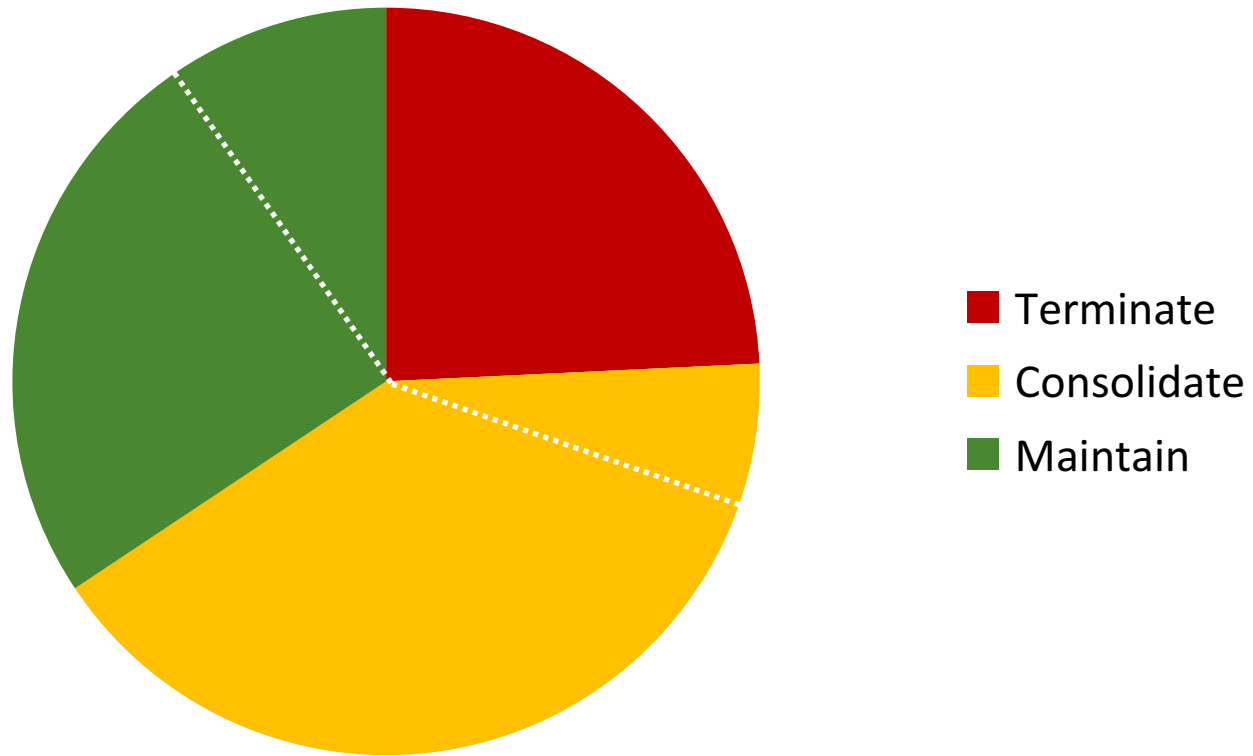
- **Arkadelphia Promise**
  - pays the difference between what the Arkansas Academic Challenge Scholarship pays toward college and mandatory tuition and fees at public Arkansas colleges and universities
- **Great River Promise**
  - The Great River Promise provides gap scholarship funding for graduates of high schools in Phillips County to attend Phillips Community College of the University of Arkansas (PCCUA).



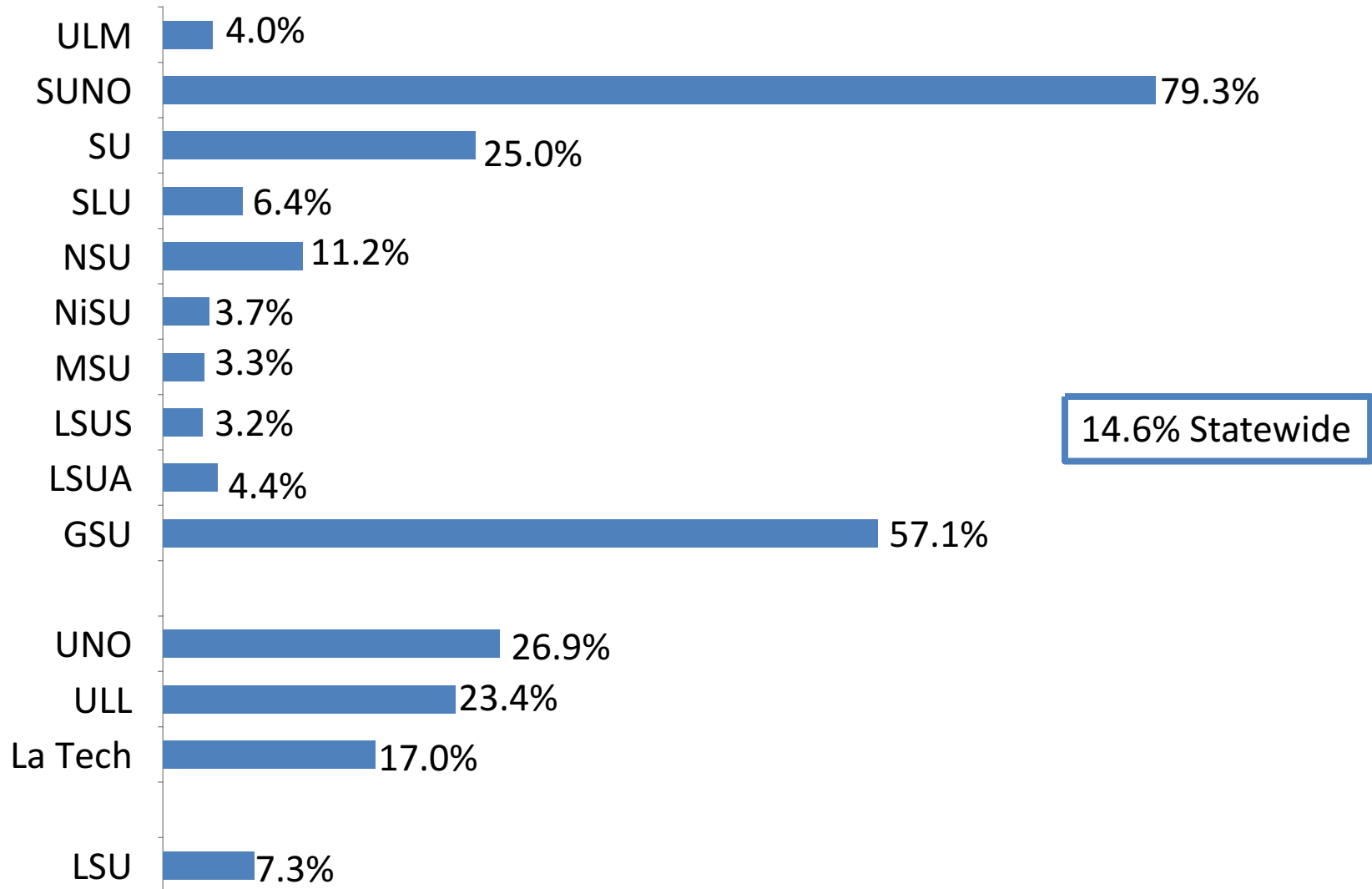


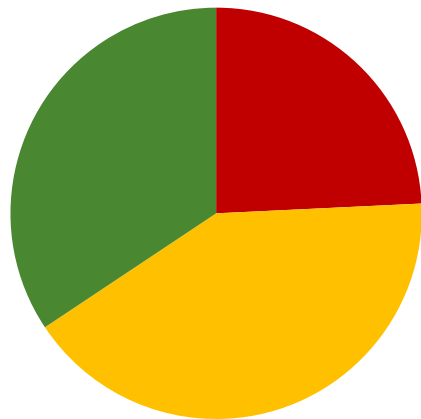
# Academic Program Review

**456 programs reviewed for low productivity**

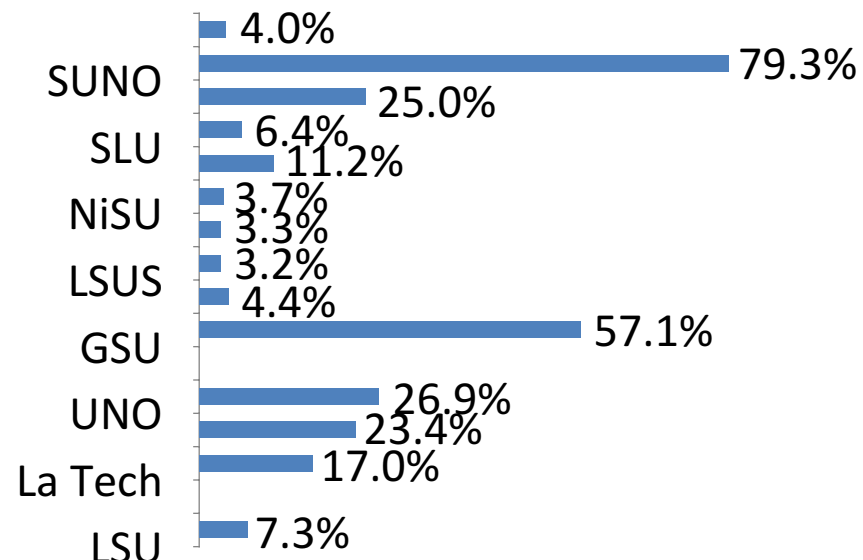


# Projected Impact of 2012 Admission Standards on 2009 First Time Freshmen, *including Exceptions*





■ Terminate  
■ Consolidate  
■ Maintain

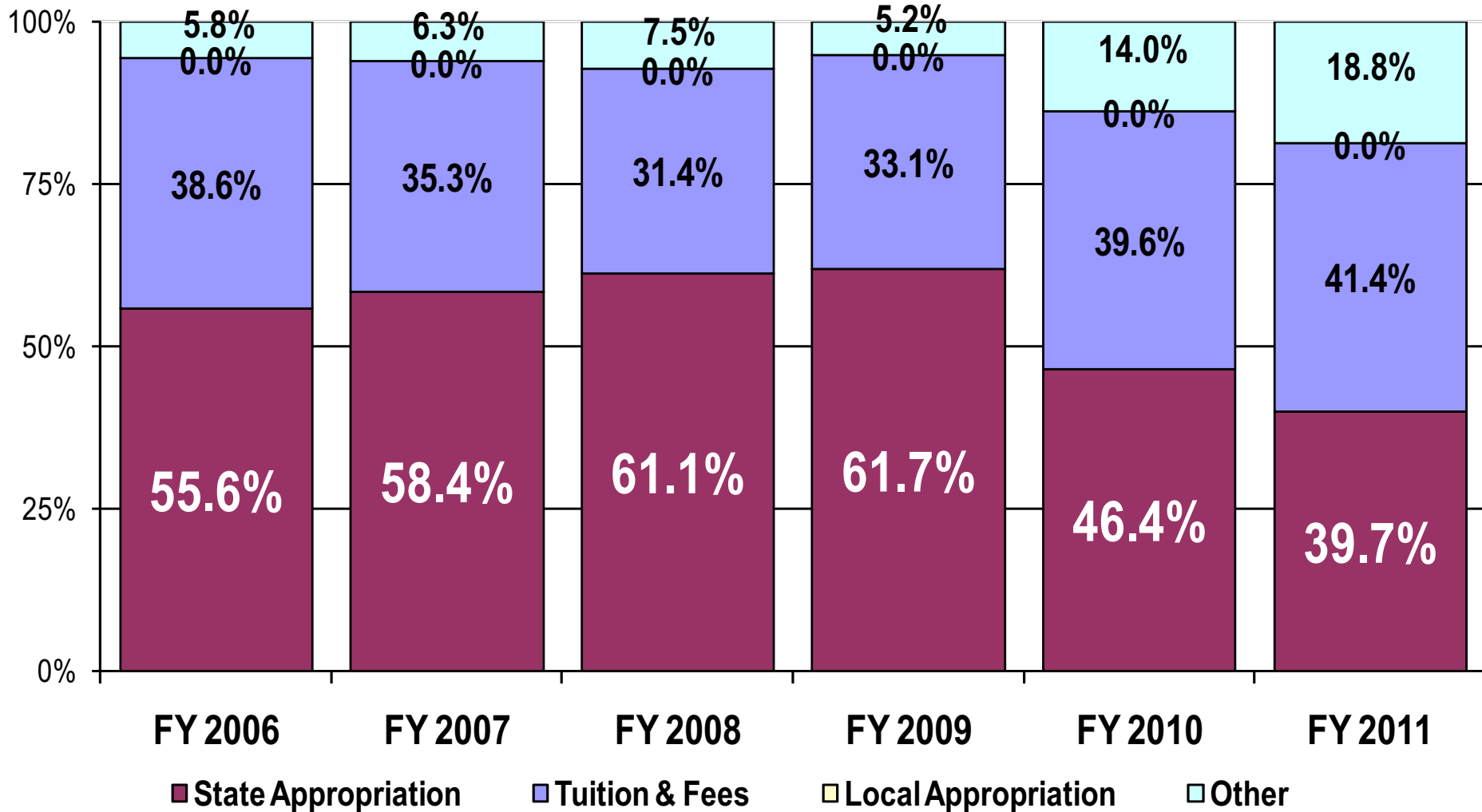


## Recommendations for higher education:

6. Be stewards of your fields of study and professions
7. Accept selectivity and affiliate with your regional colleges and universities



# Unrestricted Educational & General Budget Sources of Revenue



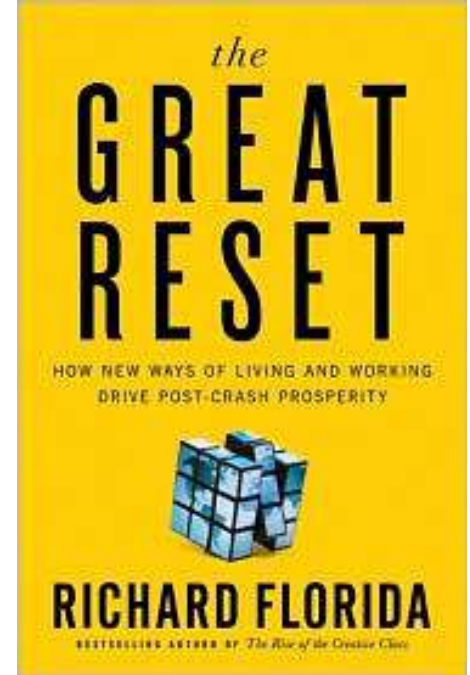
ARRA funds are included in "Other" for FY 2010 and FY 2011.

# **There is good news...**

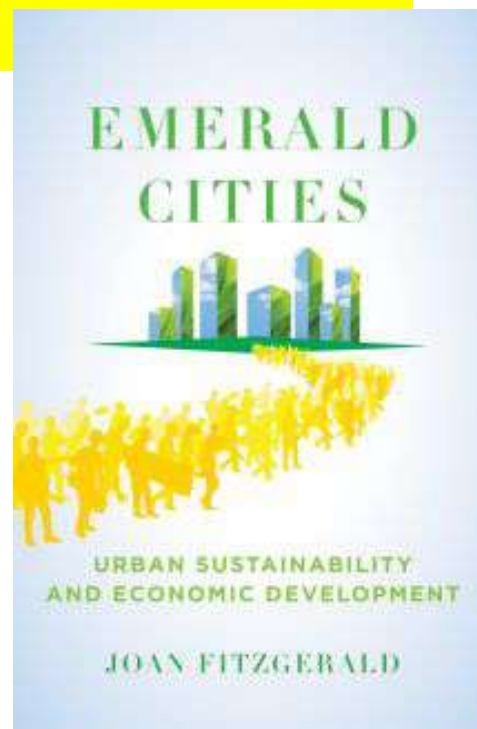
- **Enrollment has increased 22,000 students, or 11 percent since 2008.**
- **Degree production is up -- 14% since 2008.**



**For people and communities to thrive in the new economy they will need to have access to a good college and good health care.**



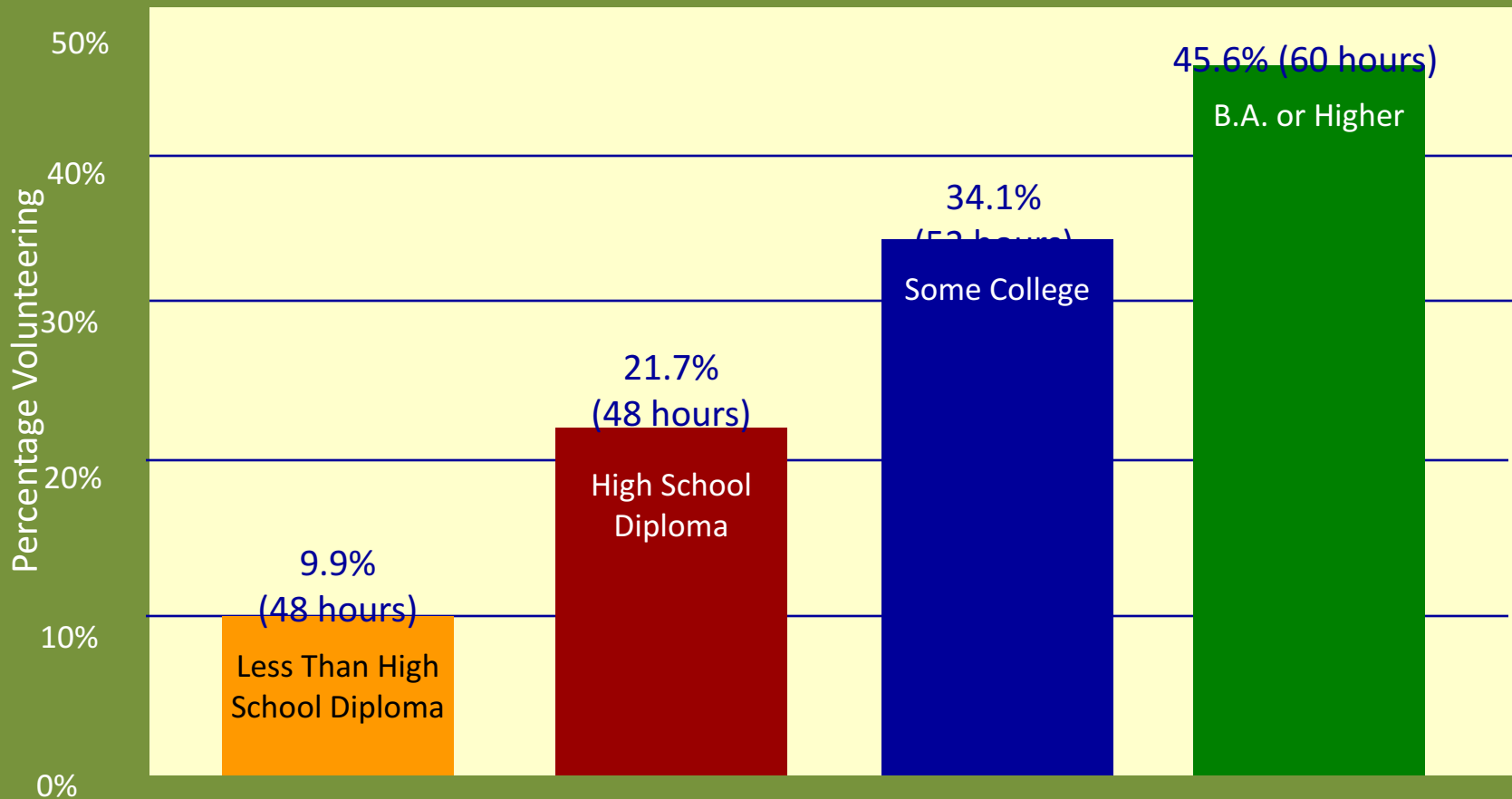
**“The man behind the curtain.”**





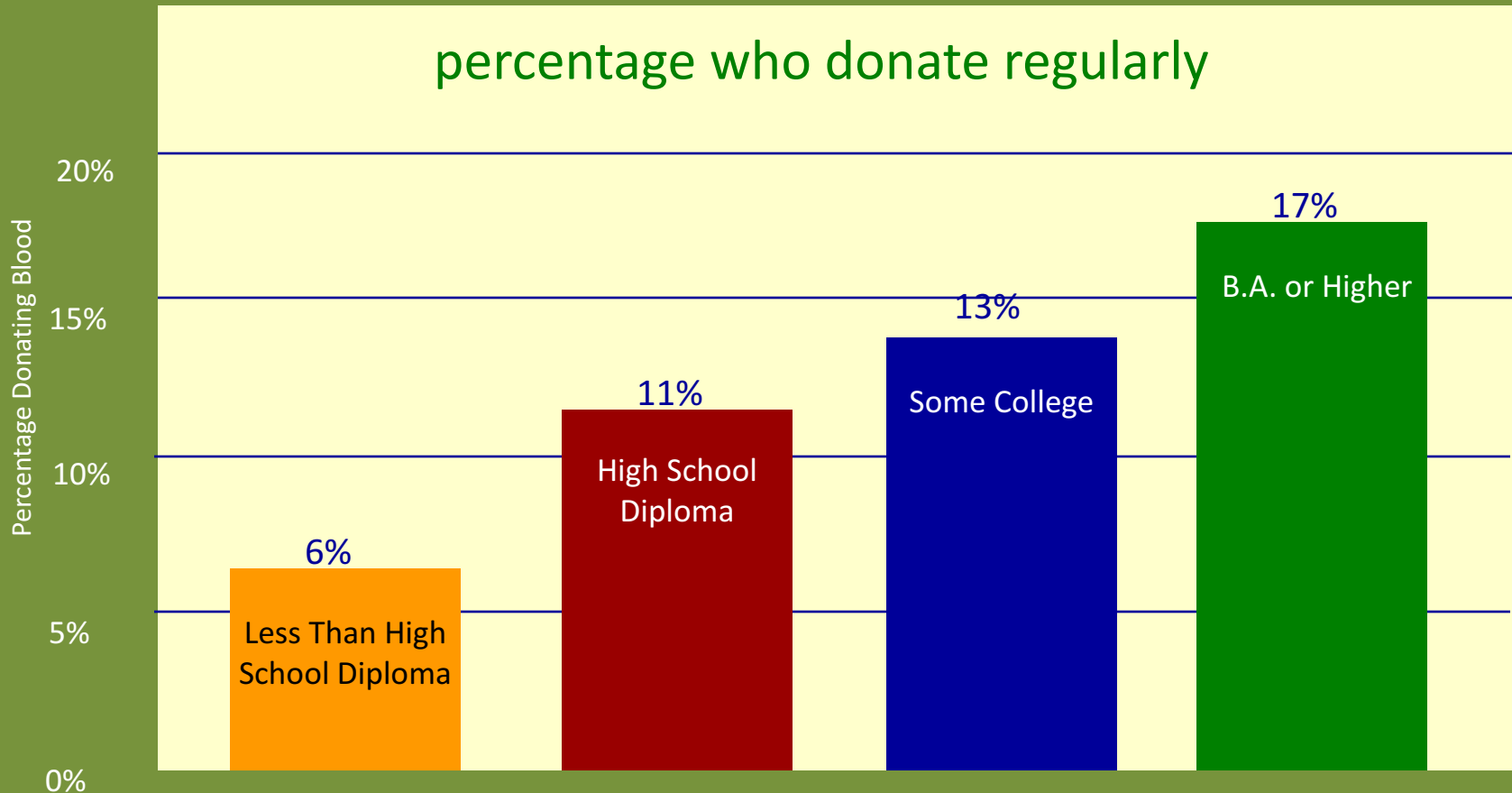
# civic involvement

## volunteer activity by education levels



# civic involvement

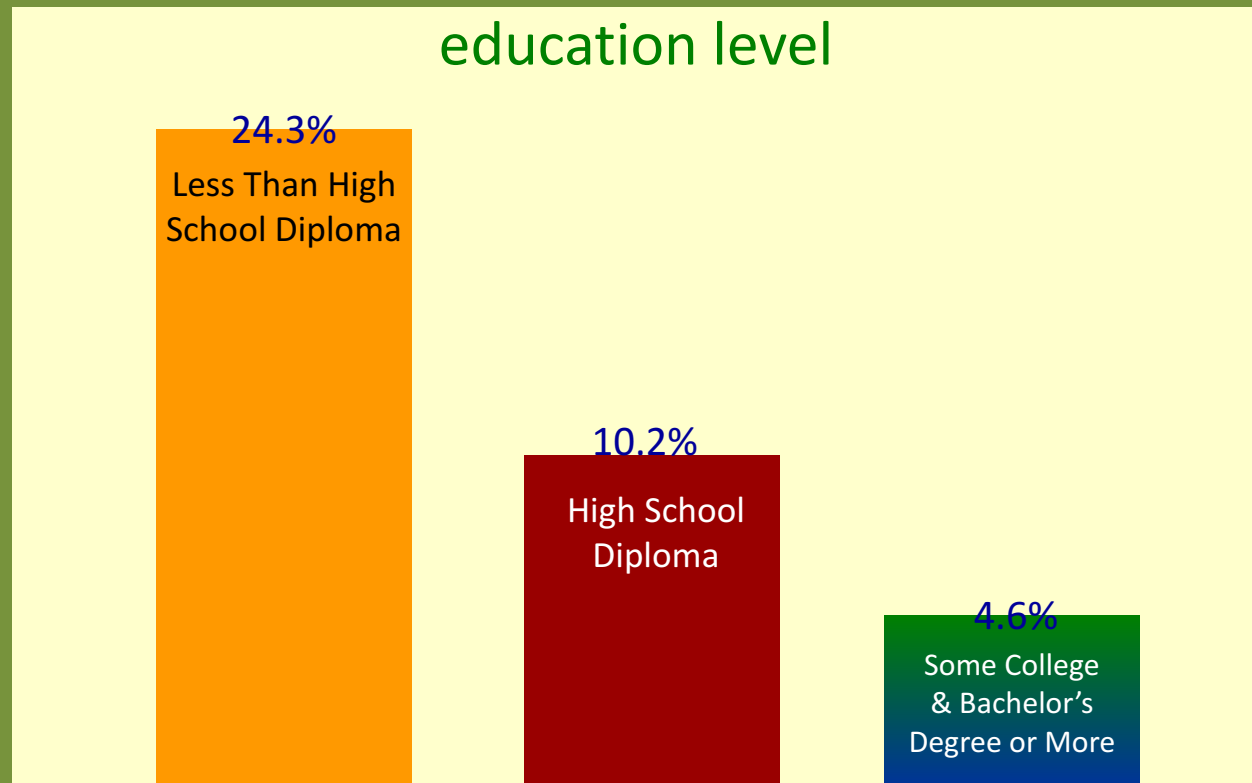
blood donation by  
education level, 1994:



Source: DBD Worldwide. (2000). DBD Lifestyle Survey. Chicago. Available at [www.bowlingalone.com](http://www.bowlingalone.com)

# government

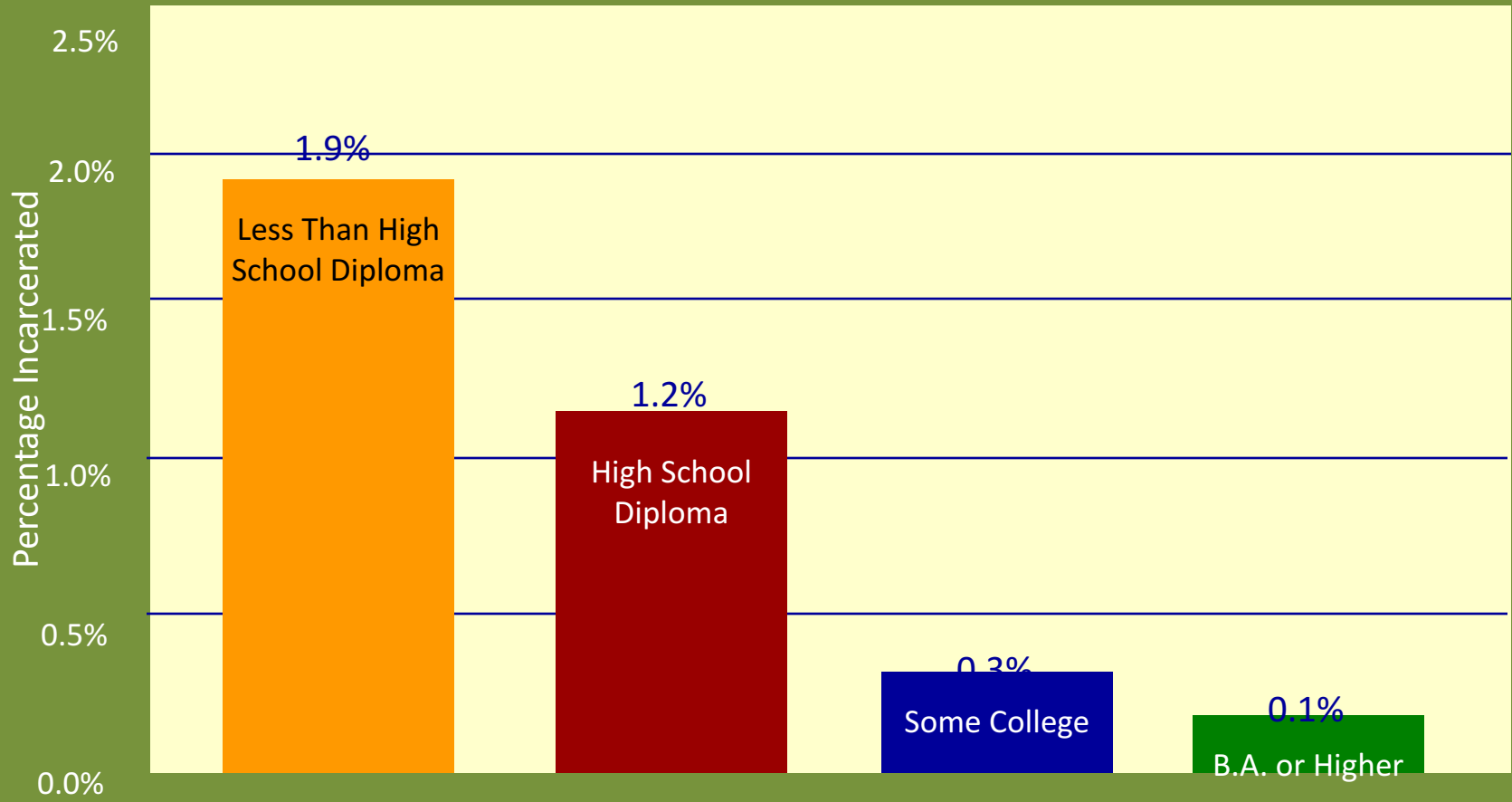
## participation assistance programs



Ever Participated in Assistance Programs

# government

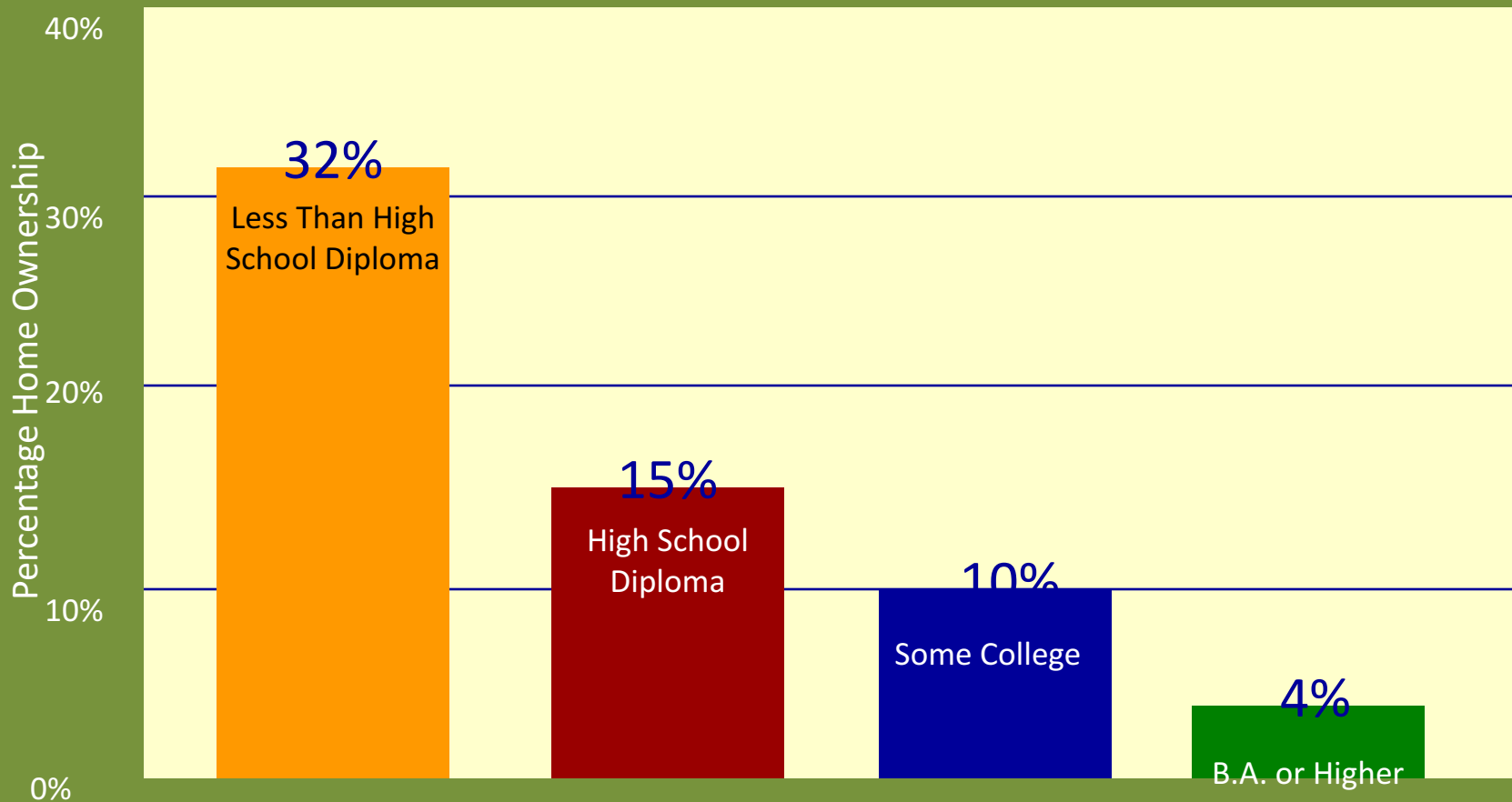
## incarceration rates by education levels



Source: Harlow, C.W. (2003). *Education and Correctional Populations*. Bureau of Justice Statistics, Department of Justice. NCJ195670.

# economic

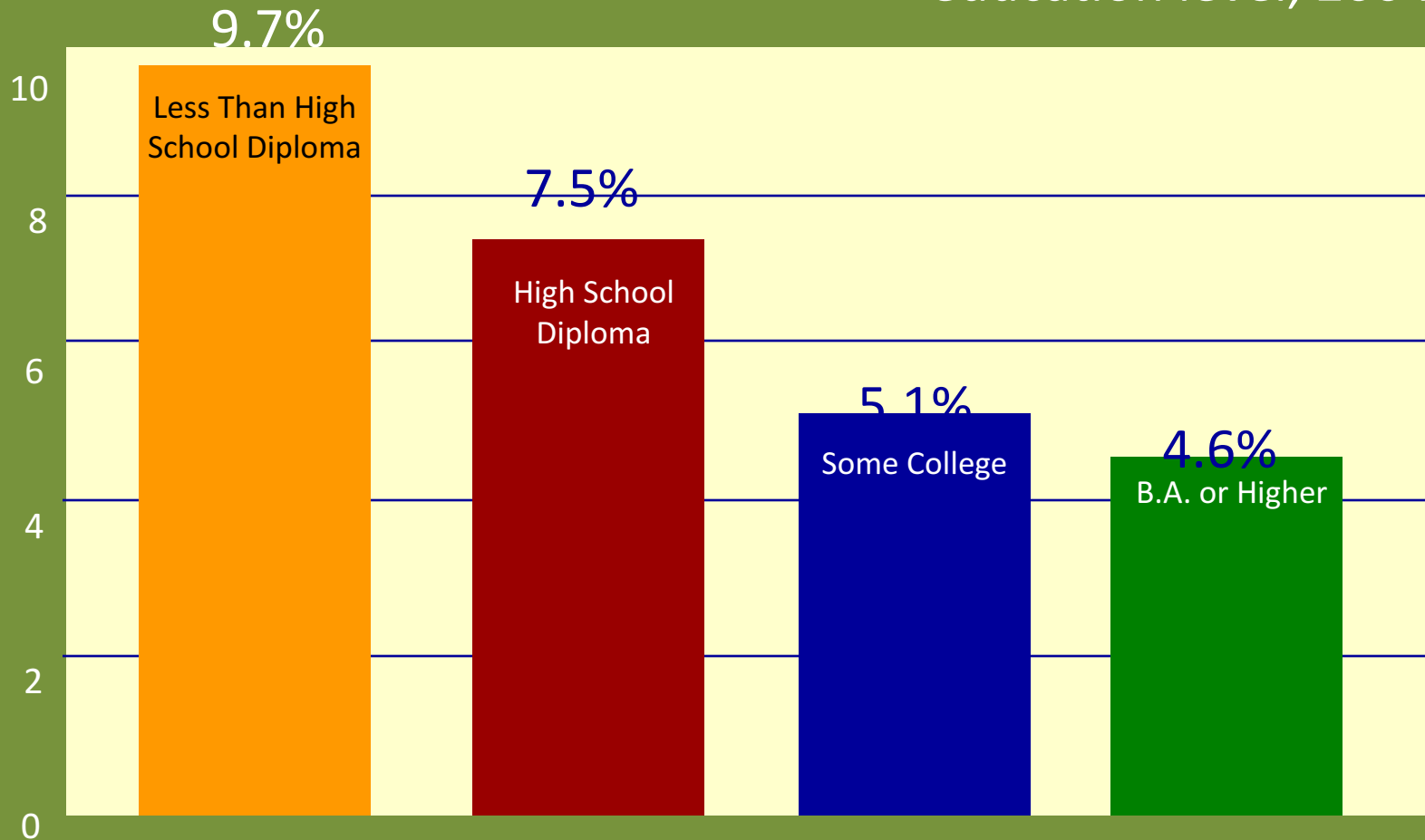
## Percent Below Poverty Threshold, 2004





# economic

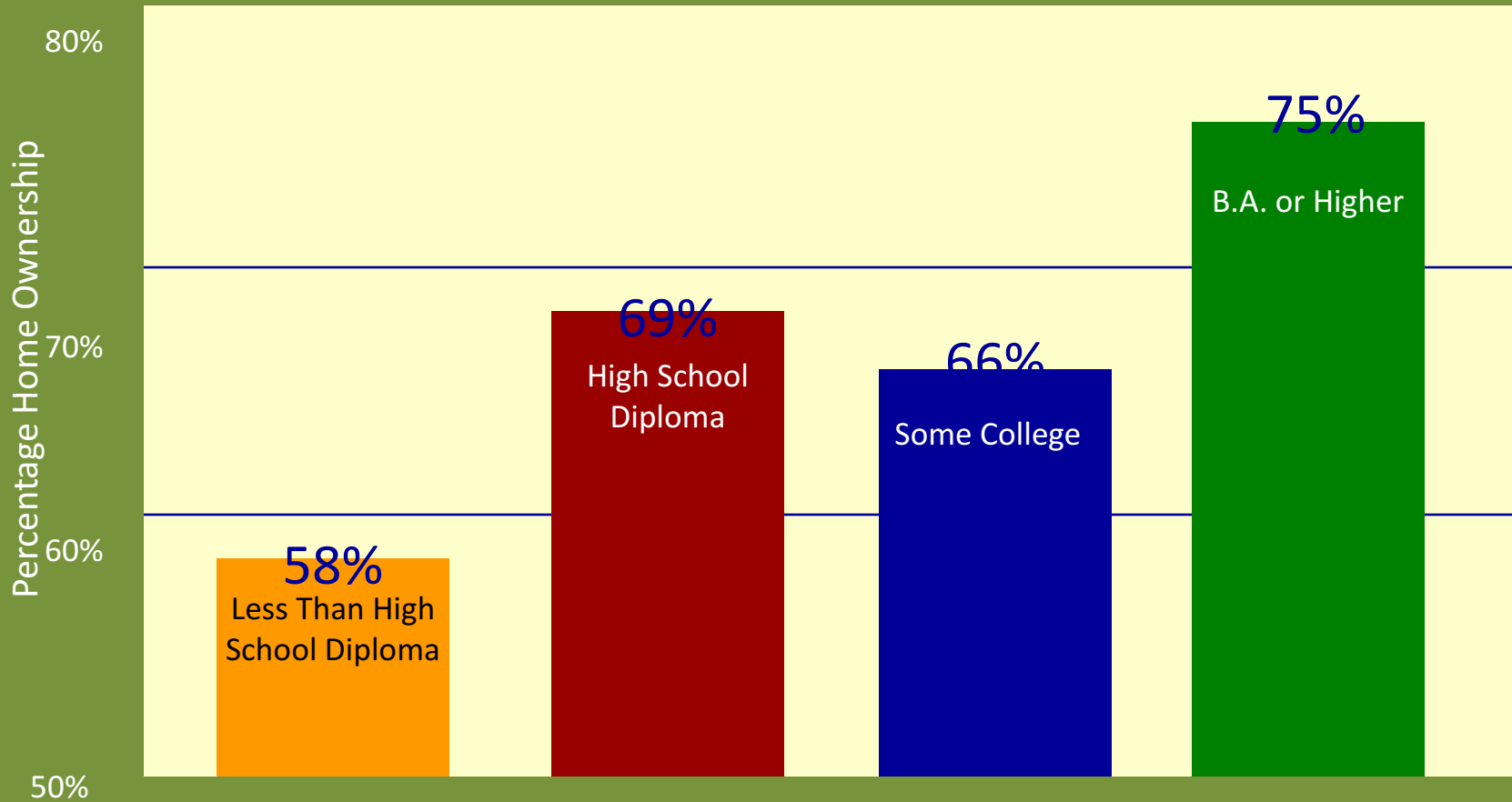
unemployment rates and  
education level, 2004



Source: *Employment Policy Institute*

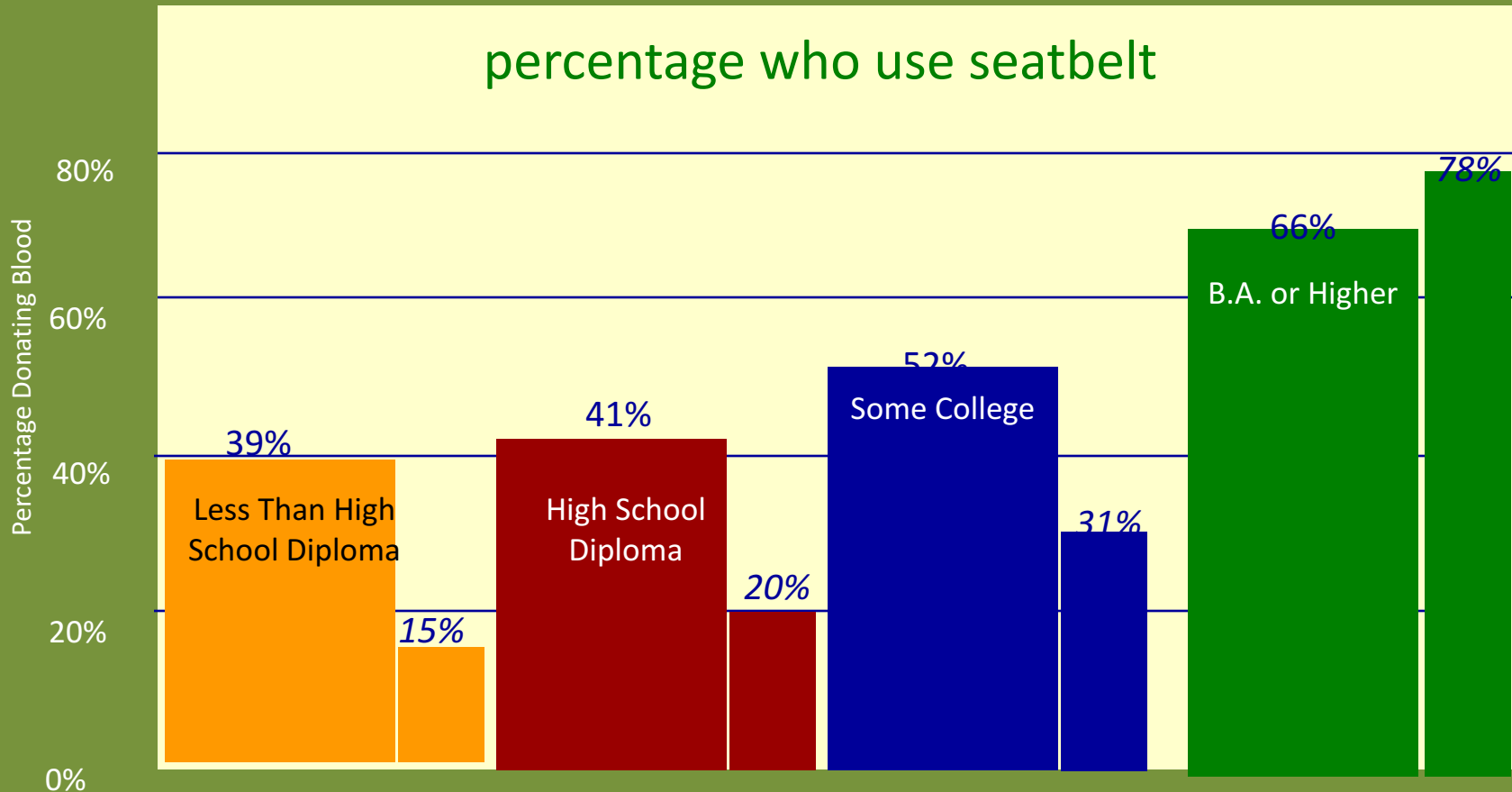
# Quality of Life

## Home Ownership



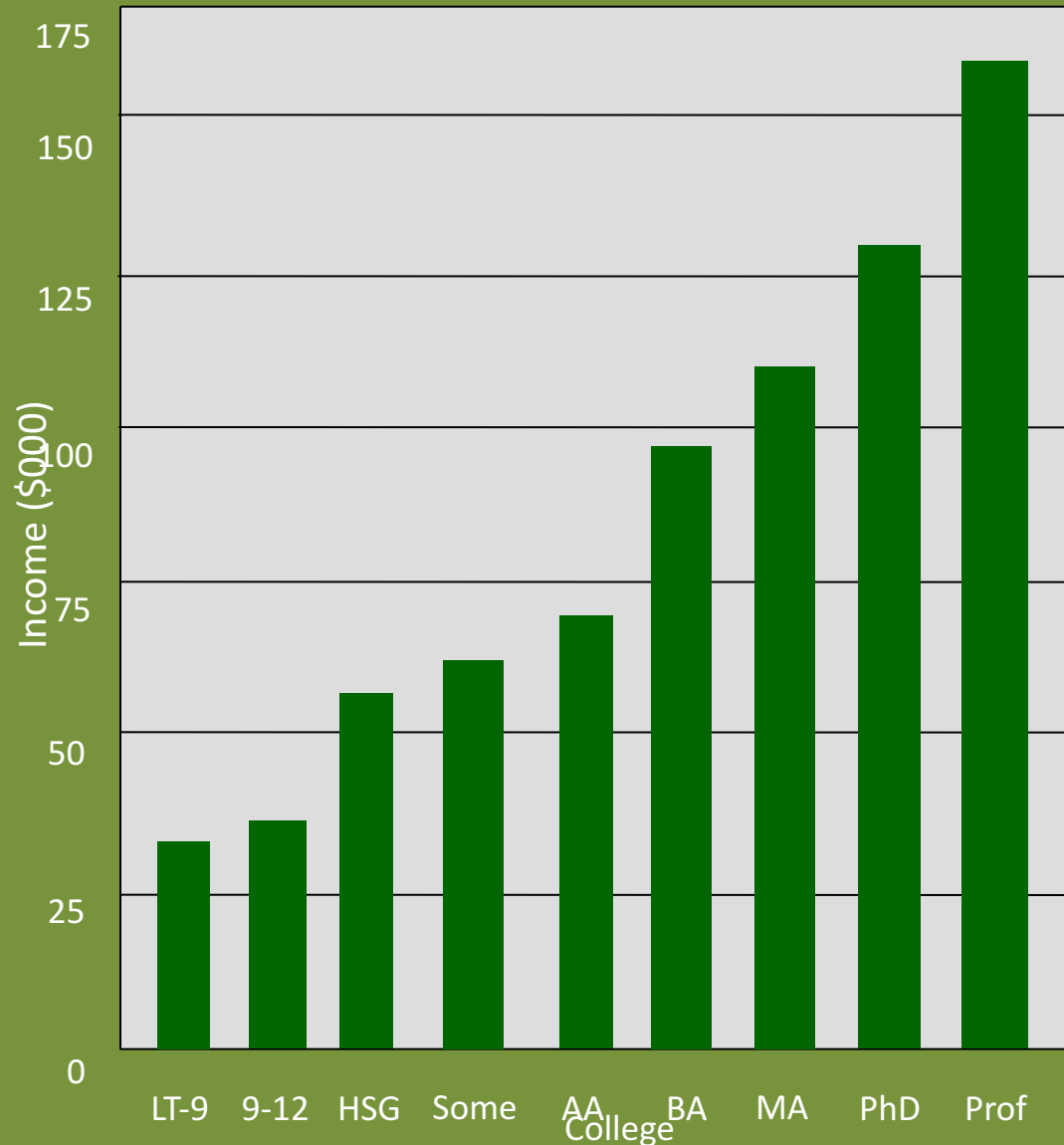
# Safety

## Seatbelt Use while intoxicated, 1990



# economic

## Average family income by educational attainment, 2003

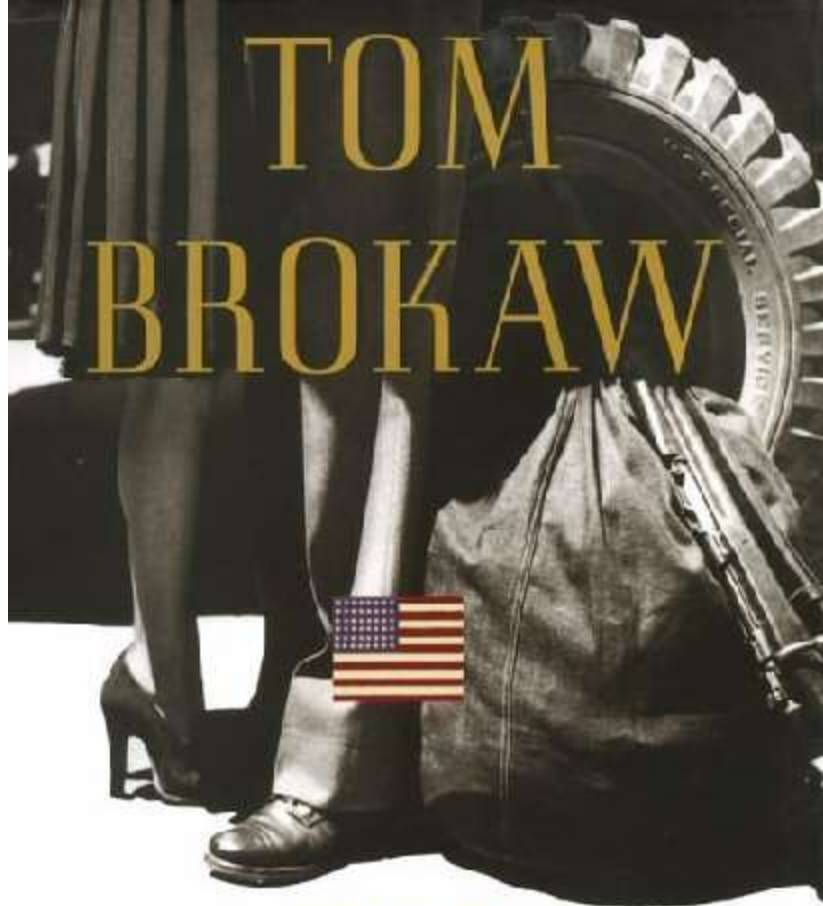


Source: *Postsecondary Education Opportunity, 2005*

# economic

## The Impact of Education on Individuals: Lifetime Earnings

Education Level	Estimated Lifetime Earnings	Difference Compared to High School Graduate
Less than 9th grade	\$976,350	-\$478,903
High school dropout	1,150,698	-304,555
High school graduate	1,455,253	0
Some college, no degree	1,725,822	270,569
Associate degree	1,801,373	346,120
Bachelor's degree	\$2,567,174	\$1,111,921
Master's degree	2,963,076	1,507,823
Doctorate	3,982,577	2,527,324
Professional degree	5,254,193	3,798,940



# THE GREATEST GENERATION

At the end of WWII, the U.S made a bold decision to invest in the future of its economy by providing \$1.9 billion annually to the education of returning veterans of the war. This commitment to human capital helped enable the WWII generation to become the “greatest generation.”

**Possibly, Louisiana’s greatest generation is at the schoolhouse door waiting for the opportunity to propel our state into the global economy.**