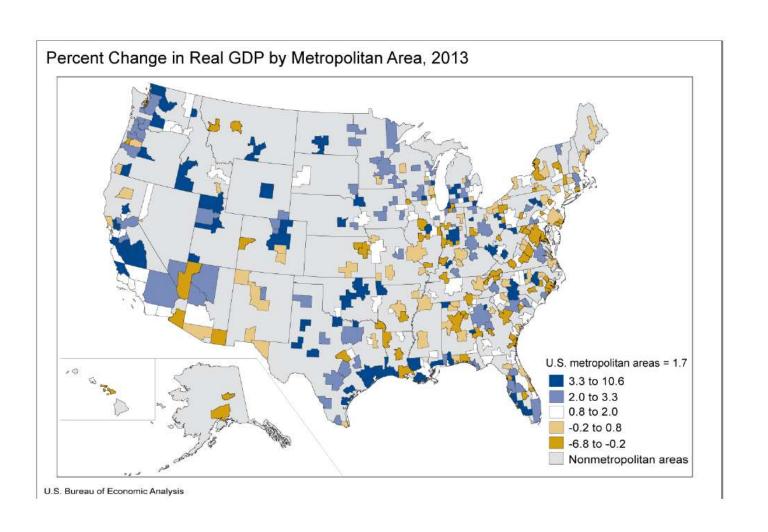
Our Cities as Economic Engines

Dr. Ryan Sougstad (Augustana University)

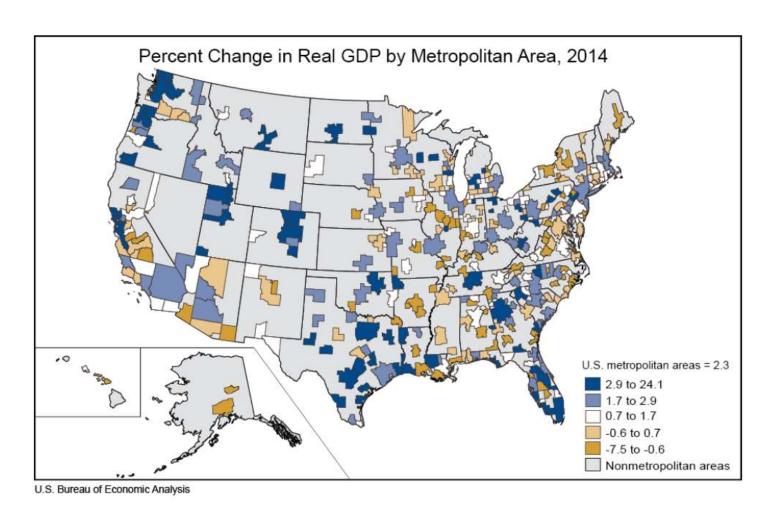
Dr. Eric John Abrahamson (SD Dashboard)

Thursday, October 8, 2015
Focus on the Economy Session
South Dakota Demography Conference

2013 – Strong Metro Growth in Northern Great Plains

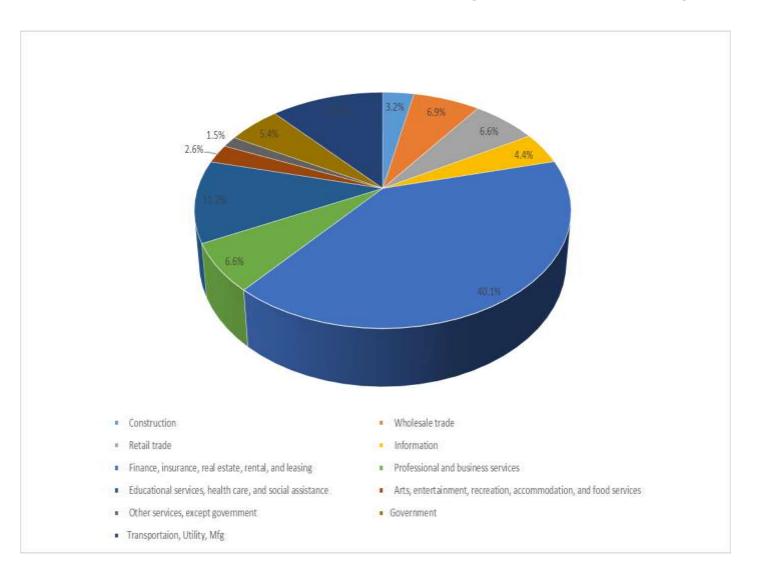


2014 – Growth Continues, Slow Downs in Mississippi Valley



Sioux Falls

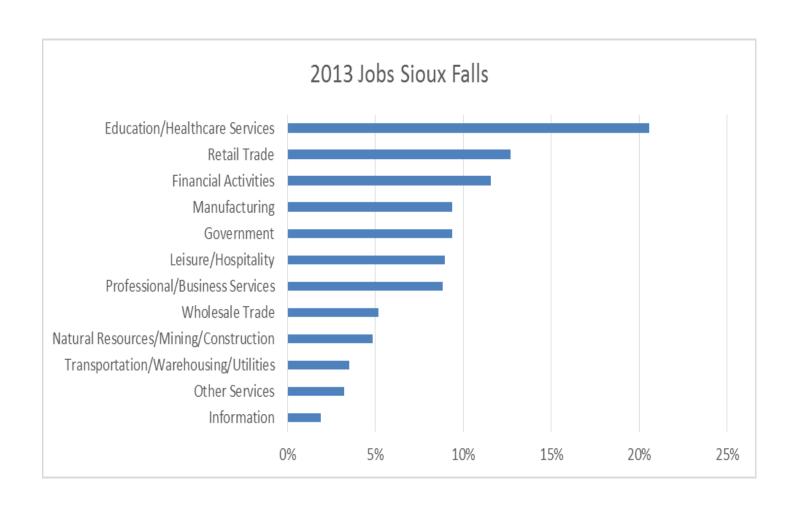
Sioux Falls GDP by Industry



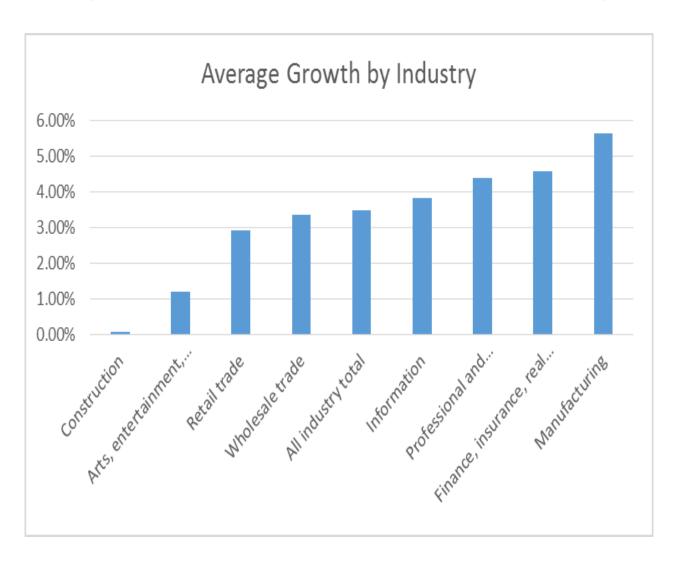
Sioux Falls MSA Sector Change

	2014	2013
Natural Resrouces & Mining	(D)	(D)
Construction	-0.07	0.18
Durable Goods Manufacturing	0.23	0.17
Nondurable Goods Manufacturing	0.04	-0.17
Trade	0.9	0.22
Transportation and Utilities	(D)	(D)
Information	0.06	-0.15
Finance, Insurance, Real Estate,		
Rental & Leasing	0.14	1.26
Professional and Business Services	0.38	-0.01
Education, Healthcare & Soc Services	(D)	0.55
Arts, Entertainment, Recreation,		
Lodging & Food	0.1	0.05
Other Services	0.02	0.04
Government	0.07	-0.04
Total	1.7	2.5

Sioux Falls Area Jobs

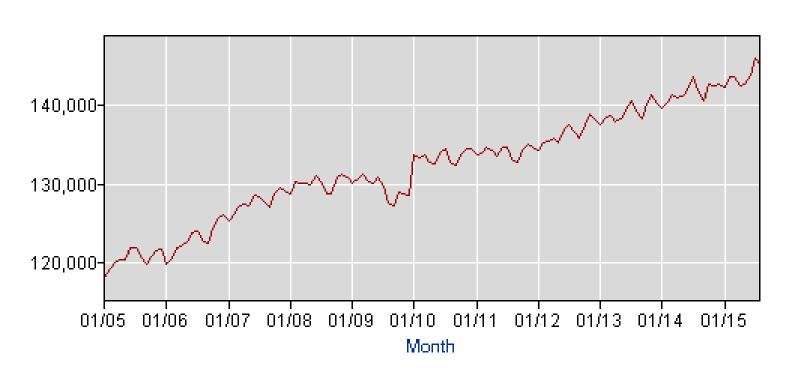


Average GDP Growth by Industry (Sioux Falls, 2001-2014)



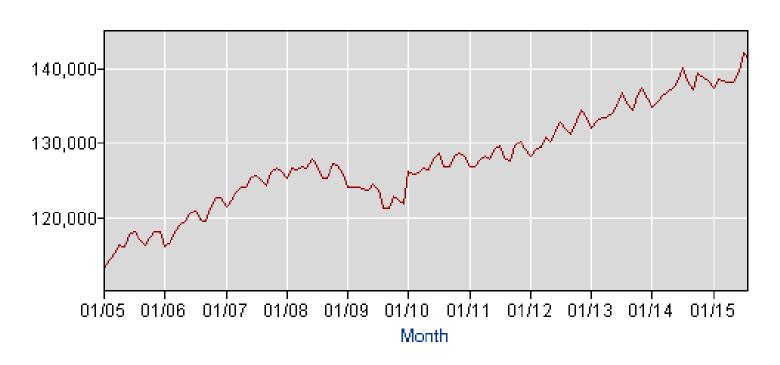
Steady Growth in SF Workforce

labor force



And Growth in Employment

employment

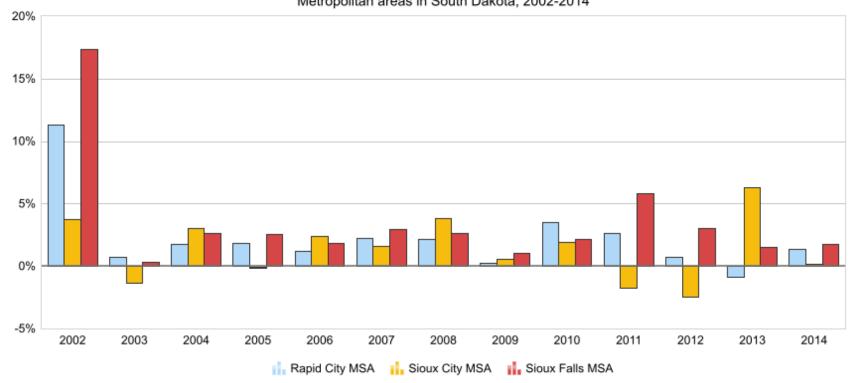


Rapid City

Signs of a Turnaround?

Annual change in real GDP by metropolitan area

Metropolitan areas in South Dakota, 2002-2014



Slow, Uneven Growth

BREAKDOWN: By metropolitan area (annual change) ▼									view: Data & notes ▼				
Annual change in real GDP by metropolitan area Metropolitan areas in South Dakota, 2002-2014													
Rapid City metropolitan area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Annual percent change in real GDP	11.3%	0.7%	1.7%	1.8%	1.2%	2.2%	2.1%	0.2%	3.5%	2.6%	0.7%	-0.9%	1.3%
Real GDP (billions of 2009 dollars)	\$4.7	\$4.7	\$4.8	\$4.9	\$4.9	\$5.0	\$5.1	\$5.1	\$5.3	\$5.5	\$5.5	\$5.4	\$5.5

A Tale of Two Cities

BREAKDOWN: By metropolitan area (annual change) ▼

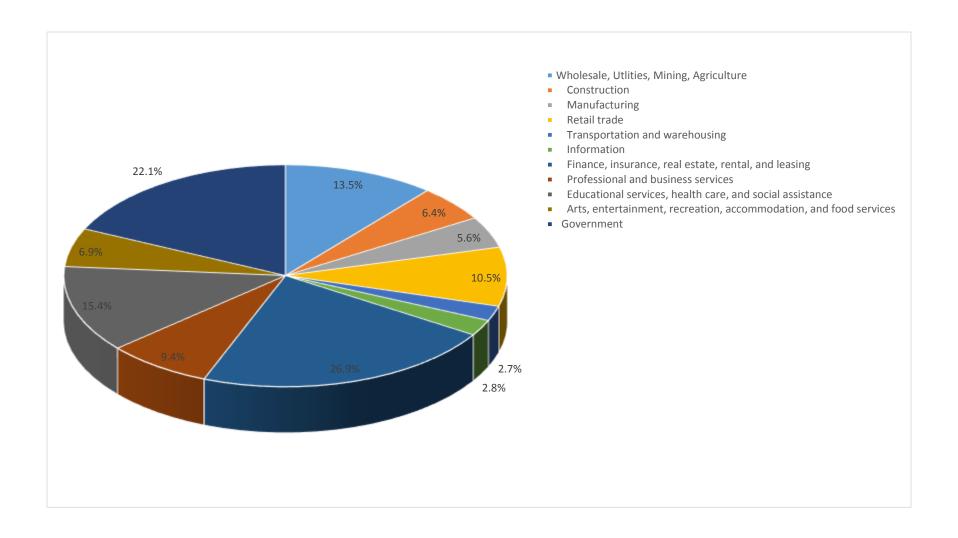
VIEW: Data & notes ▼

Annual change in real GDP by metropolitan area

Metropolitan areas in South Dakota, 2002-2014

Rapid City metropolitan area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Annual percent change in real GDP	11.3%	0.7%	1.7%	1.8%	1.2%	2.2%	2.1%	0.2%	3.5%	2.6%	0.7%	-0.9%	1.3%
Real GDP (billions of 2009 dollars)	\$4.7	\$4.7	\$4.8	\$4.9	\$4.9	\$5.0	\$5.1	\$5.1	\$5.3	\$5.5	\$5.5	\$5.4	\$5.5
Sioux City metropolitan area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Annual percent change in real GDP	3.7%	-1.4%	3.0%	-0.1%	2.4%	1.6%	3.8%	0.5%	1.9%	-1.8%	-2.5%	6.3%	0.1%
Real GDP (billions of 2009 dollars)	\$6.9	\$6.8	\$7.0	\$7.0	\$7.2	\$7.3	\$7.5	\$7.6	\$7.7	\$7.6	\$7.4	\$7.9	\$7.9
Sioux Falls metropolitan area	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Annual percent change in real GDP	17.3%	0.3%	2.6%	2.5%	1.8%	2.9%	2.6%	1.0%	2.1%	5.8%	3.0%	1.5%	1.7%
Real GDP (billions of 2009 dollars)	\$12.4	\$12.4	\$12.7	\$13.1	\$13.3	\$13.7	\$14.0	\$14.2	\$14.5	\$15.3	\$15.8	\$16.0	\$16.3

Rapid City Metro GDP By Sector

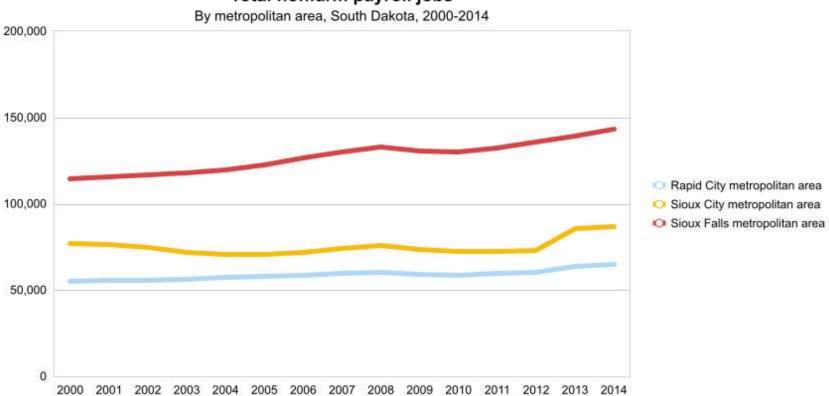


RC MSA Sector Change

	2014	2013
Wholesale & Retail Trade	0.59	0.41
Professional & Business Services	0.29	0.07
Education, Health Care & Soc Services	0.24	0.30
Durable Goods Manufacturing	0.20	0.17
Government	0.12	-0.39
Transportation and Utilities	0.04	-0.08
Information	0.02	0.00
Other Services	0.02	-0.11
Finance, Insurance, Real Estate, Rental & Leasing	0.01	0.41
Construction	0.00	-0.13
Arts, Entertainment, Recreation, Lodging & Food	-0.04	0.15
Nondurable Goods Manufacturing	-0.07	0.04
Natural Resources and Mining	-0.14	0.15
	1.28	0.99

Job Growth Tracks with GDP

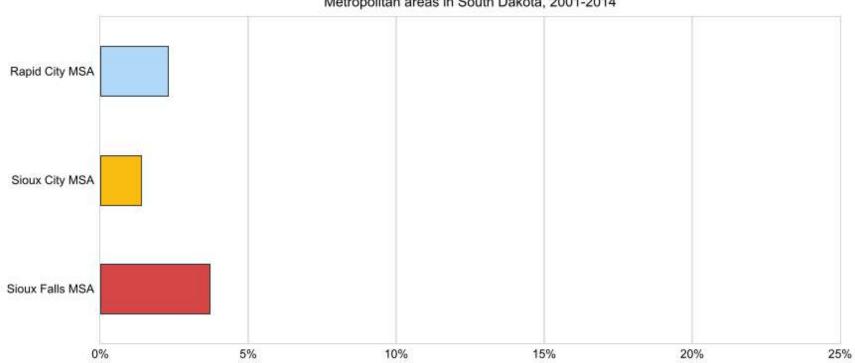




Since 2001, RC Metro Growth Has **Averaged 2.3 Percent**

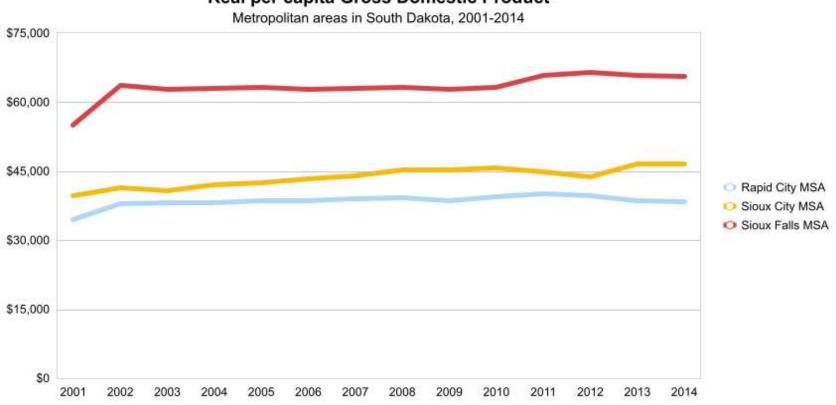
Real compound annual growth rate of Gross Domestic Product

Metropolitan areas in South Dakota, 2001-2014



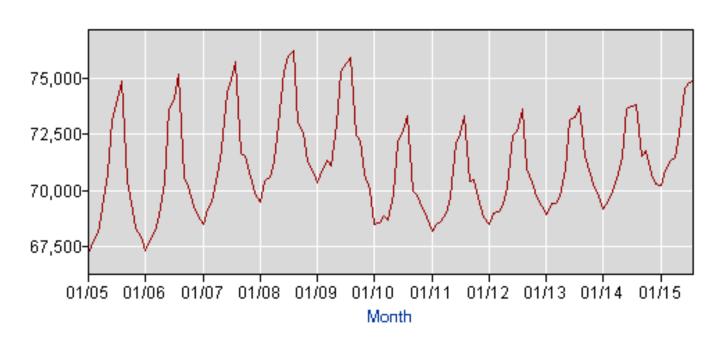
Per Capita GDP Drives Wealth

Real per capita Gross Domestic Product



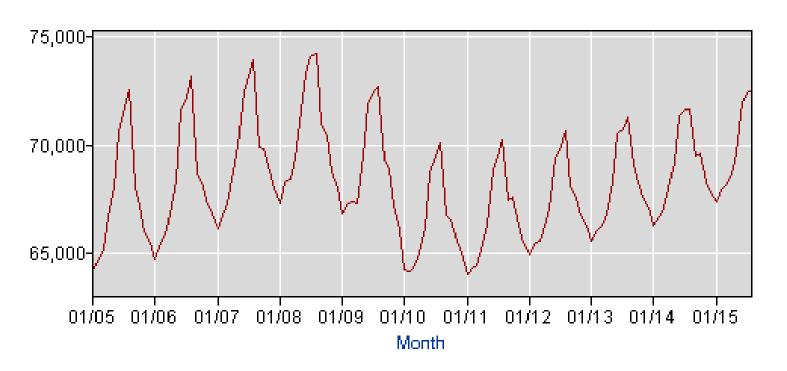
RC Workforce Still Below Peak

labor force



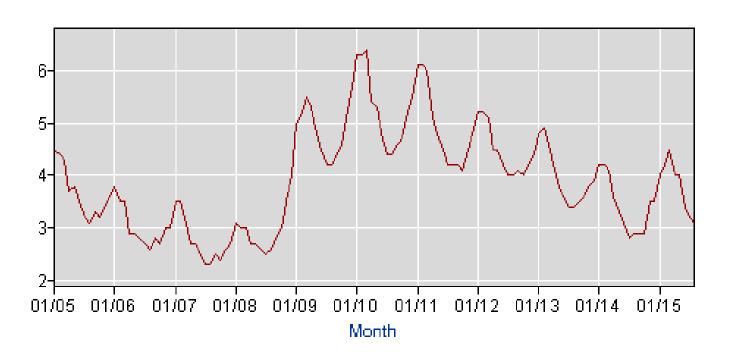
Total Employment In Recovery

employment



While Unemployment Declines

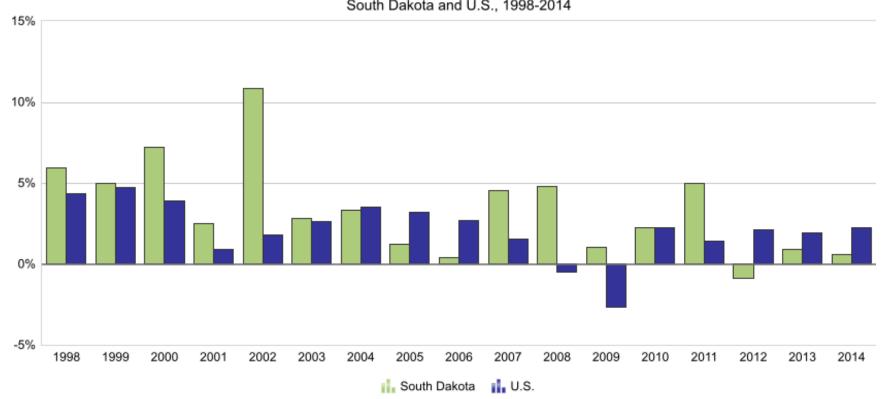
unemployment rate



Metros v. State

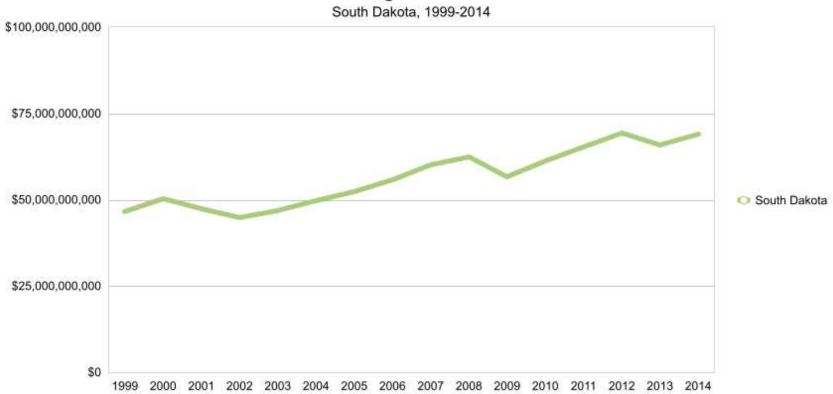
Annual change in real Gross Domestic Product

South Dakota and U.S., 1998-2014

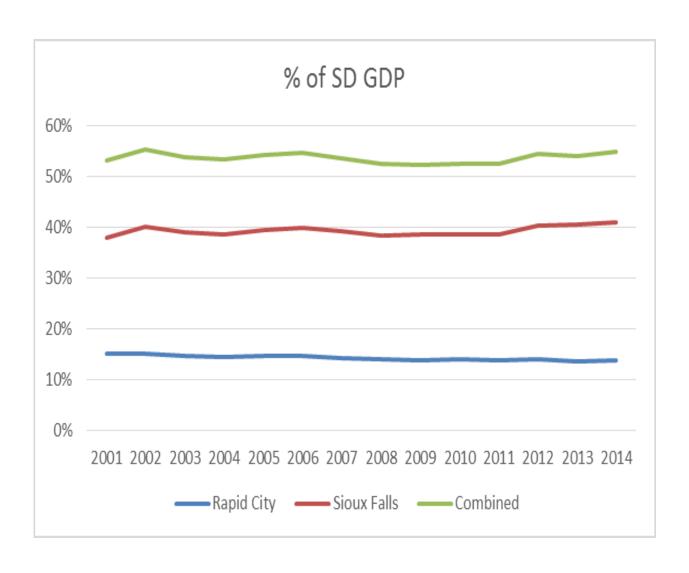


Solid Growth over 15 Years

Real gross sales

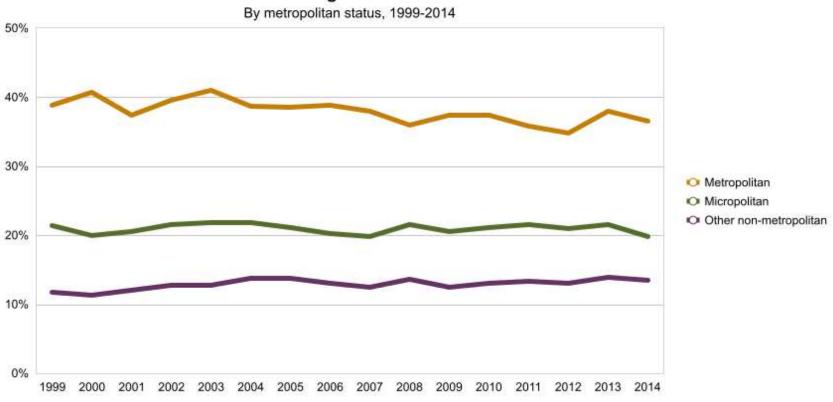


Metro Areas More Than Half SD GDP

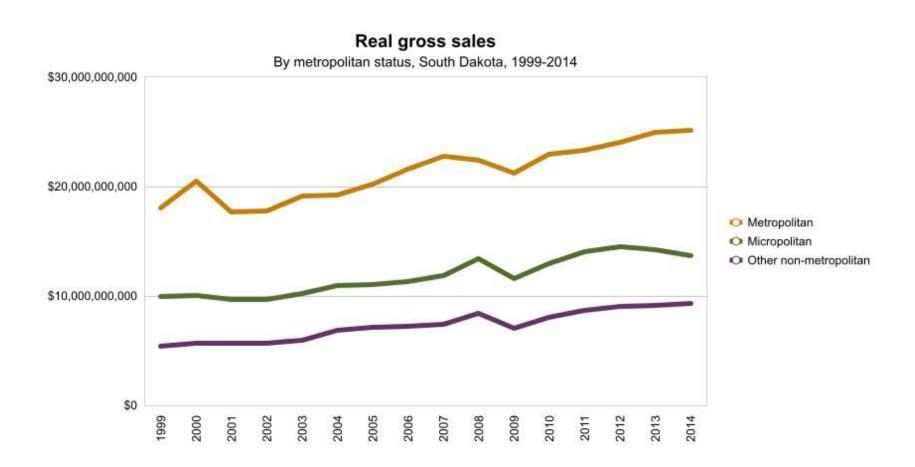


Declining Share of Gross Sales

Share of total gross sales in state

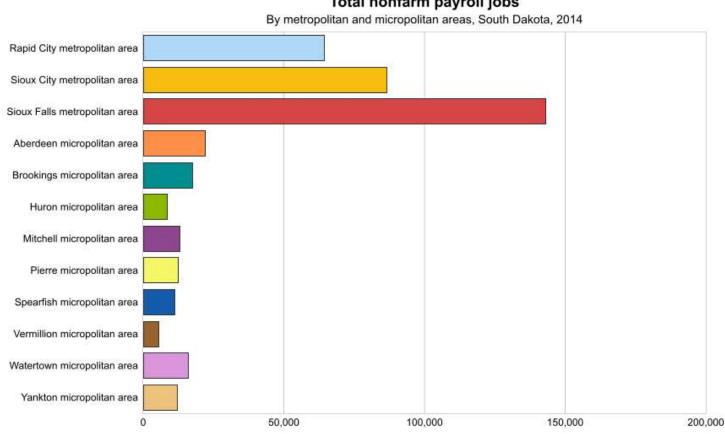


Total Gross Sales Roughly Equal Aggregate Metro GDP



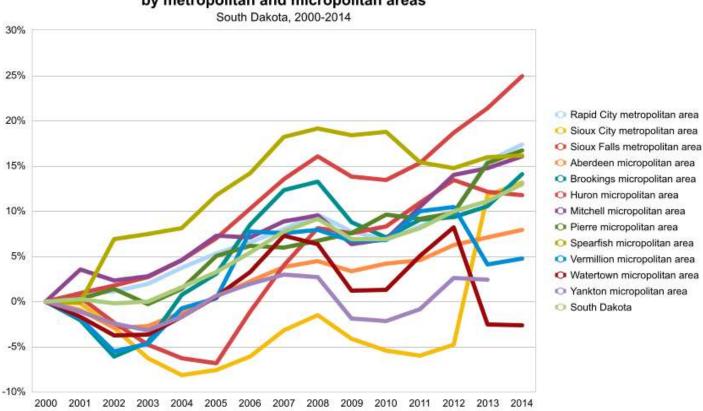
Metro Areas Drive Nonfarm Economy

Total nonfarm payroll jobs



Job Growth Greatest In Metro Areas

Percent change in jobs since 2000 by metropolitan and micropolitan areas



More Stability in the Future?

Does Agriculture Drive GDP Volatility?

Annual change in real Gross Domestic Product

South Dakota and U.S., 1998-2014

