

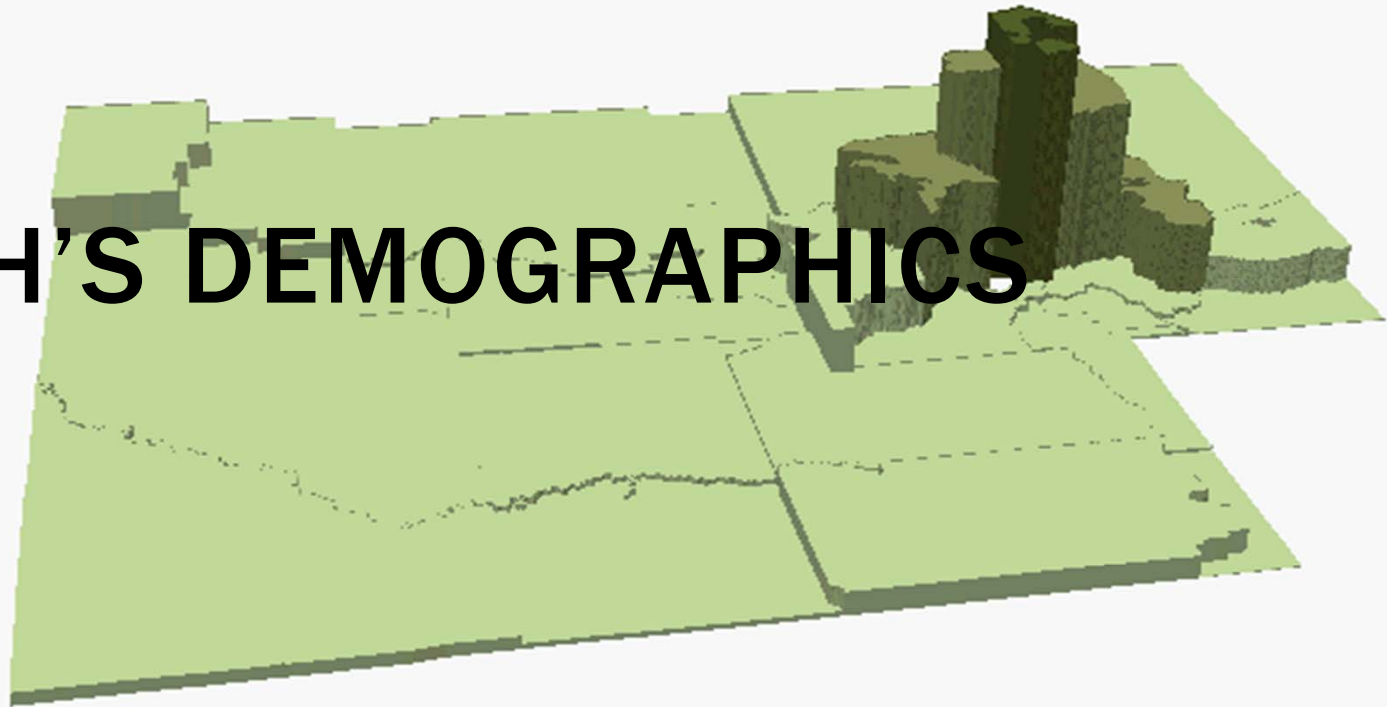
# EDUCATION

Dollars &  
Comparisons

# OUTLINE

- Utah Demographics & Tax Burden
- Public Education
  - Inputs
  - Outcomes
  - Impacts
- Higher Education
  - Inputs
  - Outcomes

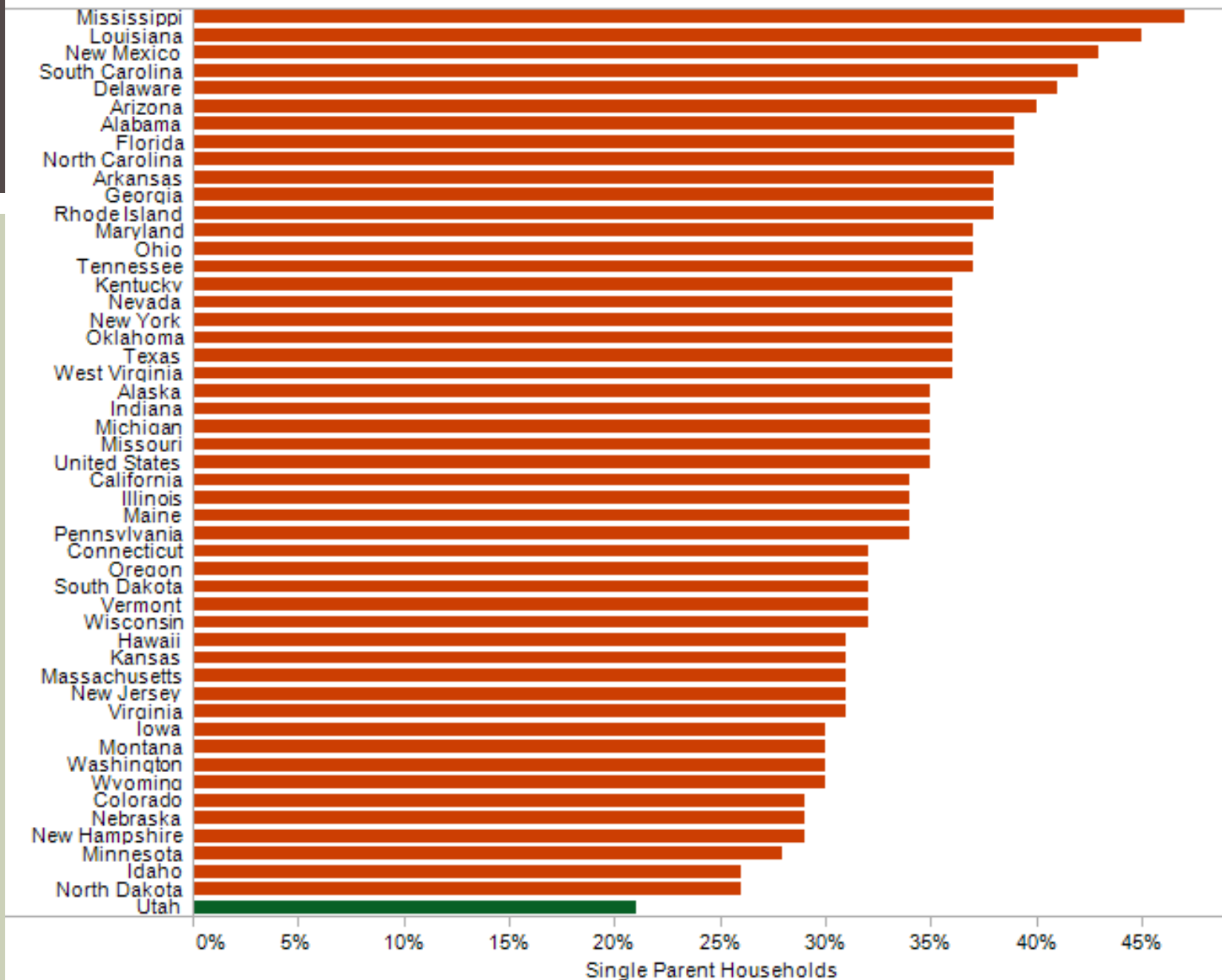
# UTAH'S DEMOGRAPHICS



OLDS

SINGLE PARENT HOUSEHOLD  
BY STATE, 2011

Single Parent Households, 2011

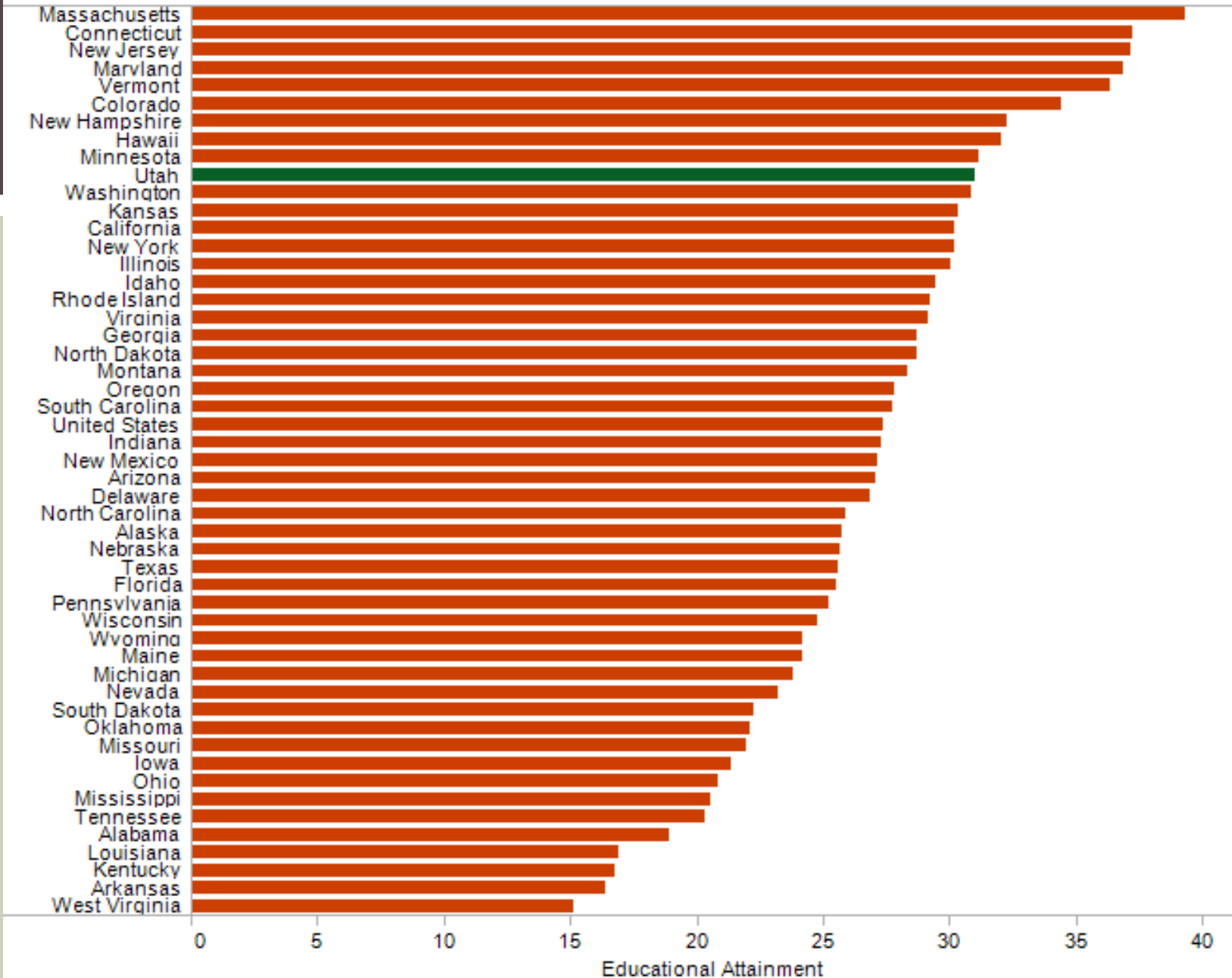


Sources: Census Bureau, American Community Survey, Annie E. Casey Foundation

# Educational Attainment, 2010

EDUCATIONAL ATTAINMENT,

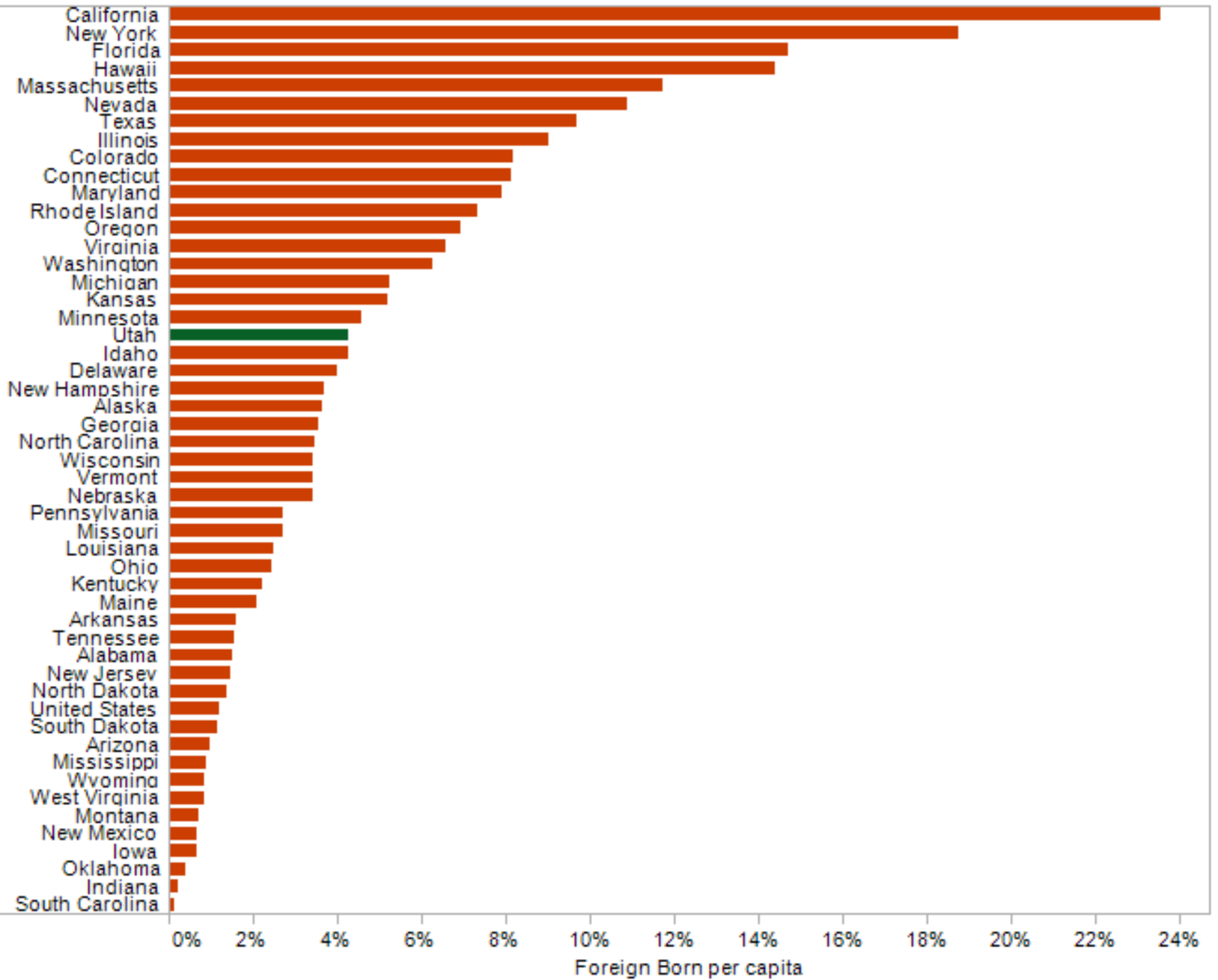
2010



Sources: Moody's, CPS, ACS, NCES

# FOREIGN BORN RATIO, 2010

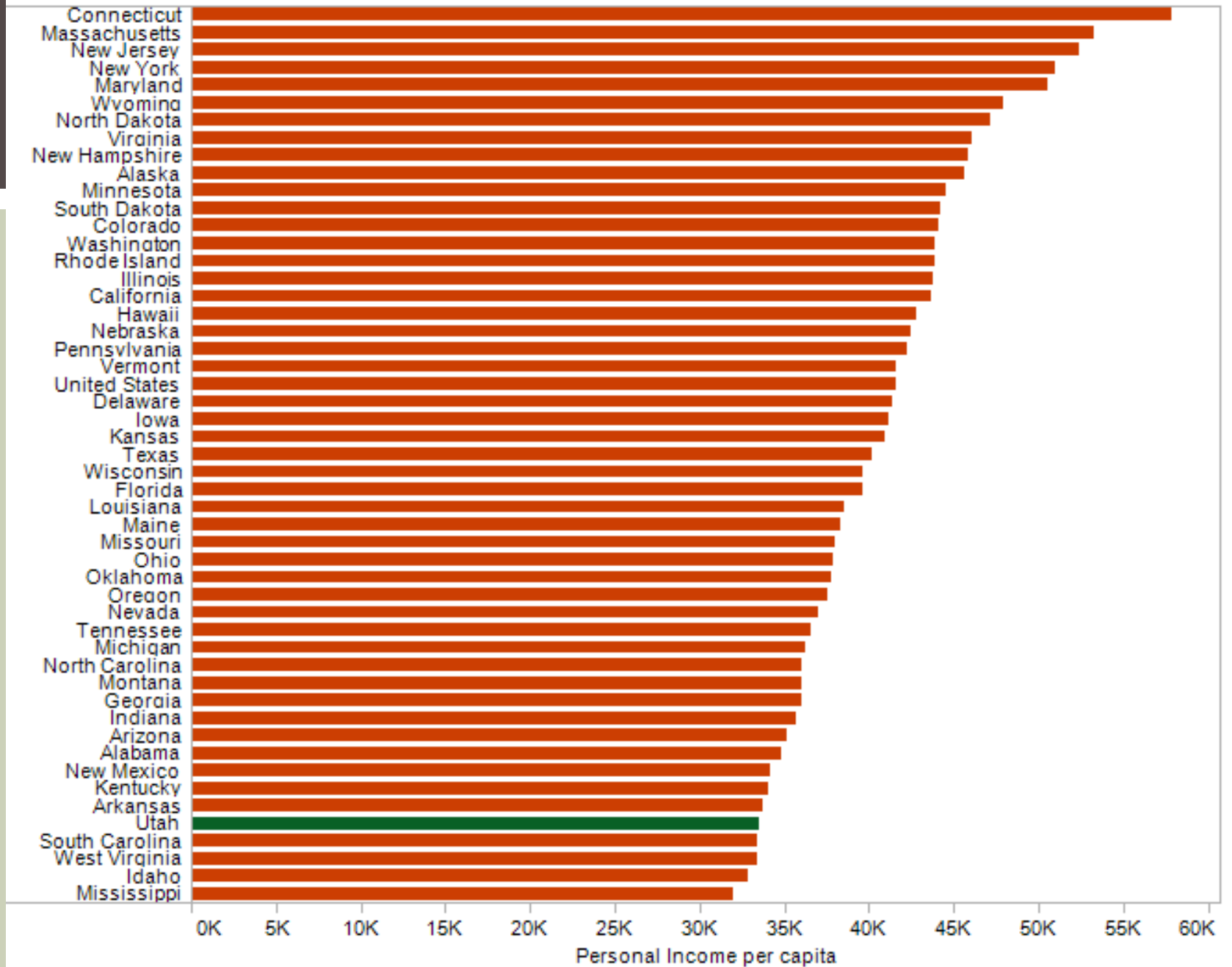
Foreign Born Percent of the Population, 2010



Sources: Moody's, Census CPS

PERSONAL INCOME BY STATE, 2011

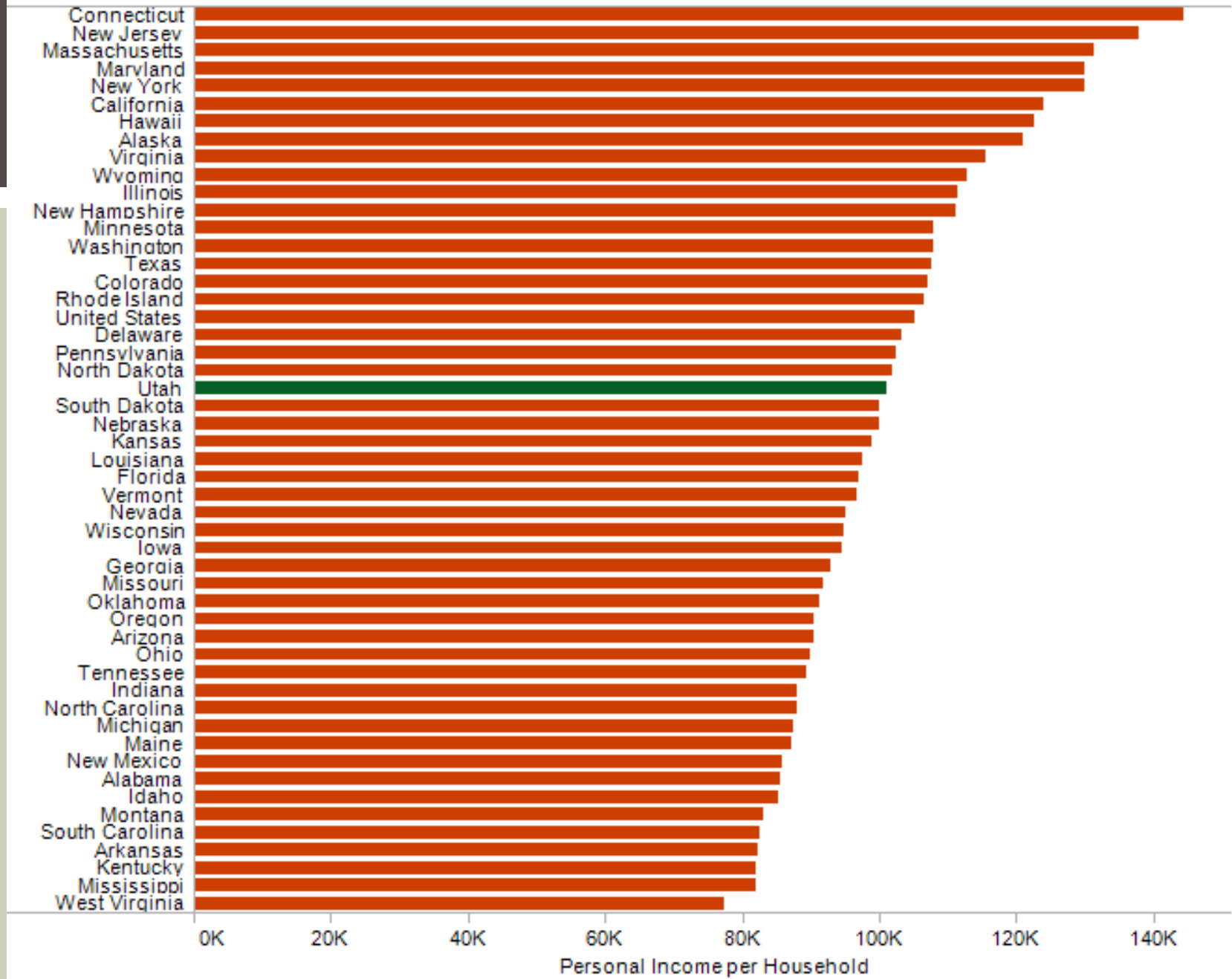
Personal Income per Capita, 2011



Source: BEA, Census Bureau

PERSONAL INCOME PER HOUSEHOLD, 2010

Personal Income per Household, 2010

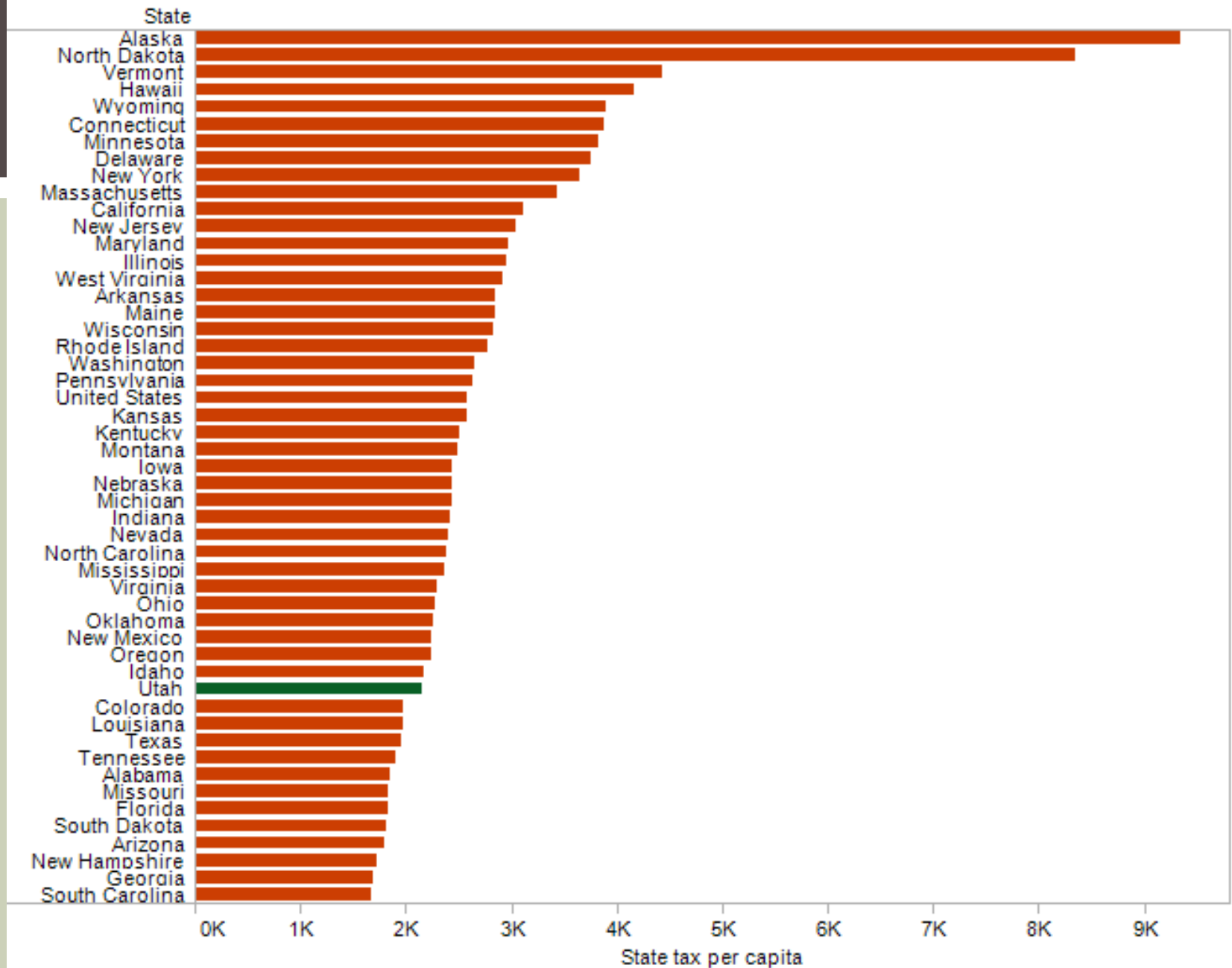


Sources: BEA, Moody's, Census CPS



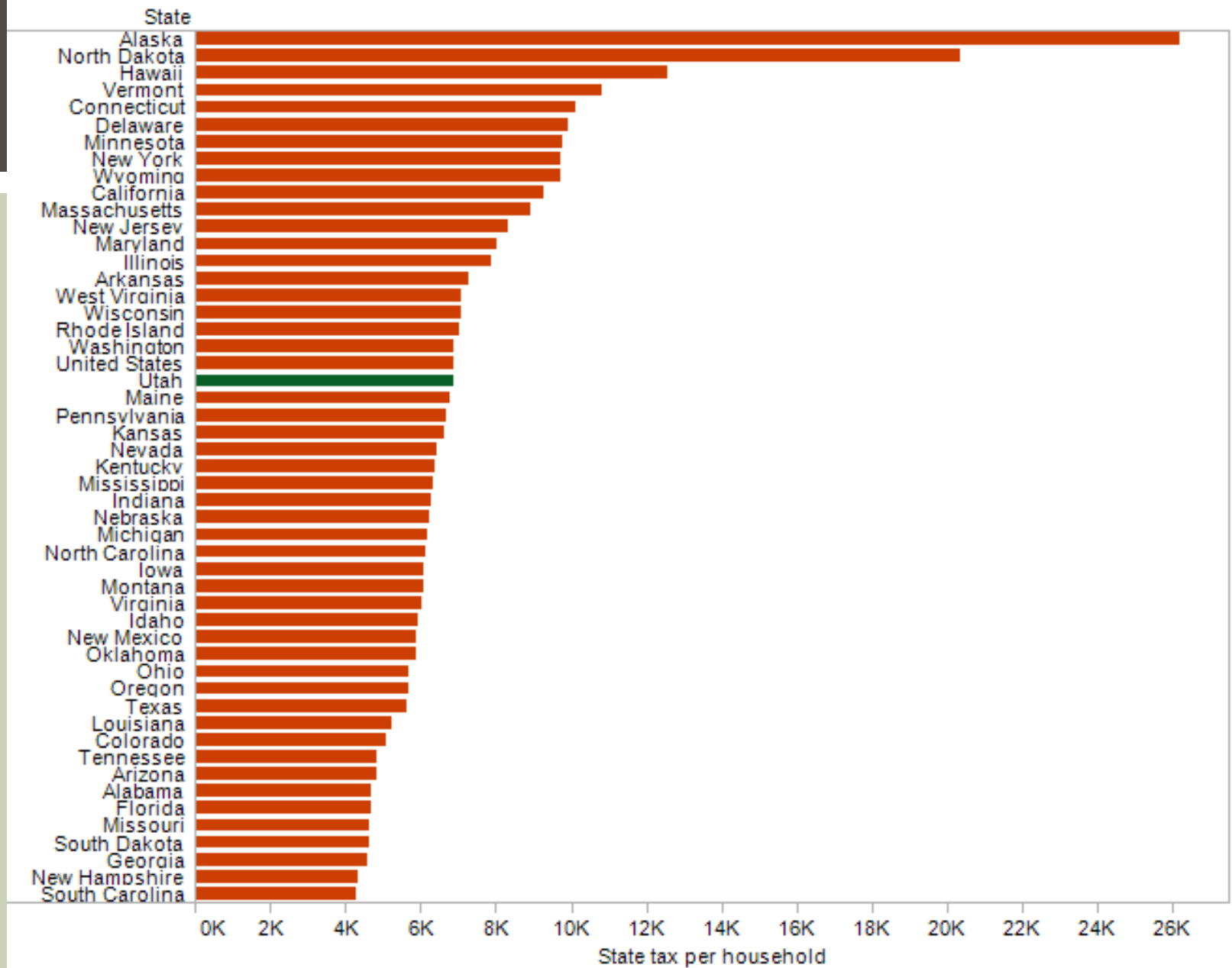
# STATE TAX PER CAPITA

## State tax per capita



# STATE TAX PER HOUSEHOLD

State tax per household



Sources: Moody's, Census

# PUBLIC ED INPUTS

# HOW SCHOOLS ARE FUNDED

## ■ Three Major Sources

### ■ State Sources

- 52.0% in Utah - Mostly Income Tax
- 43.5% in US - States Range from 31.1% to 81.6%

### ■ Local Sources

- 38.0% in Utah - Mostly Property Tax
- 43.8% in US - States Range from 3.5% to 59.2%

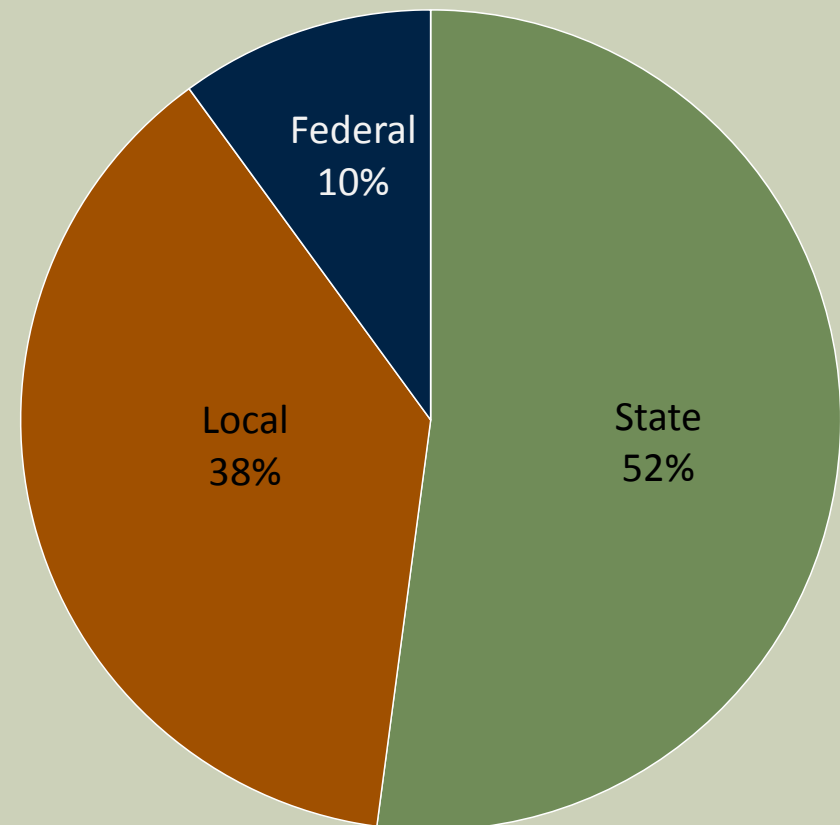
### ■ Federal Sources

- 10.0% in Utah - Mostly Grants & Revenue in Lieu of Taxes
- 12.7% in US - States Range from 7.3% to 22.1%

■ States report data based on NCES common chart of accounts

■ Classification of revenue source type may vary by state

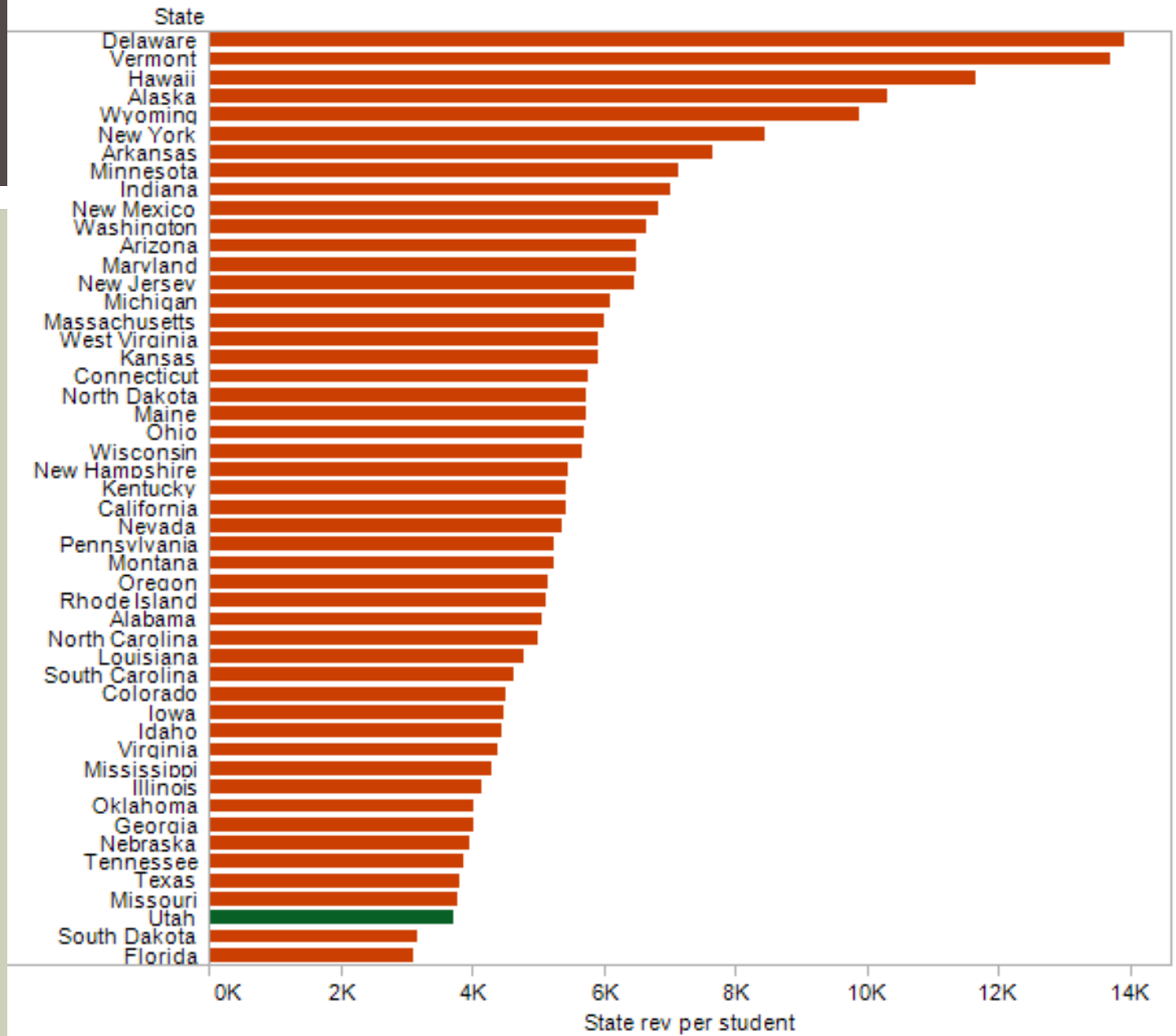
**Public Education Revenues - Utah**  
FY 2012 by Major Source - Total \$5.0 Billion



Source: Utah State Office of Education, Annual Financial Report, FY 2012.

# STATE REVENUE PER STUDENT

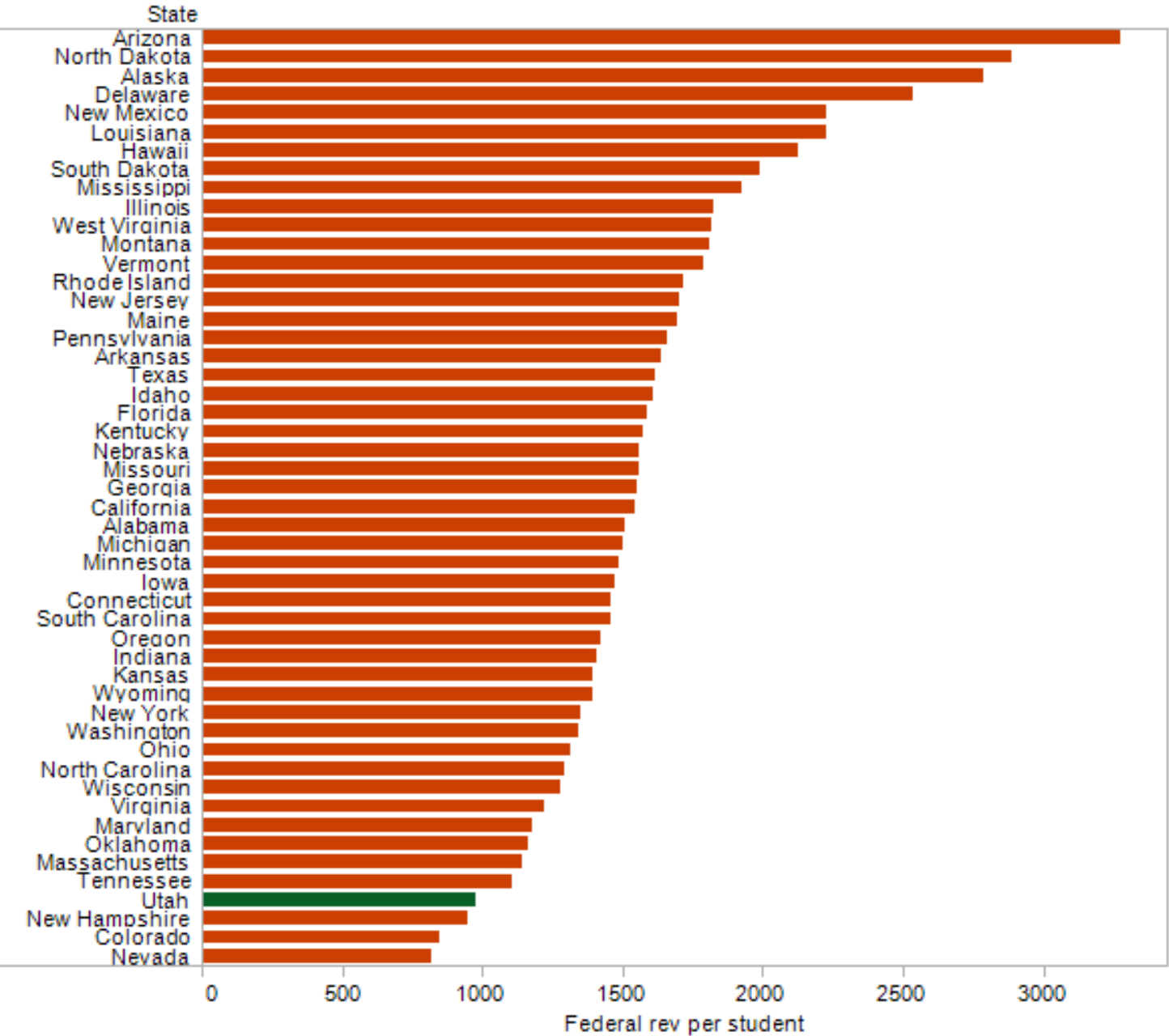
State Revenue per Student



Source: Census Bureau

# Federal Revenue per Student

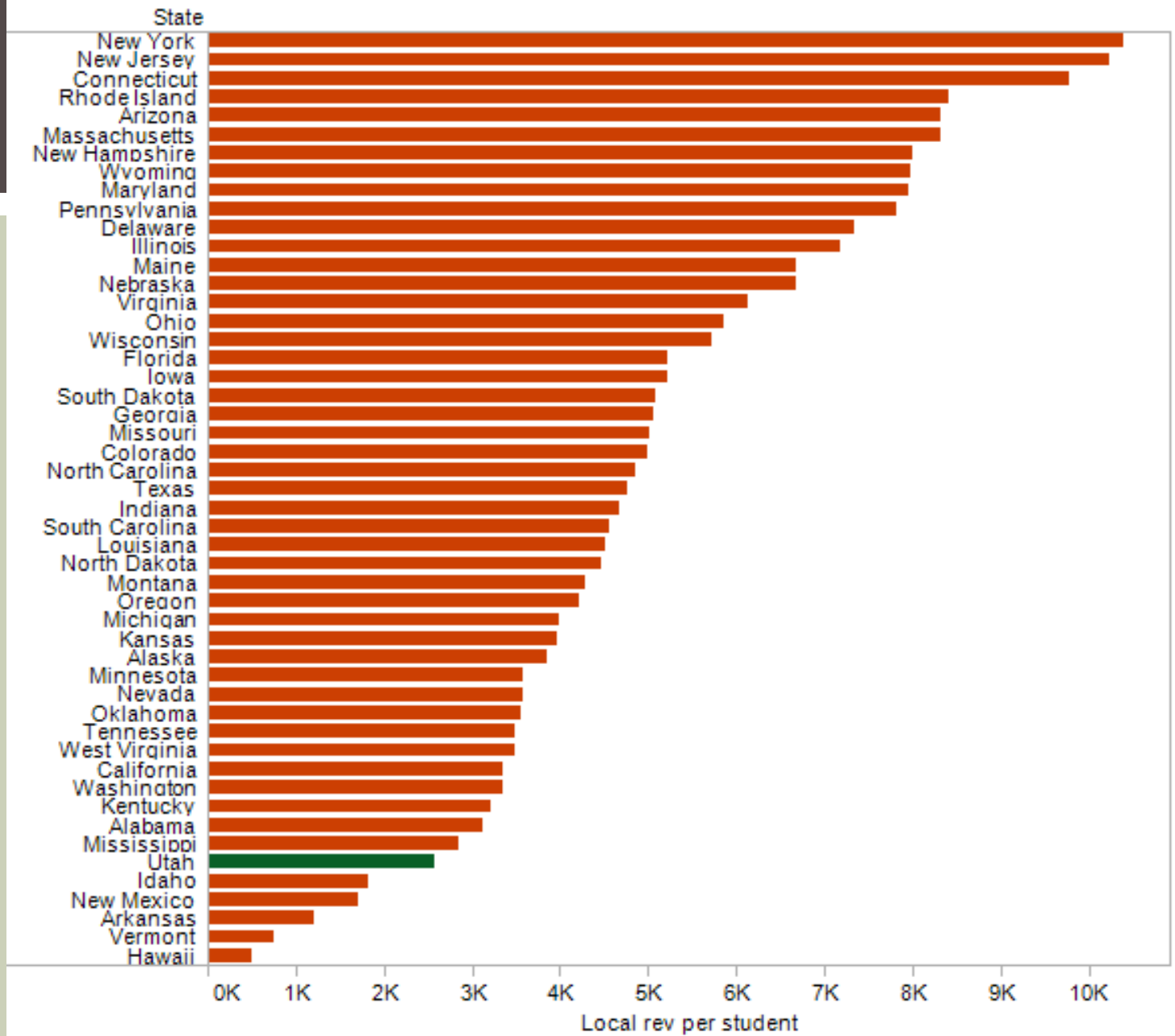
FEDERAL REVENUE PER STUDENT



Source: Census Bureau

LOCAL REVENUE PER STUDENT

Local Revenue per Student

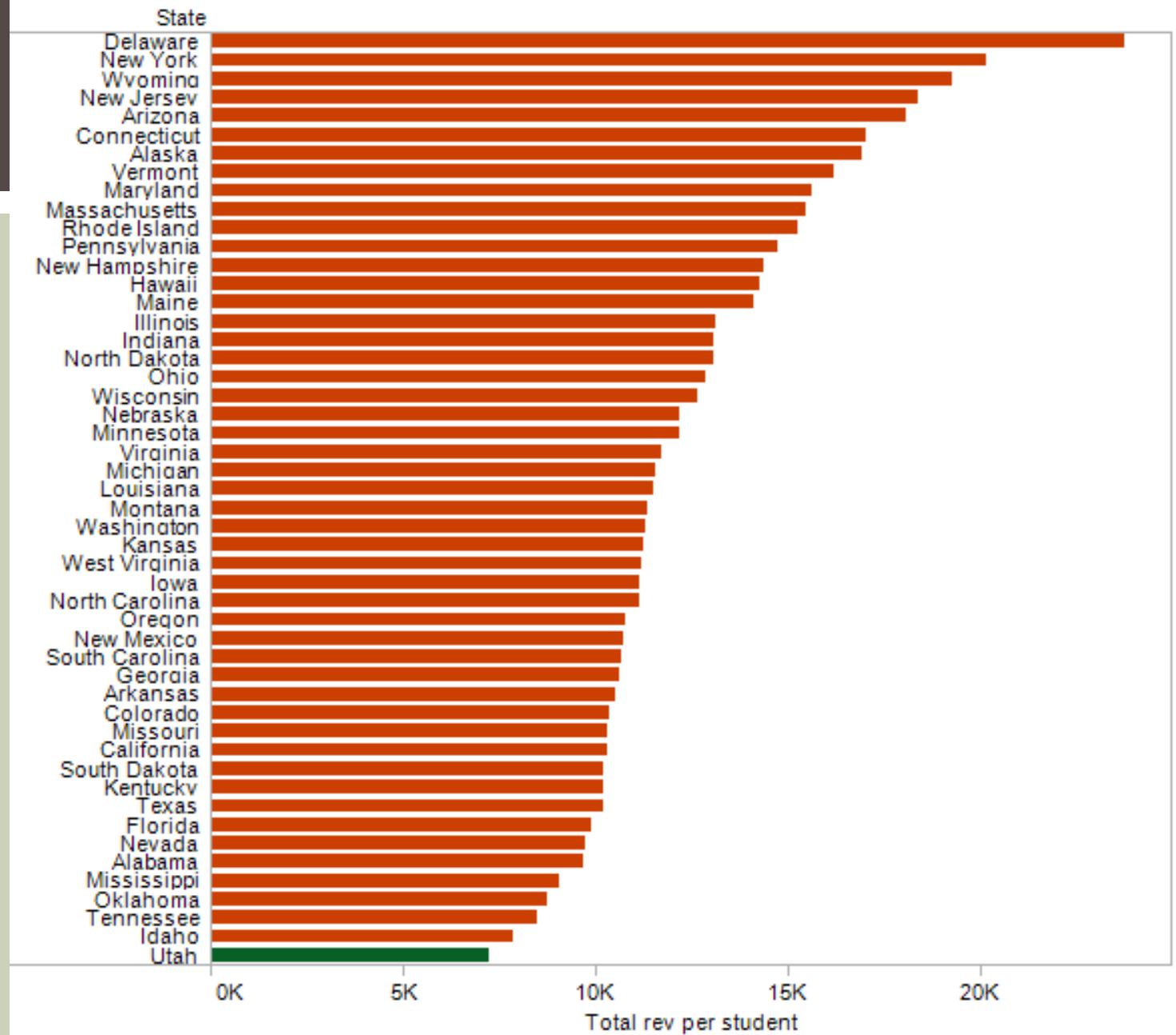


Source: Census Bureau

# All Sources per Student

ALL REVENUE PER STUDENT

ALL REVENUE PER STUDENT



Source: Census Bureau

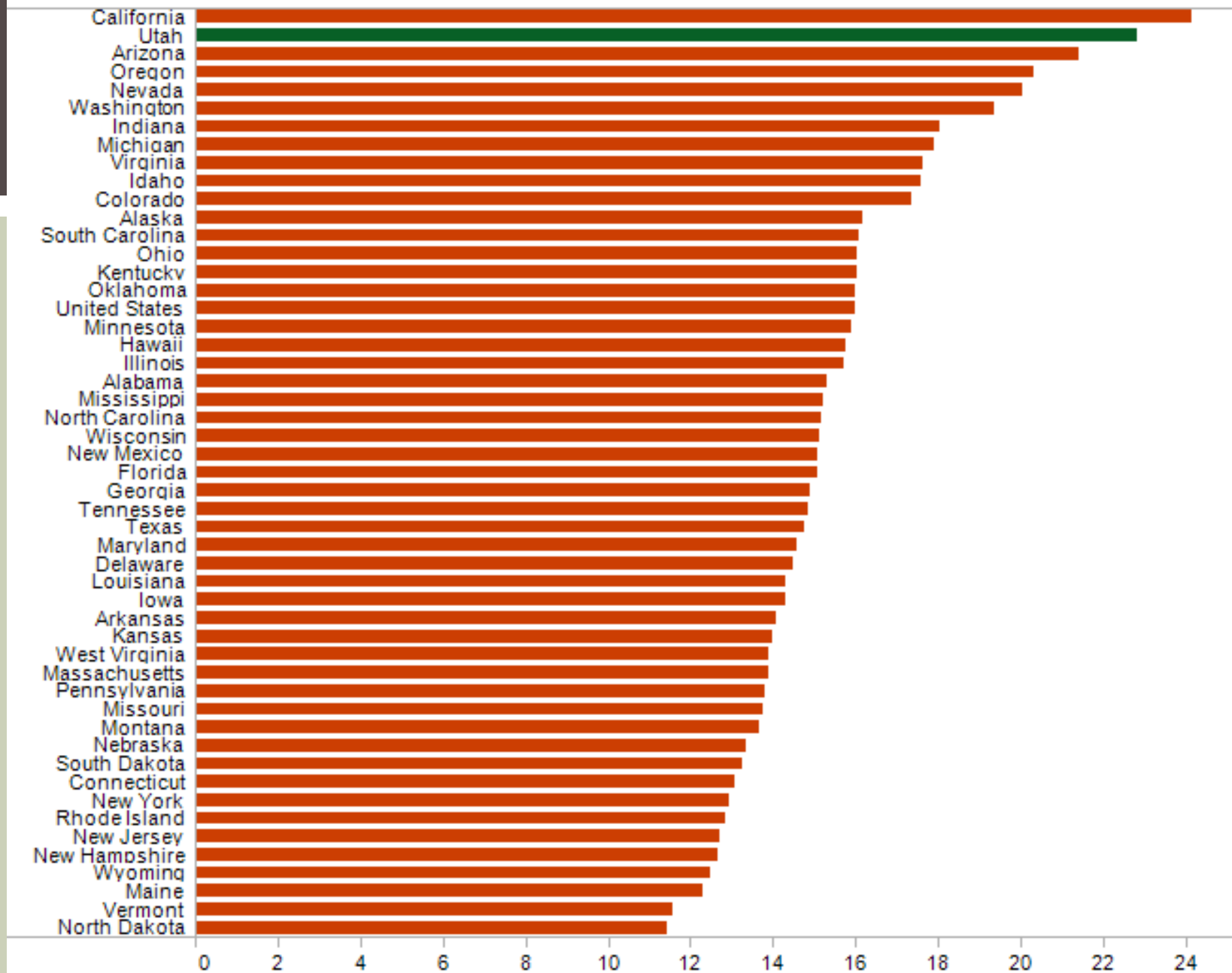


# PER PUPIL FUNDING COST SCENARIOS

- What would it cost to move Utah from ranking last in per pupil funding?
  - Utah Spends Approximately \$6,452 Per Pupil (FY 2010)
- Scenario 1: Next Highest Ranked State (Idaho)
  - Difference from Utah: \$648 Per Pupil
  - Utah's Cost to Match: \$365 Million
  - Estimated Income Tax Rate Impact (from 5% to): 5.7%
  - Estimated Household Impact (Family of 5): \$611
- Scenario 2: US Average
  - Difference from Utah: \$4,647 Per Pupil
  - Utah's Cost to Match: \$2.6 Billion
  - Estimated Income Tax Rate Impact (from 5% to): 9.8%
  - Estimated Annual Household Impact (Family of 5): \$4,213
- Scenario 3: Highest Ranked (Washington D.C.)
  - Difference from Utah: \$14,458 Per Pupil
  - Utah's Cost to Match: \$8.1 Billion
  - Estimated Income Tax Rate Impact (from 5% to): 19.8%
  - Estimated Annual Household Impact (Family of 5): \$13,013

TEACHER TO STUDENT RATIO, 2010

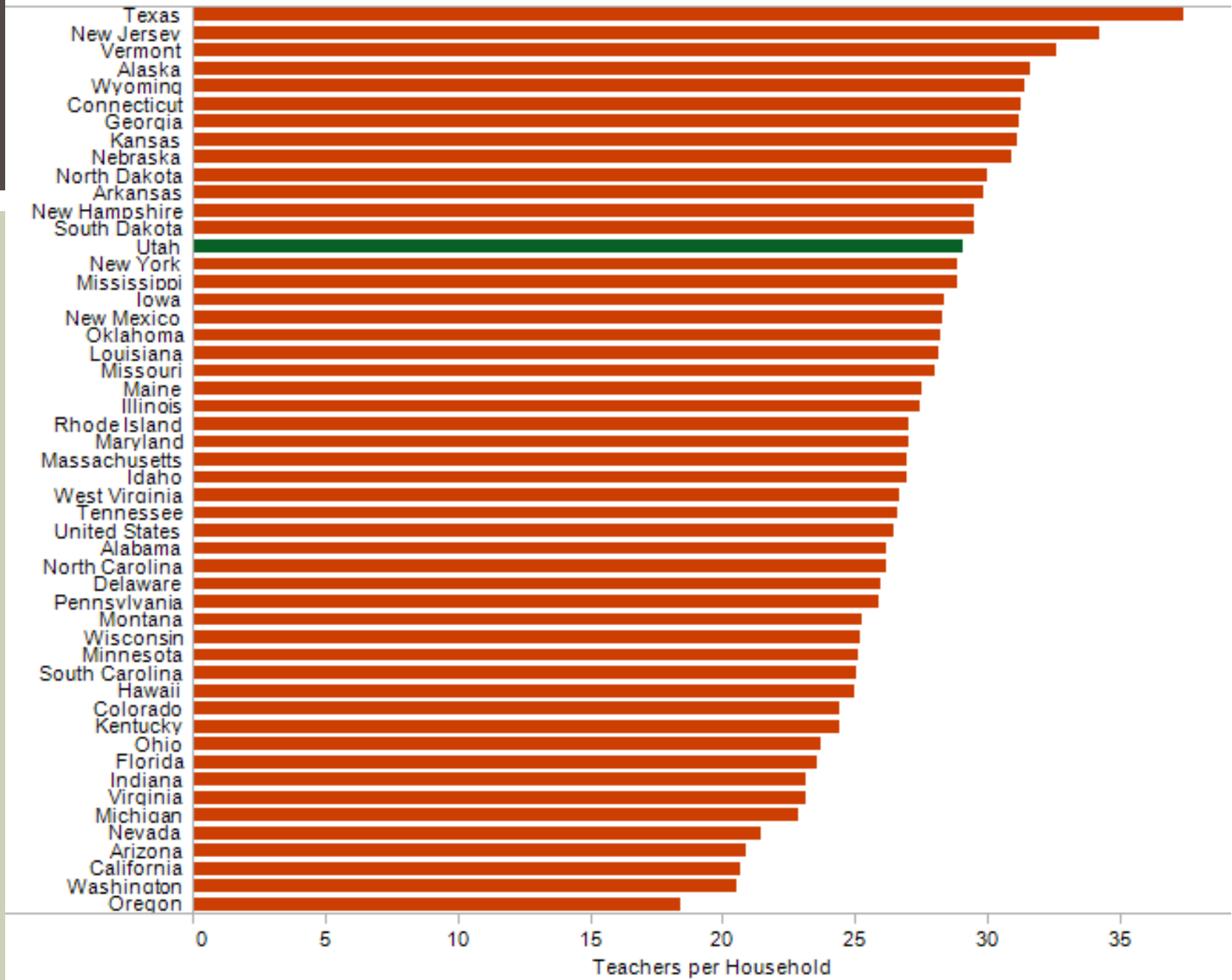
Teacher to Student Ratio, 2010



Sources: Moody's, NCES

TEACHER TO HOUSEHOLD RATIO, 2010

Teachers to Households, 2010



Sources: Moody's, NCES

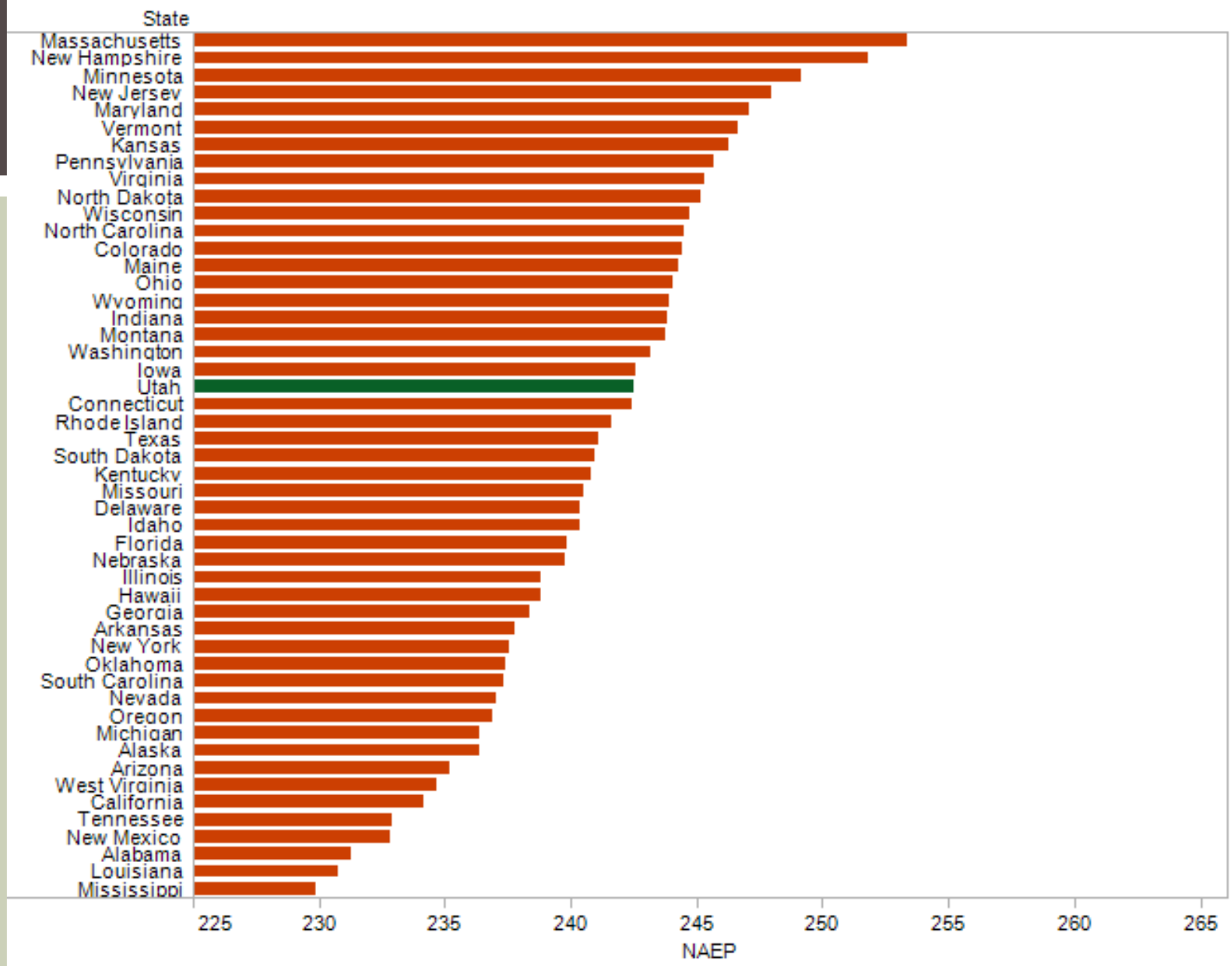
# PUBLIC ED OUTCOMES

# OVERVIEW OF OUTCOME DATA

- National outcome data relies on standards and definitions of the entity conducting the comparison.
  - States may not measure an outcome in the same manner
  - Example: Graduation Rate – definitions detail how to calculate the rate, but do not consider state standards for completion.
- Only one nationally comparable assessment of what students know in various subject areas.
  - The National Assessment of Educational Progress (NAEP)
    - Often called “gold standard” of large scale assessments
    - Uses representative sampling
    - Does not assess student mastery of a state’s curriculum
    - Results not comparable to state assessments
- National college and career readiness assessments often rely on student self selection.
  - American College Test (ACT) & Scholastic Achievement Test (SAT)
    - Participation rates of students in a state may skew results in a national comparison.

# NAEP Scores

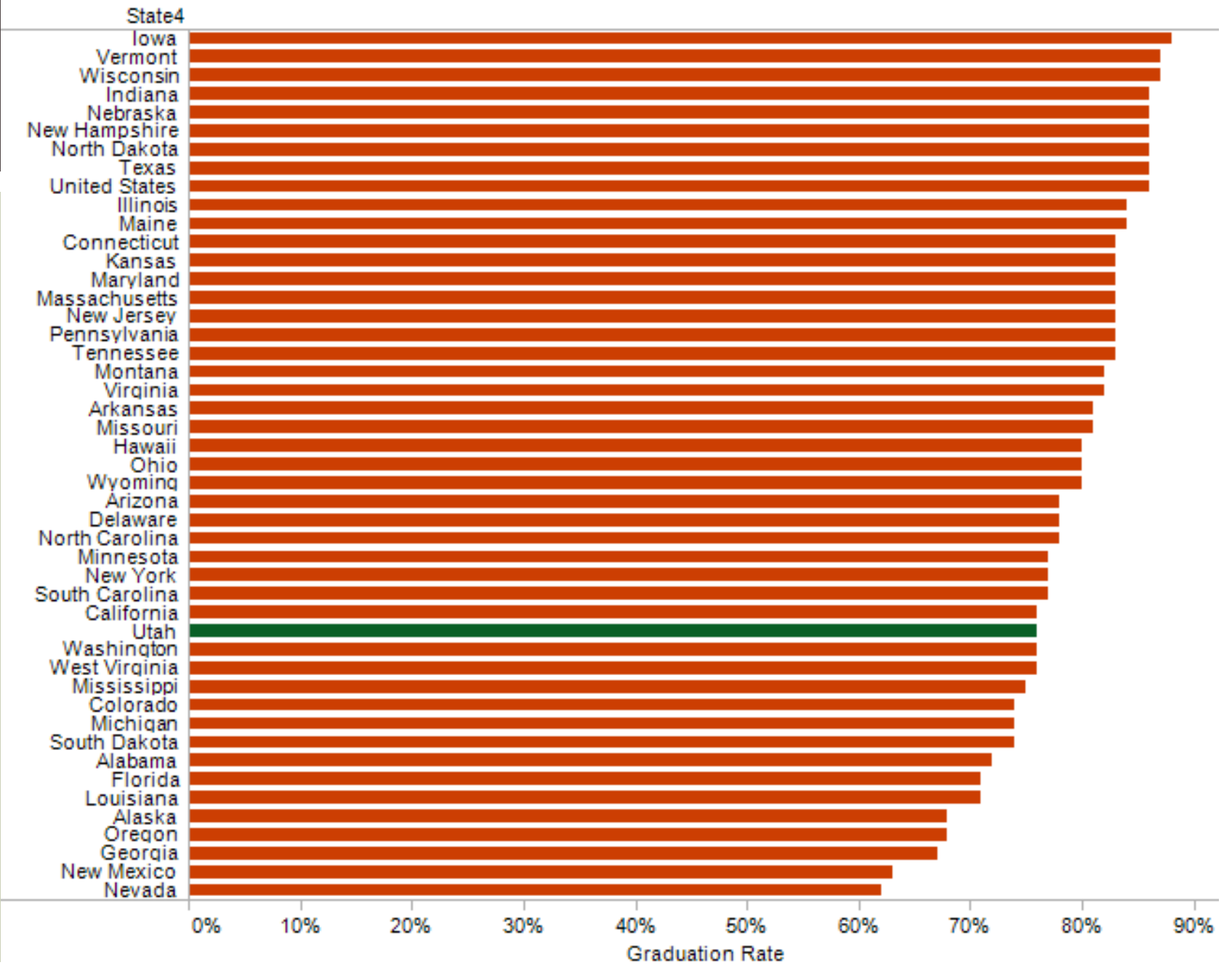
NAEP SCORES



Source: Census Bureau

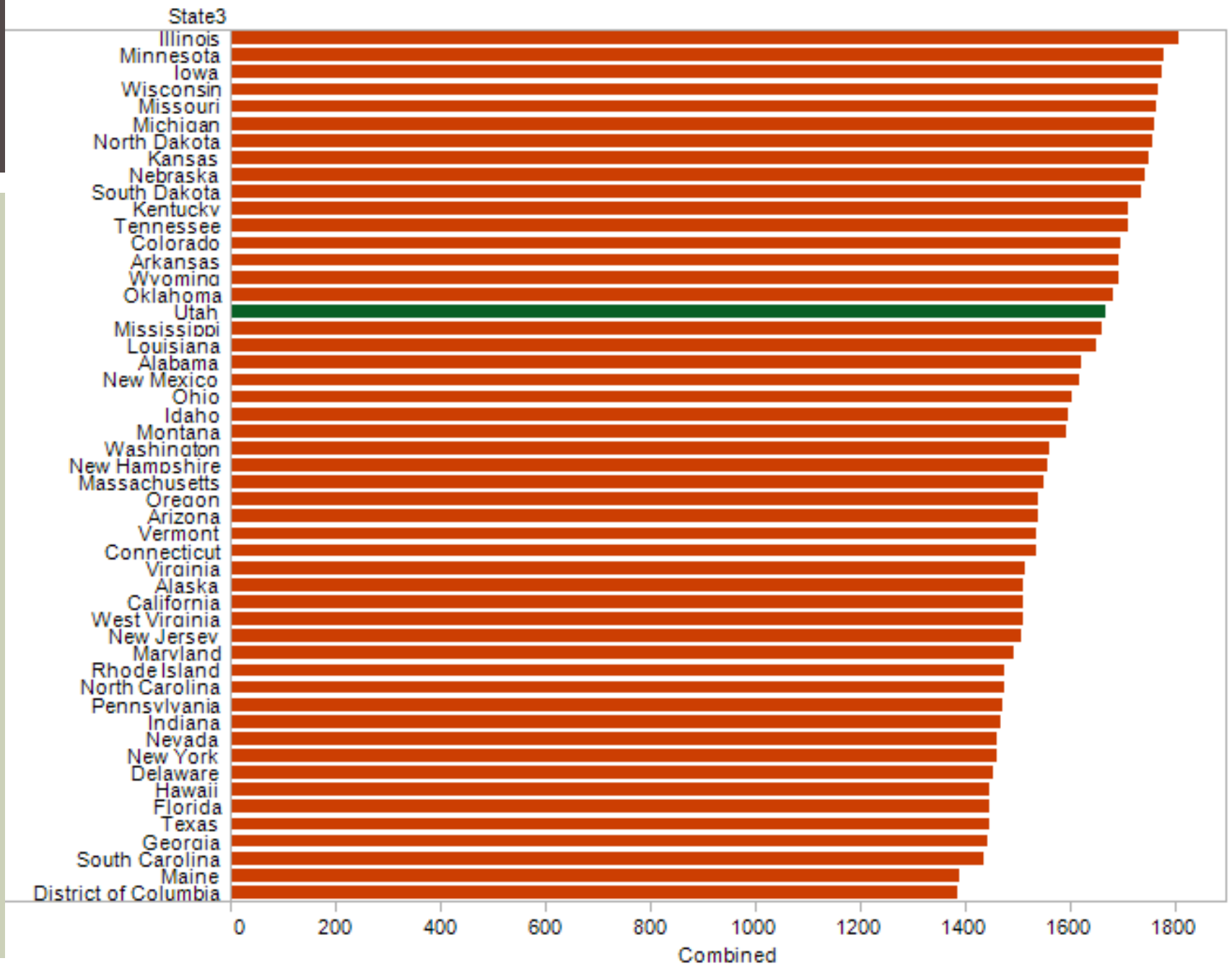
Graduation Rate by State, 2011

GRADUATION RATE BY STATE



# SAT Scores

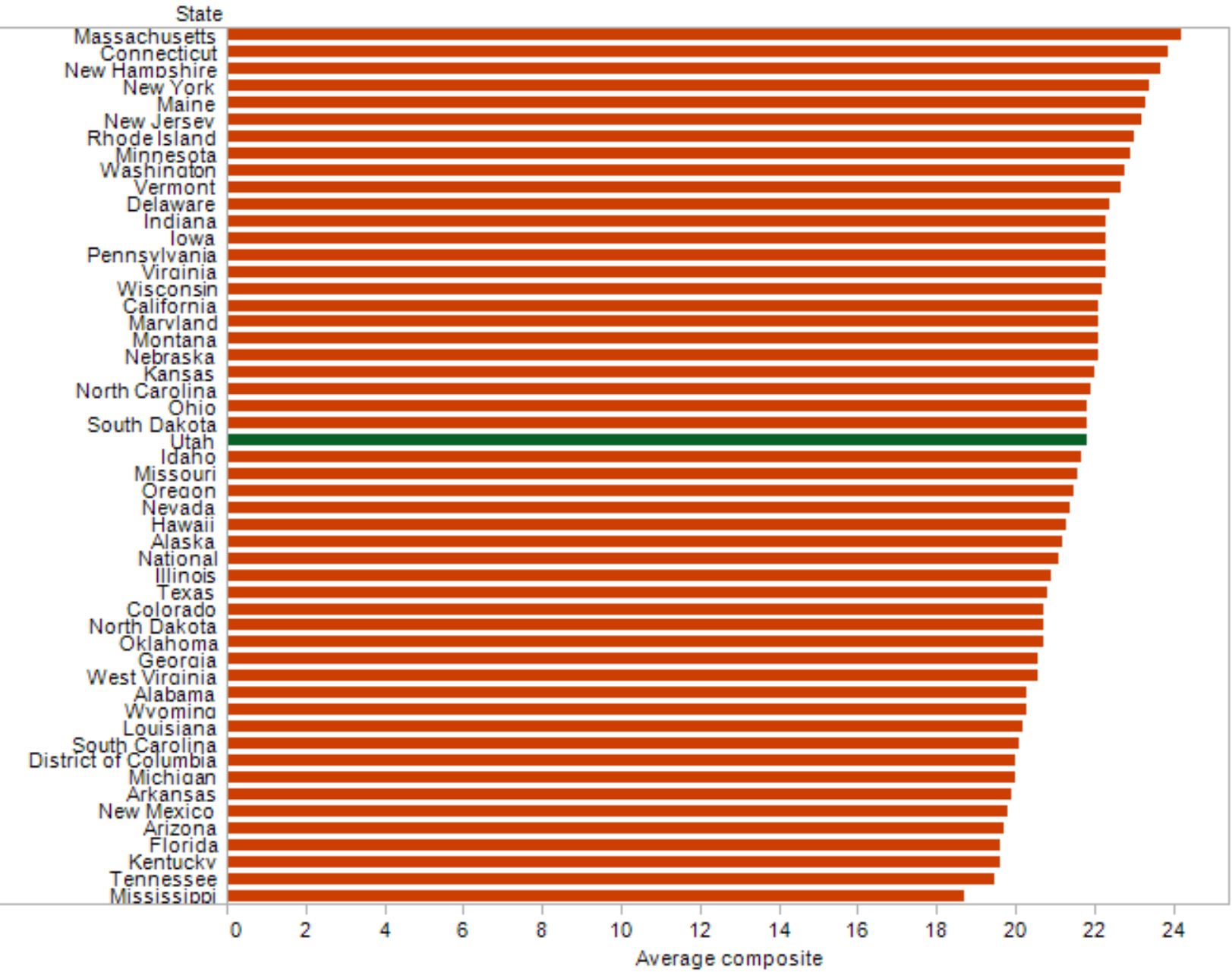
## SAT SCORES





# ACT, Average Composite, 2011

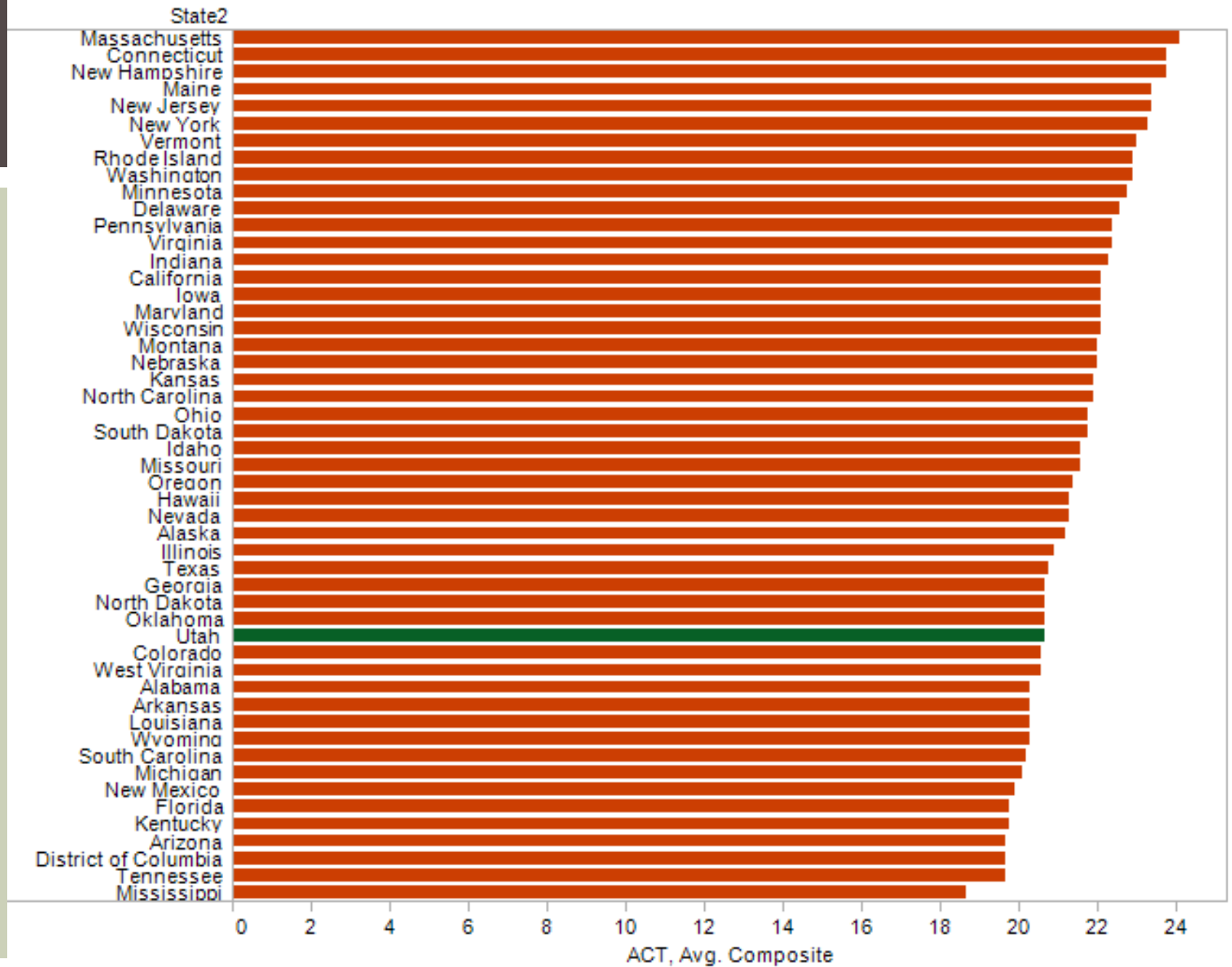
ACT COMPOSITE SCORE



Source: ACT

ACT, Average Composite, 2012

ACT COMPOSITE SCORE

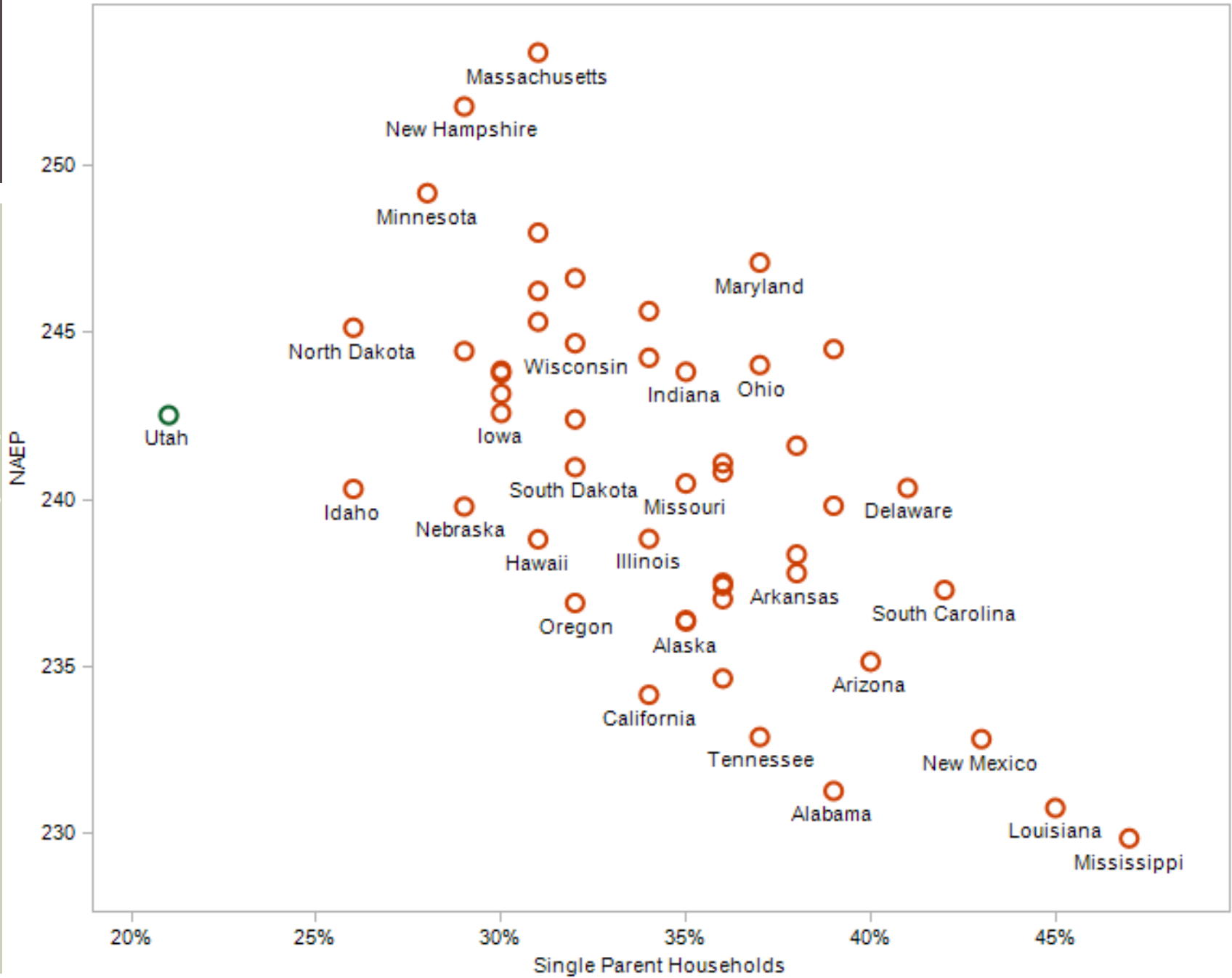


# PUBLIC ED IMPACTS

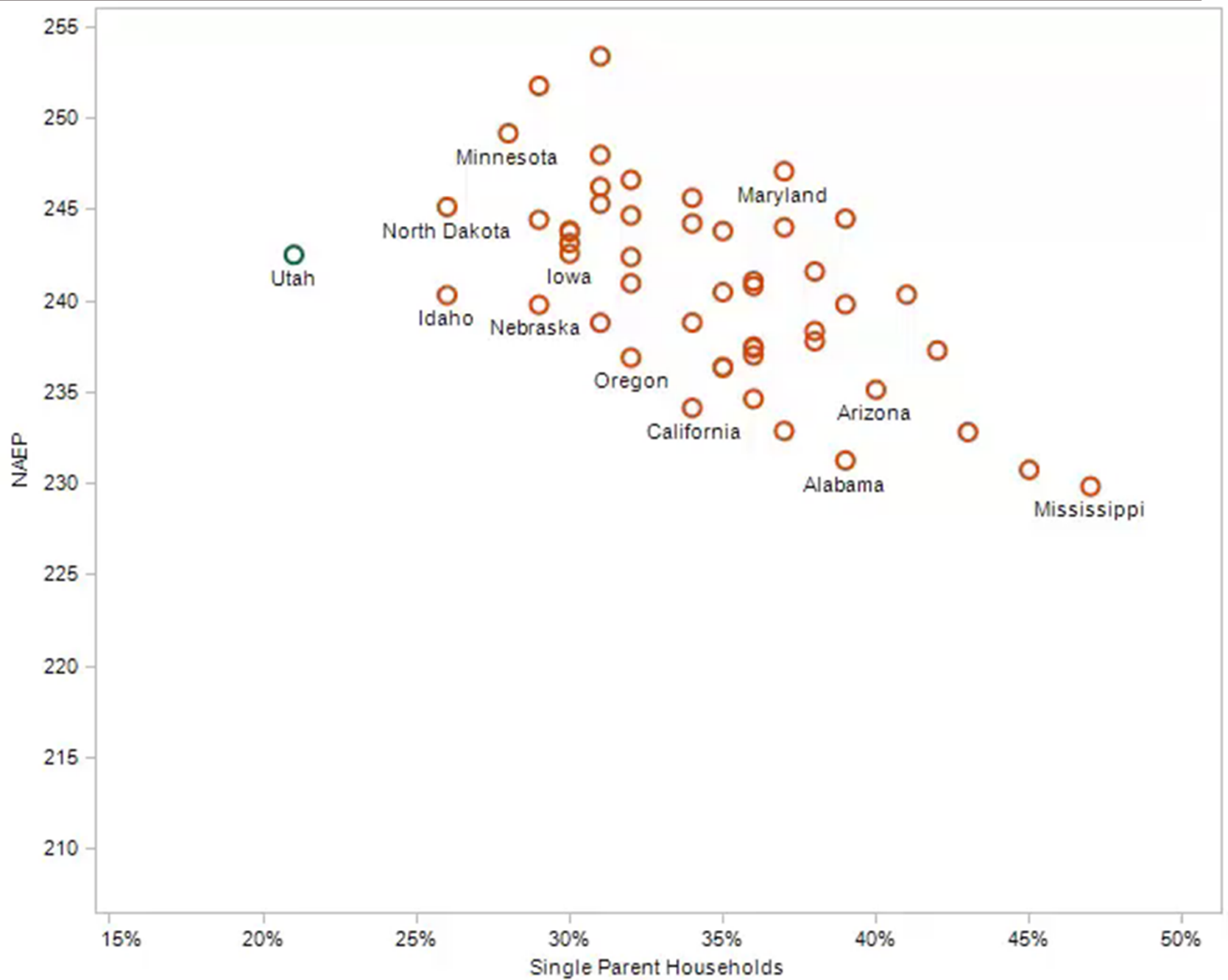
OLDS

SINGLE PARENT HOUSEHOLD (%)

Single Parent Household to Achievement



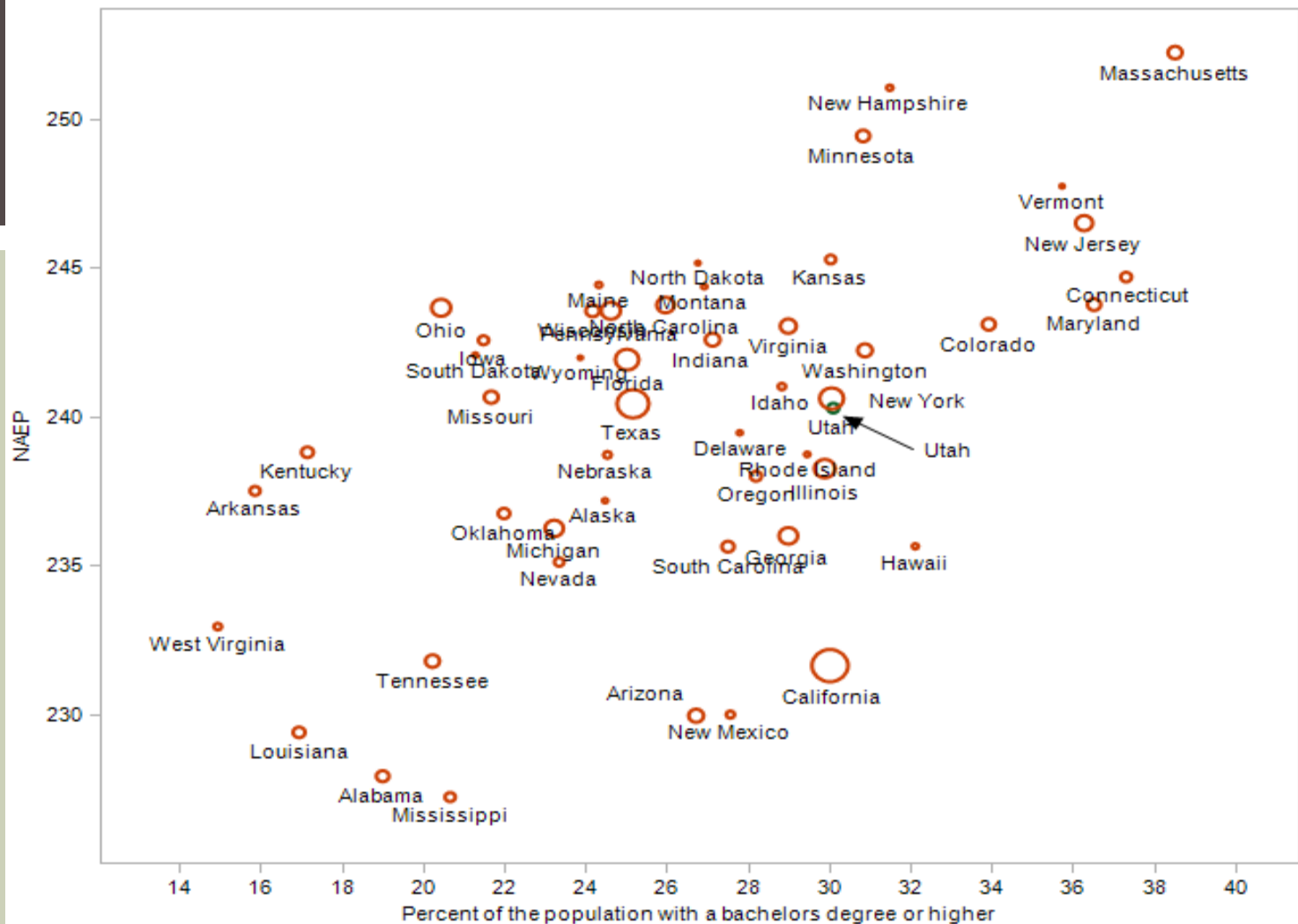
# SINGLE PARENT HOUSEHOLDS (%), CHANGE OVER TIME OLDS ME



ENT

EDUCATIONAL ATTAINMENT (%)

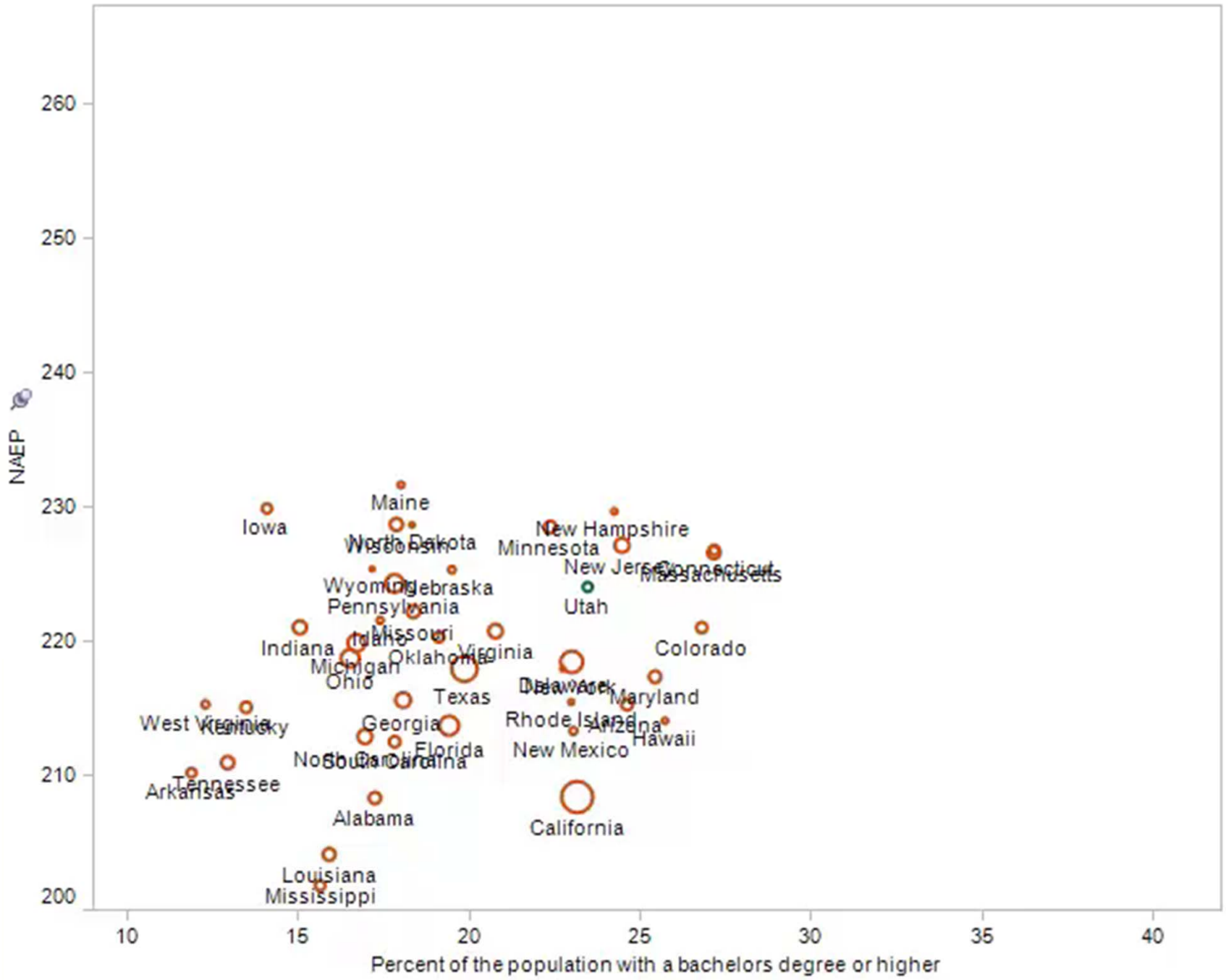
Educational Attainment by Achievement



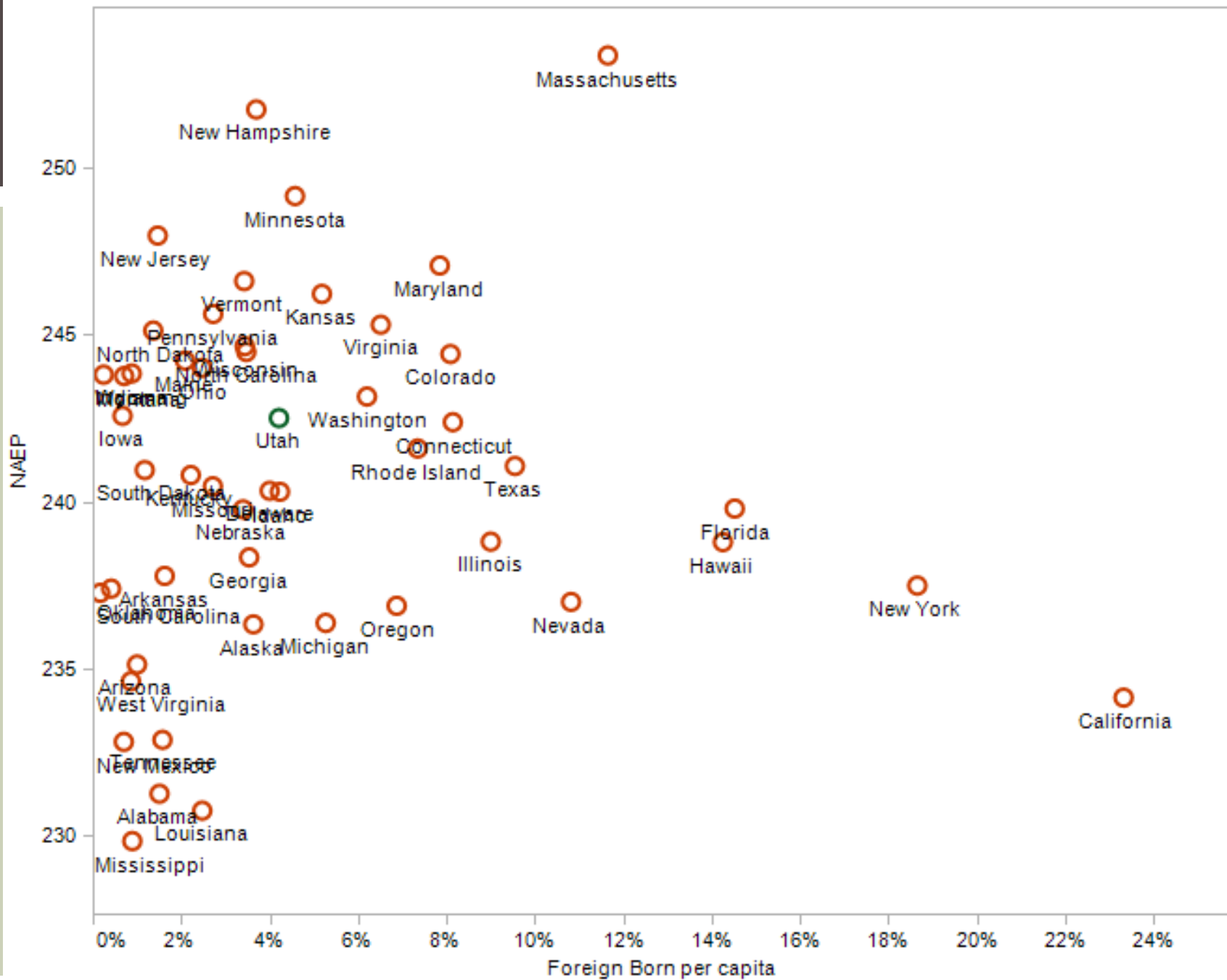
Student Enrollment

- 352,620
- 5,000,000
- 10,000,000
- 15,000,000
- 20,000,000
- 25,053,796

# EDUCATIONAL ATTAINMENT (%)



Foreign Born to Achievement



FOREIGN BORN (%)

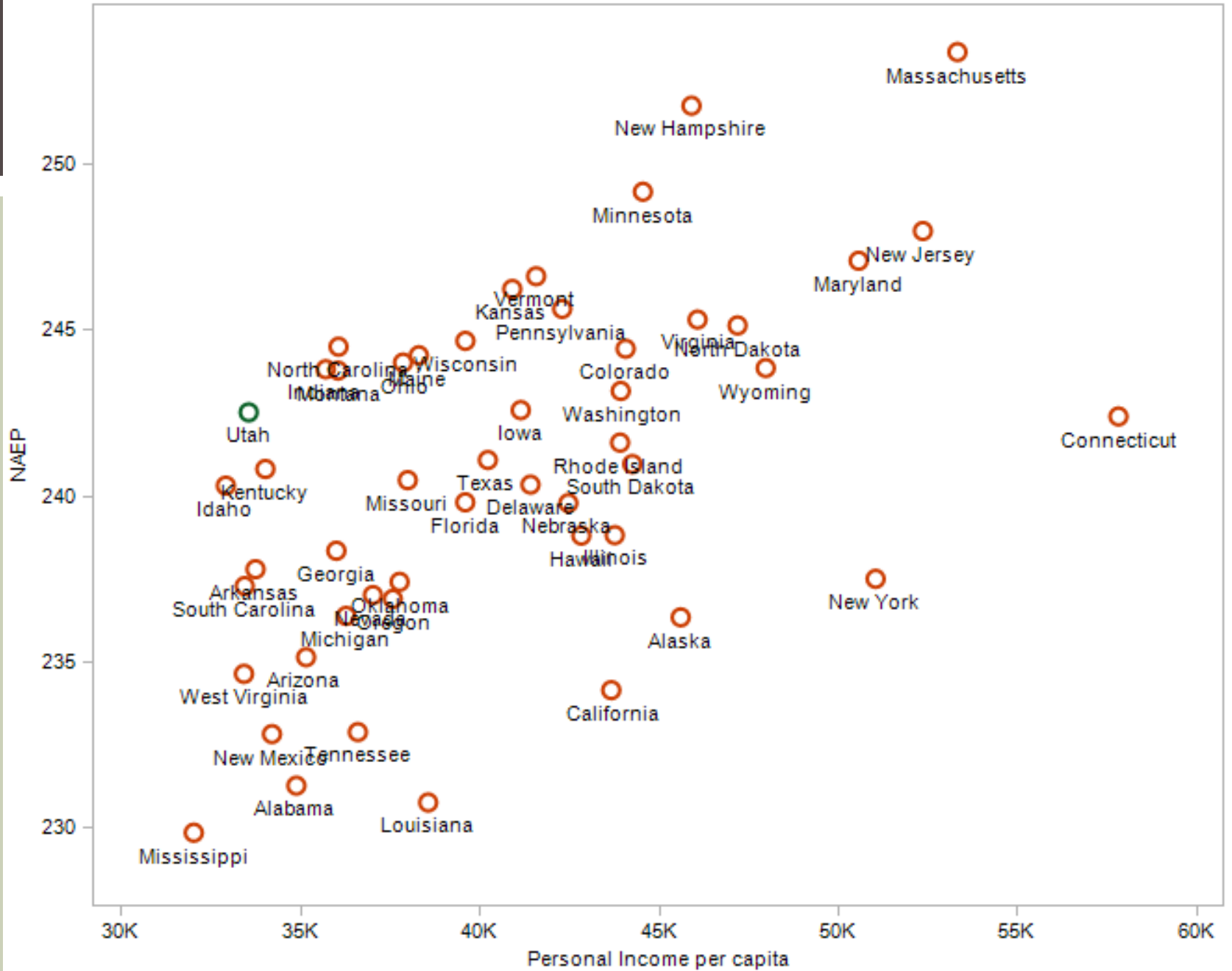


ER

PERSONAL INCOME PER

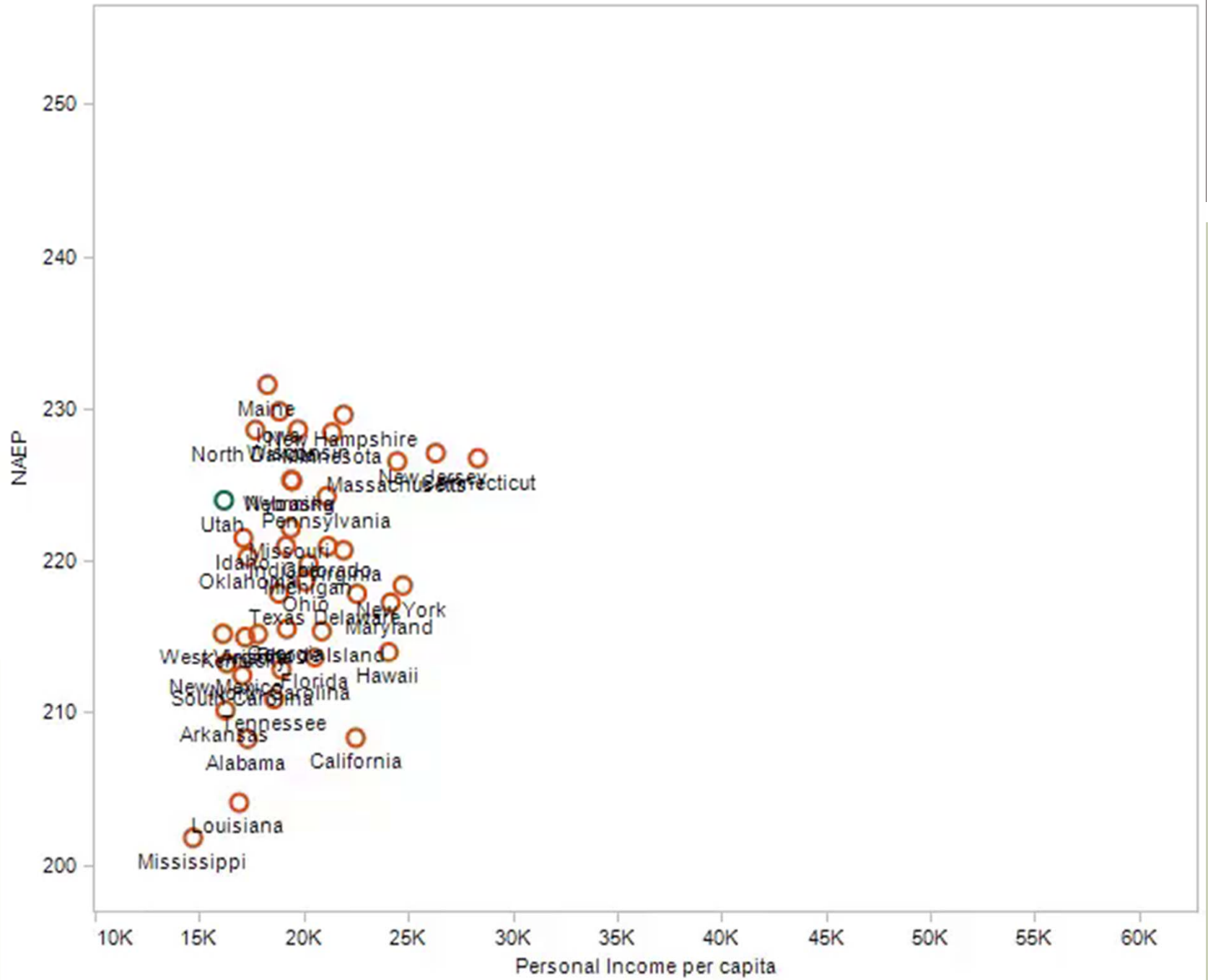
CAPITA

Personal Income per Capita to Achievement



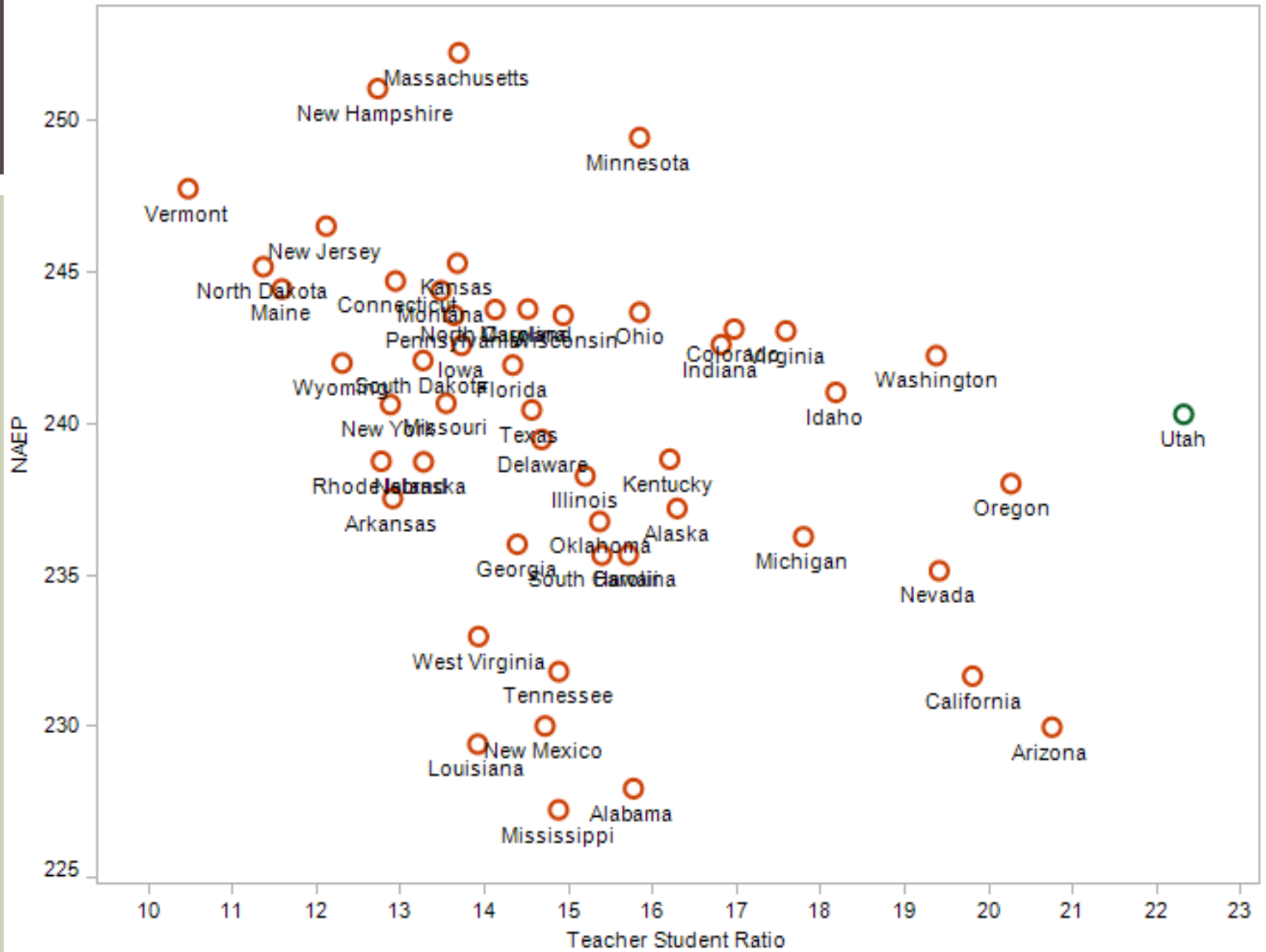
ER

PERSONAL INCOME PER  
CAPITA

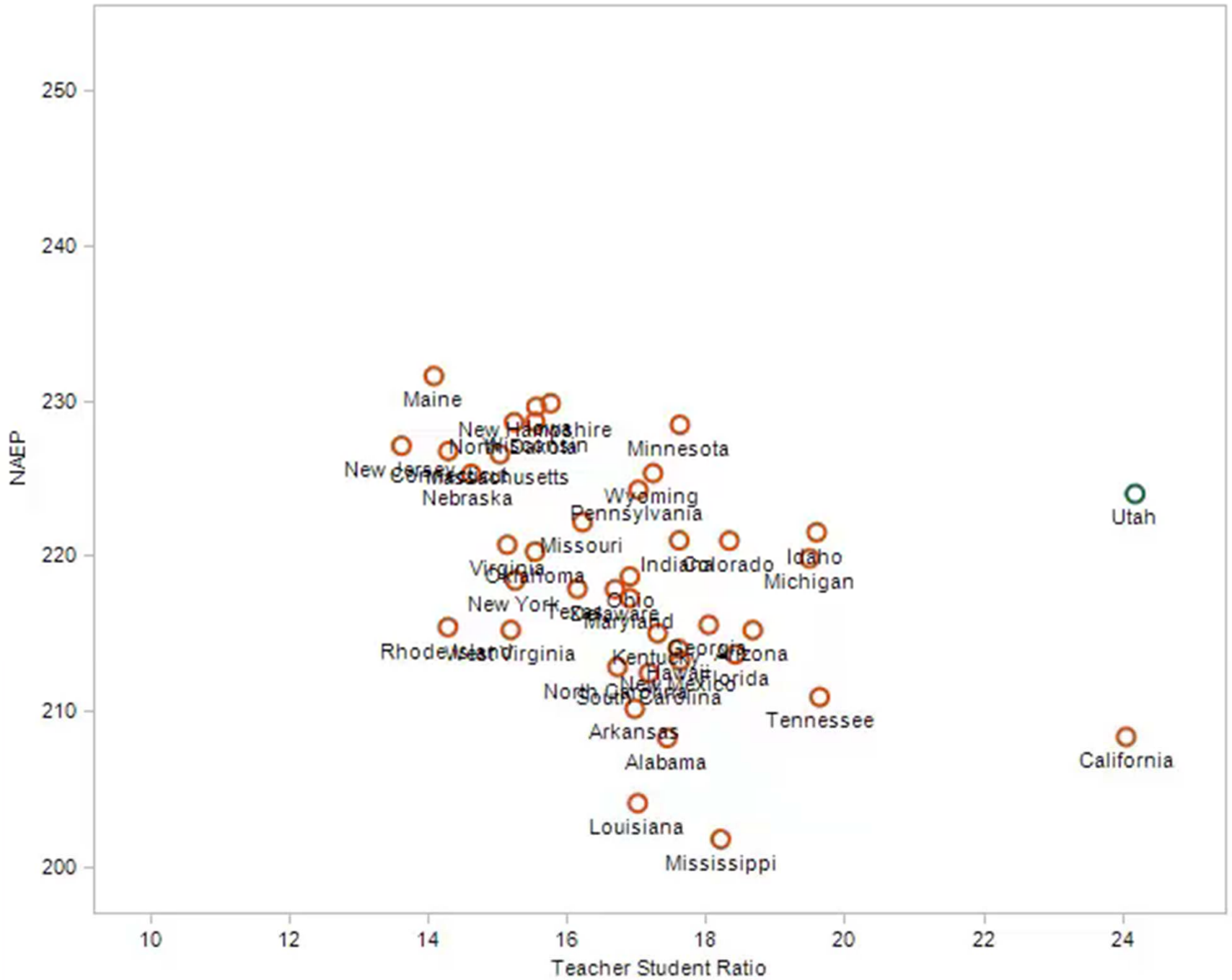


# TEACHER TO STUDENT RATIO

## Teacher to Student Ratio, 2009

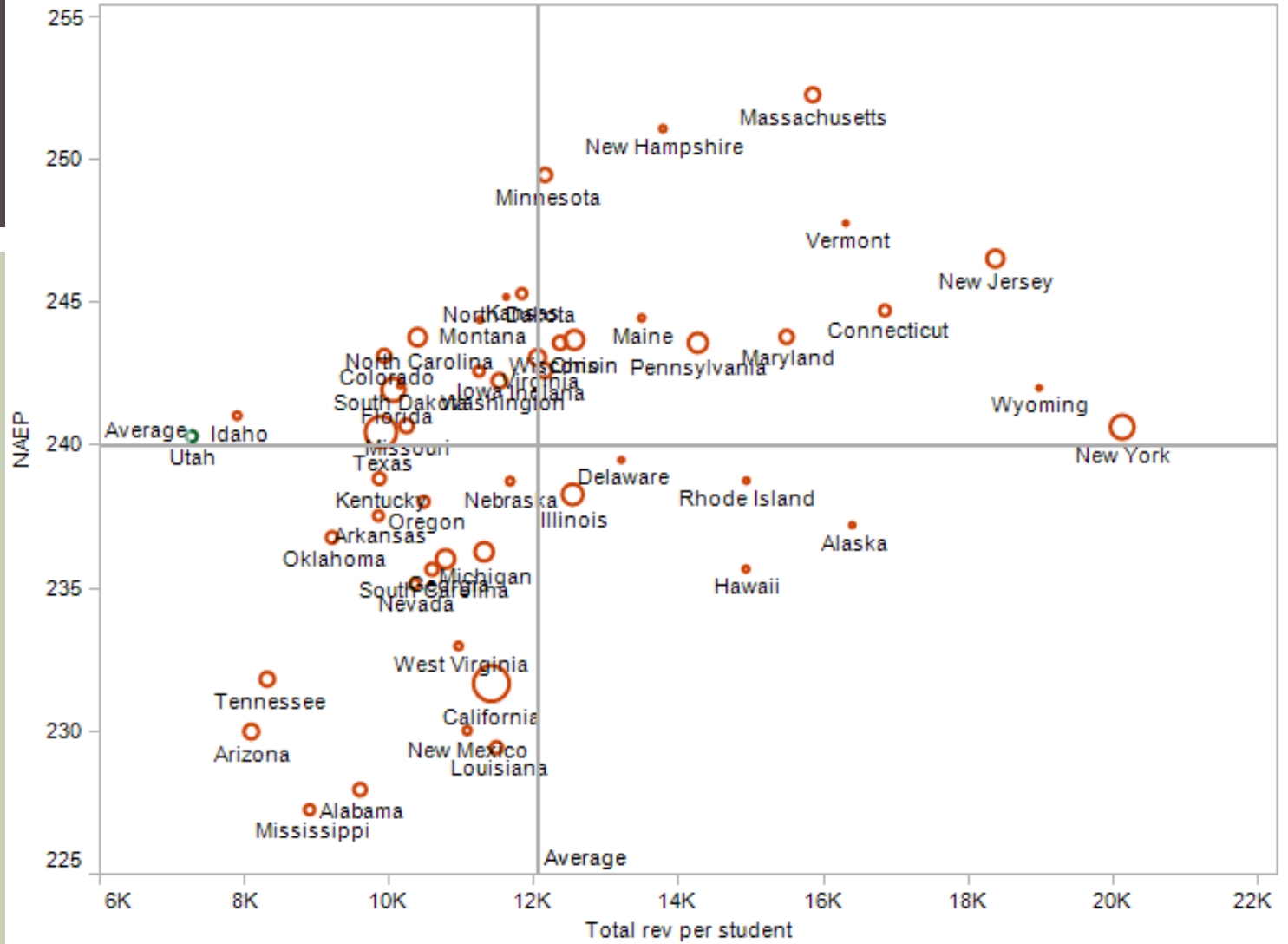


# TEACHER TO STUDENT RATIO



# NAEP SCORES

All Revenue per Student by NAEP scores

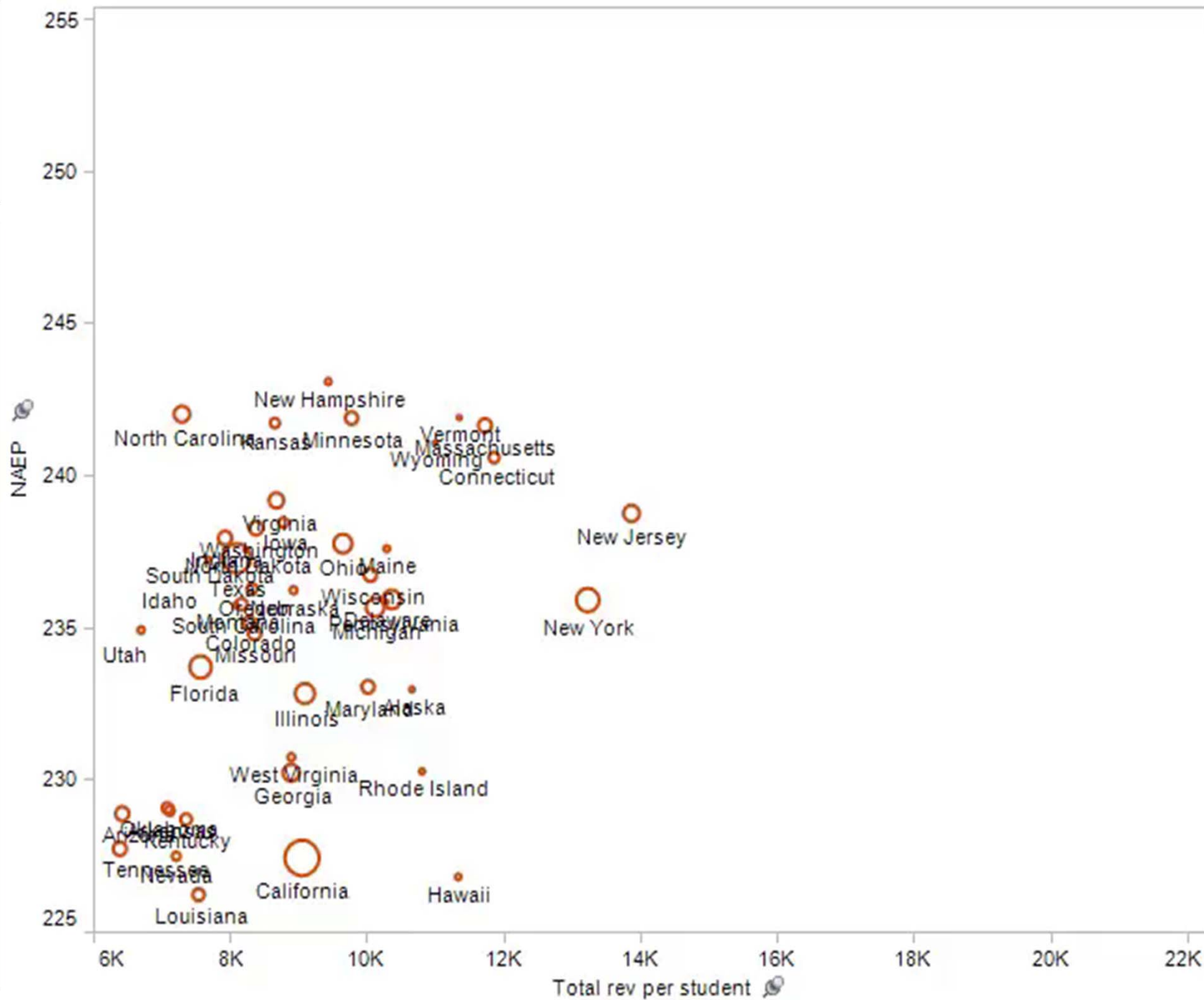


Source: NAEP, Moody's Economy.com, LFA

**Number of Public Ed Students**

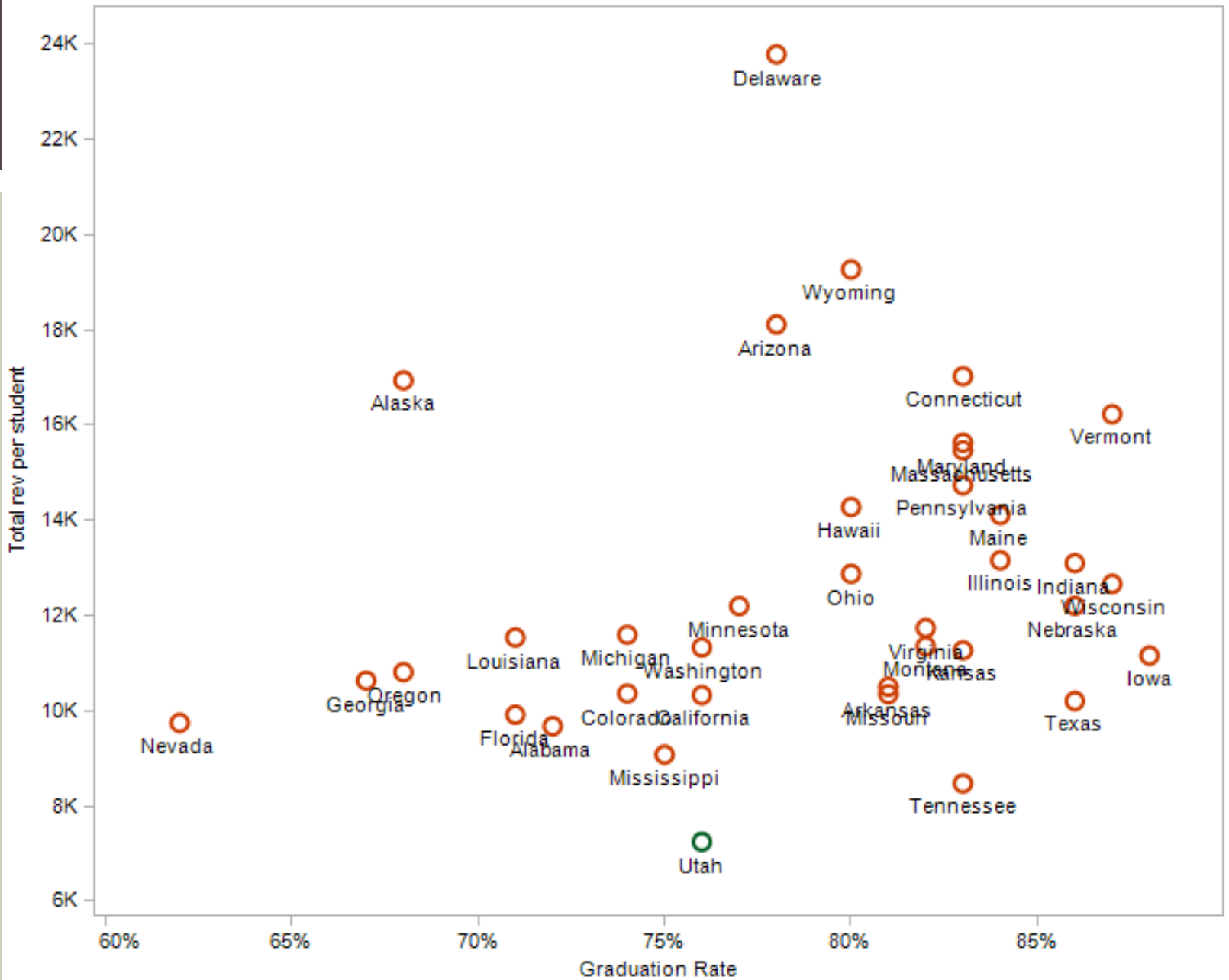
- 88,155
- 2,000,000
- 4,000,000
- 6,263,449

# NAEP SCORES



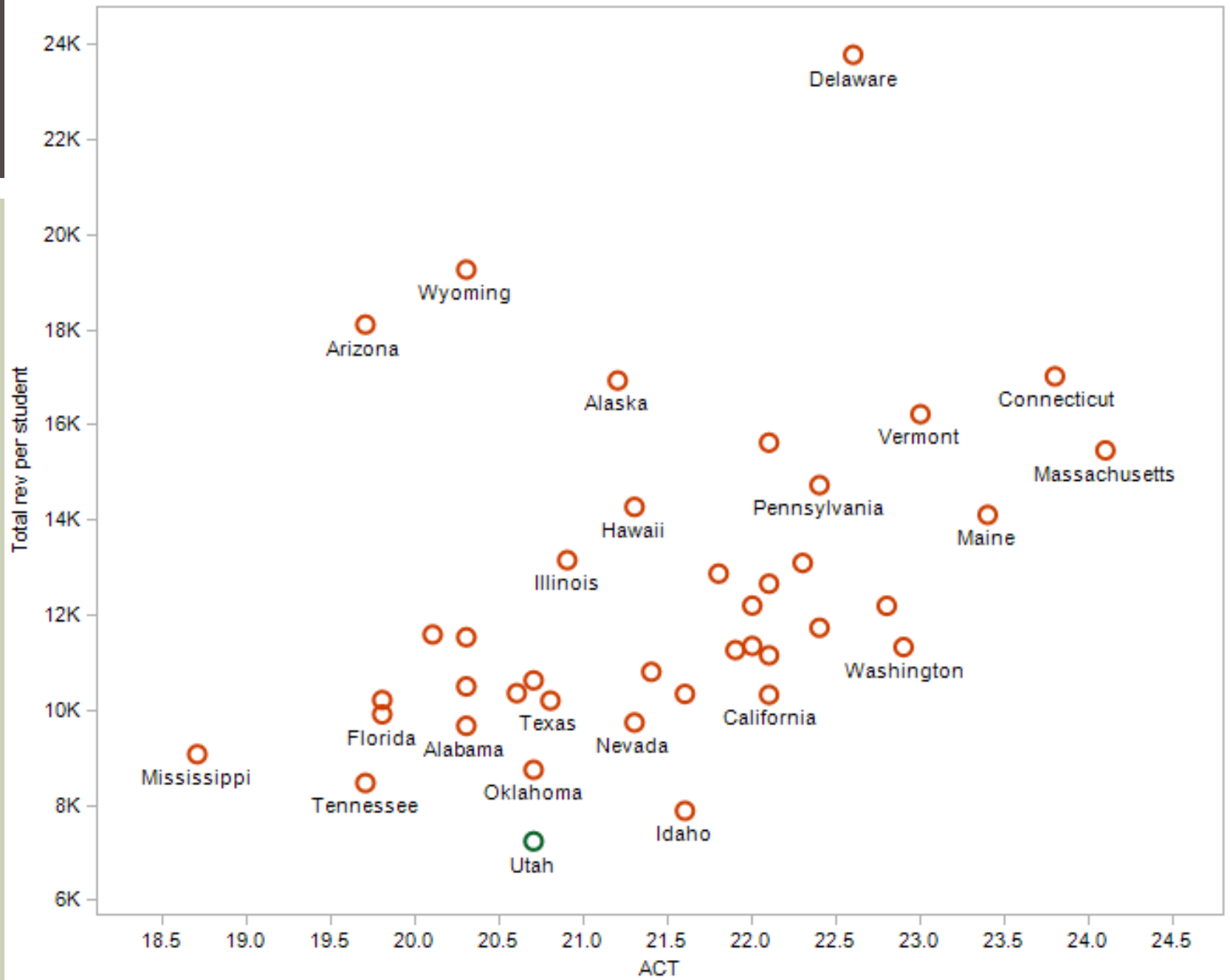
# SPENDING TO GRADUATION

## All Revenue to Graduation



# SPENDING TO ACT

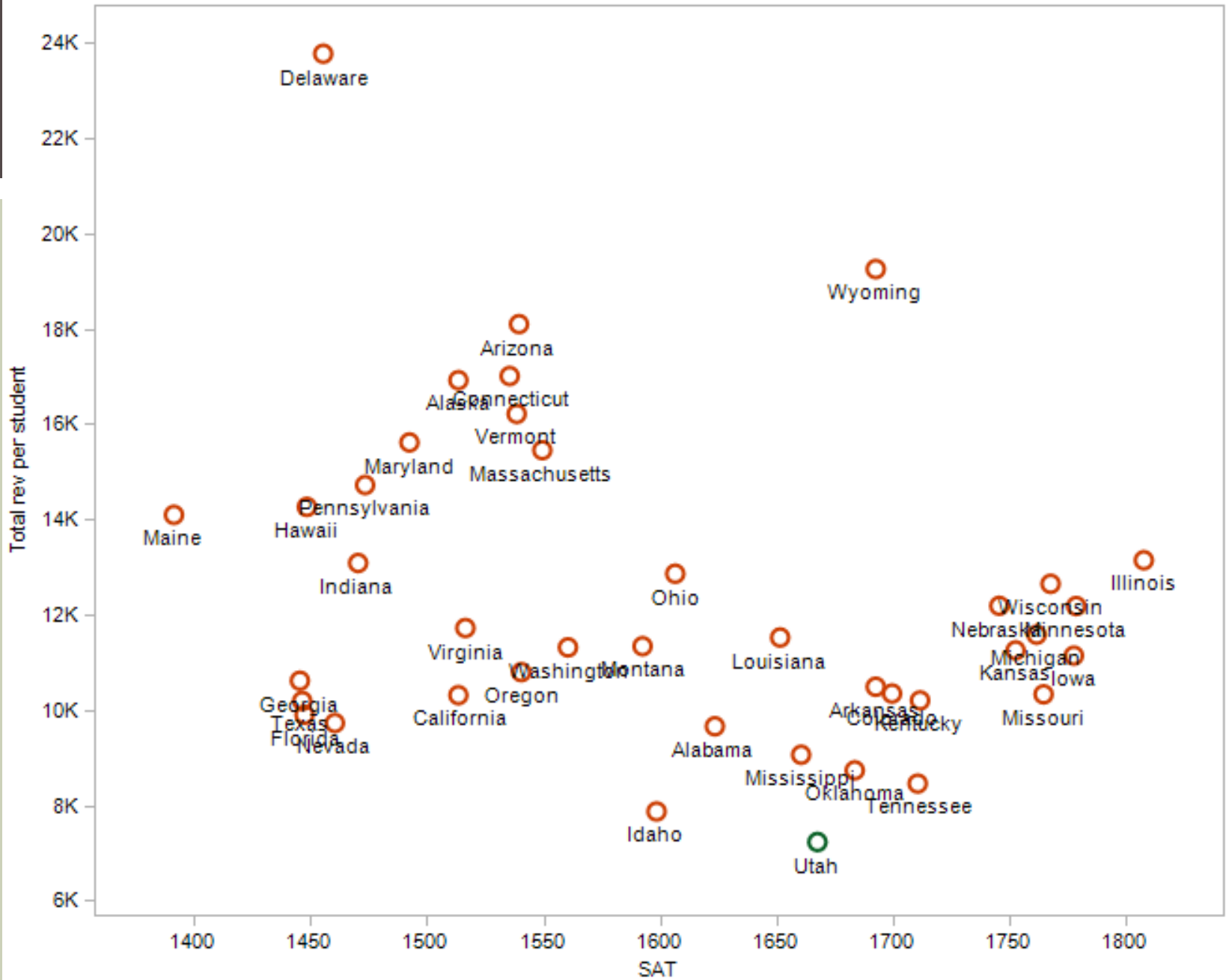
## All Revenue to ACT





# SPENDING TO SAT

## All Revenue to SAT



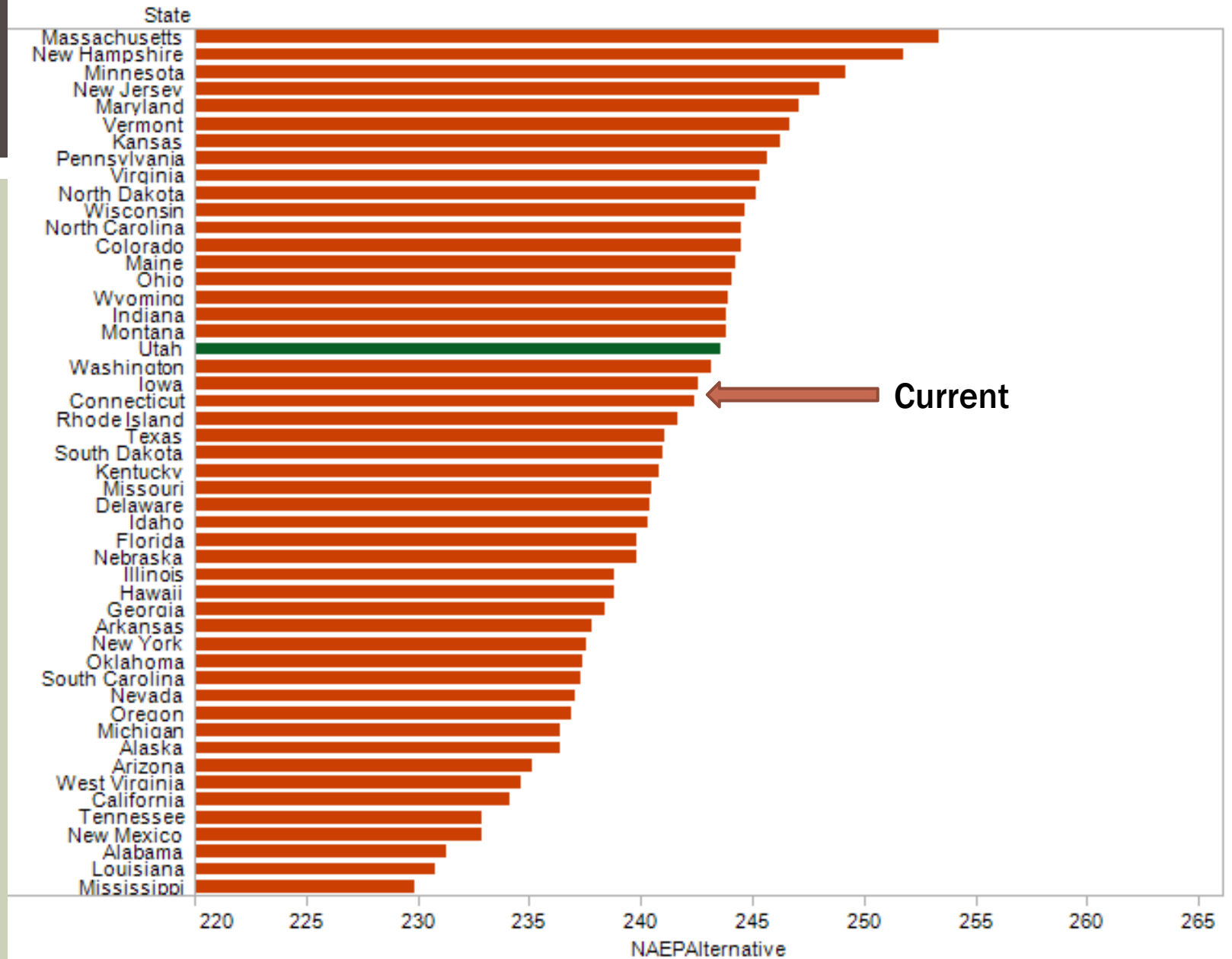
# RANDOM EFFECTS PANEL REGRESSION RESULTS

- Educational attainment: 0.2867 (every % increase in percentage of adults with bachelors degree represents a 0.2867 increase in NAEP scores;
- Teacher – student ratio: -0.3534 (not statistically significant)
- Federal revenue per student: 0.0018 (not statistically significant)
- State revenue per student: 0.0007 (about \$900 million to increase NAEP scores 1 point)
- Local revenue per student: 0.0006 (about \$1 billion to increase NAEP scores 1 point)
- Single parents: -17.9258 (every % of households headed by a single parent decreases the score by almost 18 points)
- Foreign born: -0.0011 (every percentage increase in foreign born population decreases expected NAEP score by 0.001)
- Absent these factors, expected score is: 218.74

LLION

NAEP SCORE WITH \$1 B

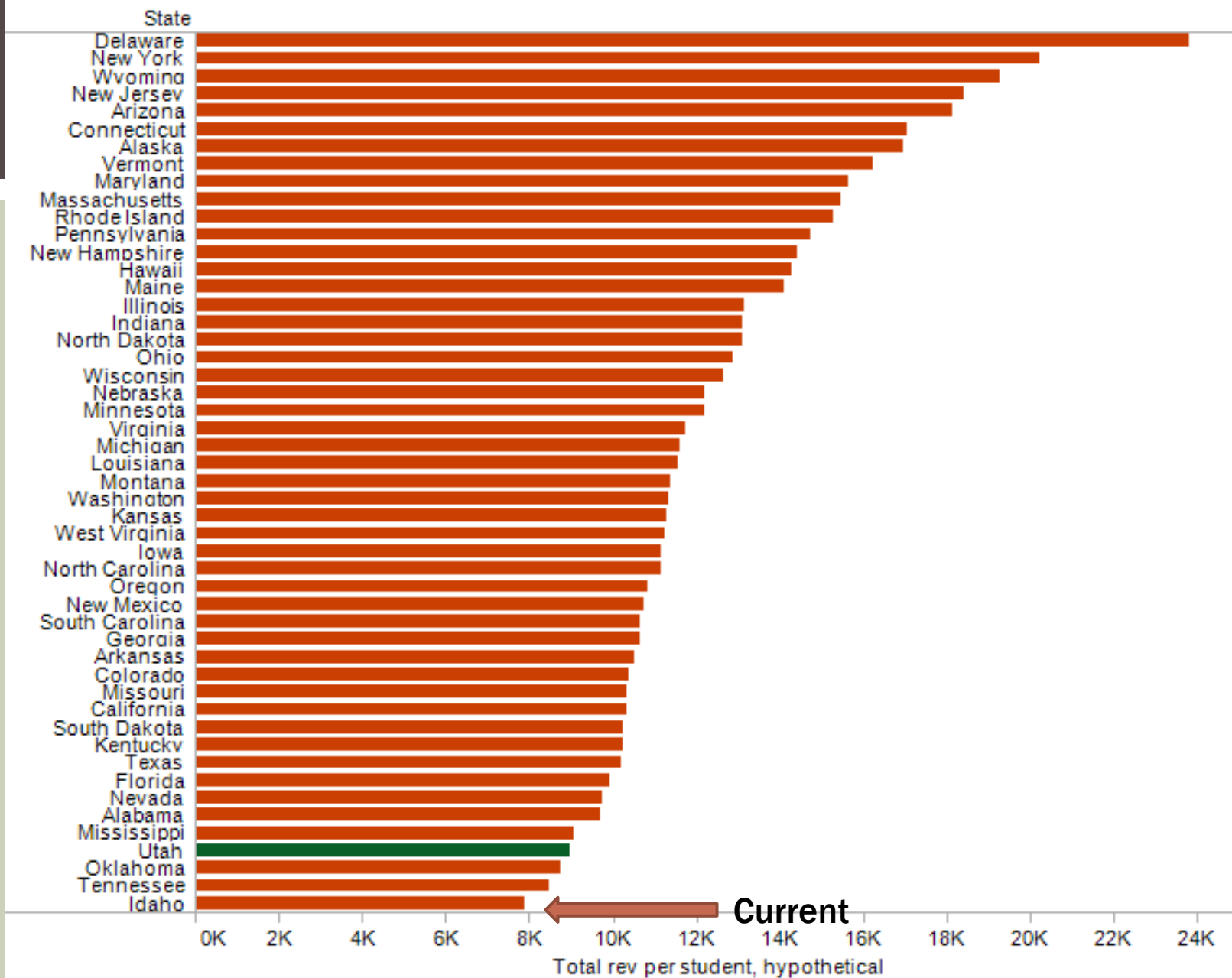
NAEP Scores, with \$1 billion



Source: Census Bureau

# All Sources per Student +\$1 B

ALL REVENUE PER STUDENT

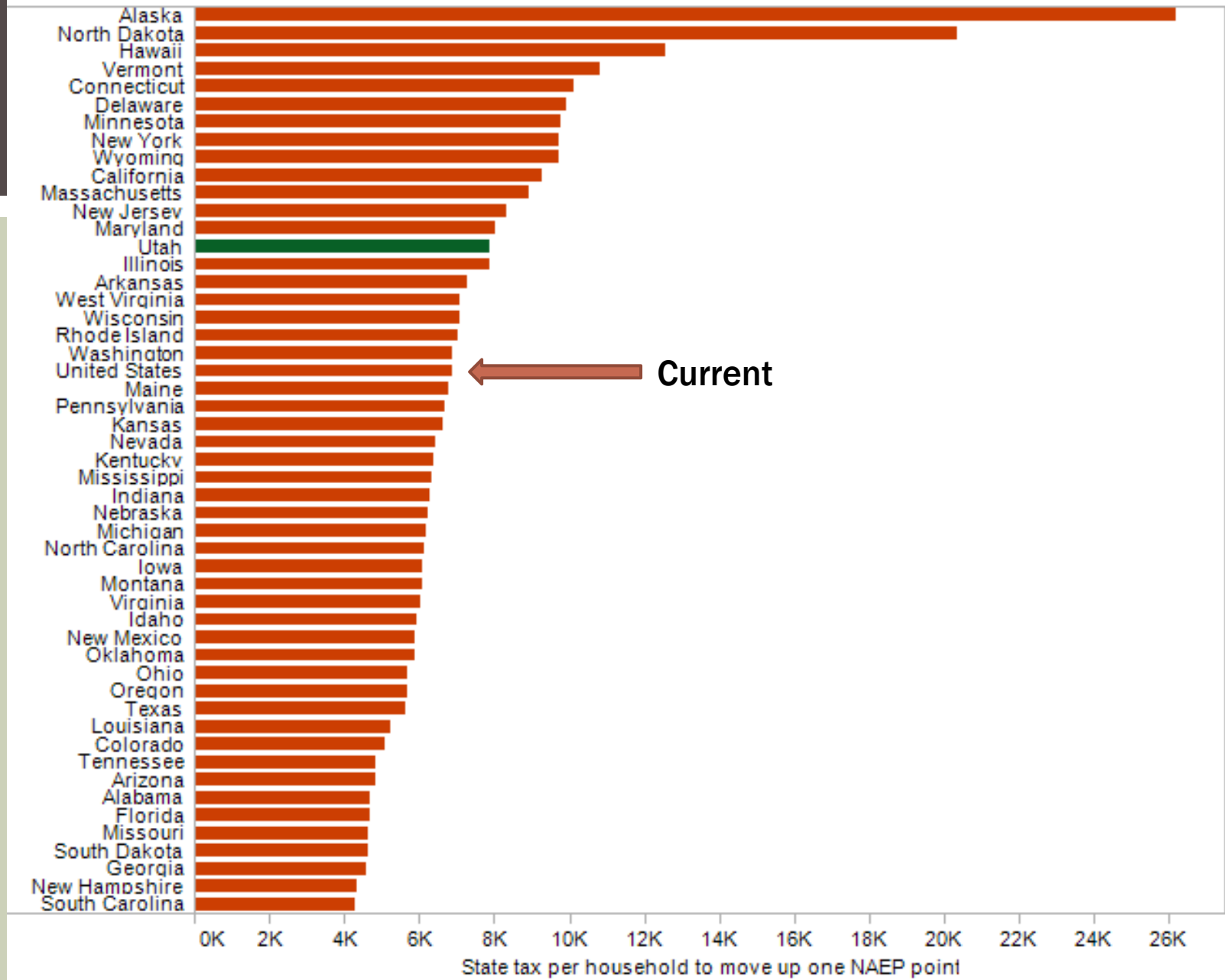


Source: Census Bureau

TO  
SCORE

TAX PER HOUSEHOLD  
MOVE UP ONE NAEP SCORE

Tax per household to move up 1 NAEP point

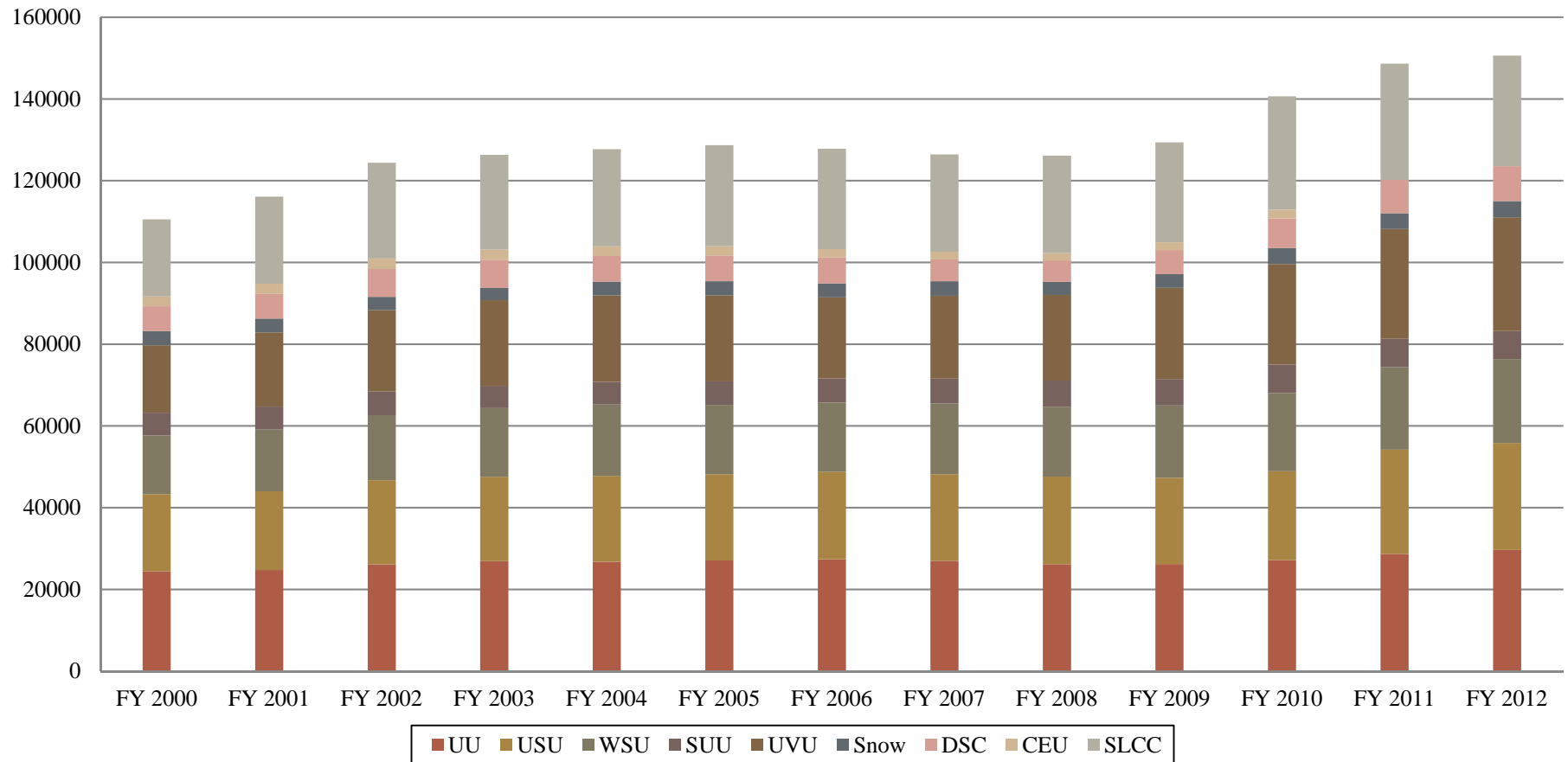


Sources: Moody's, Census, LFA

# HIGHER ED INPUTS

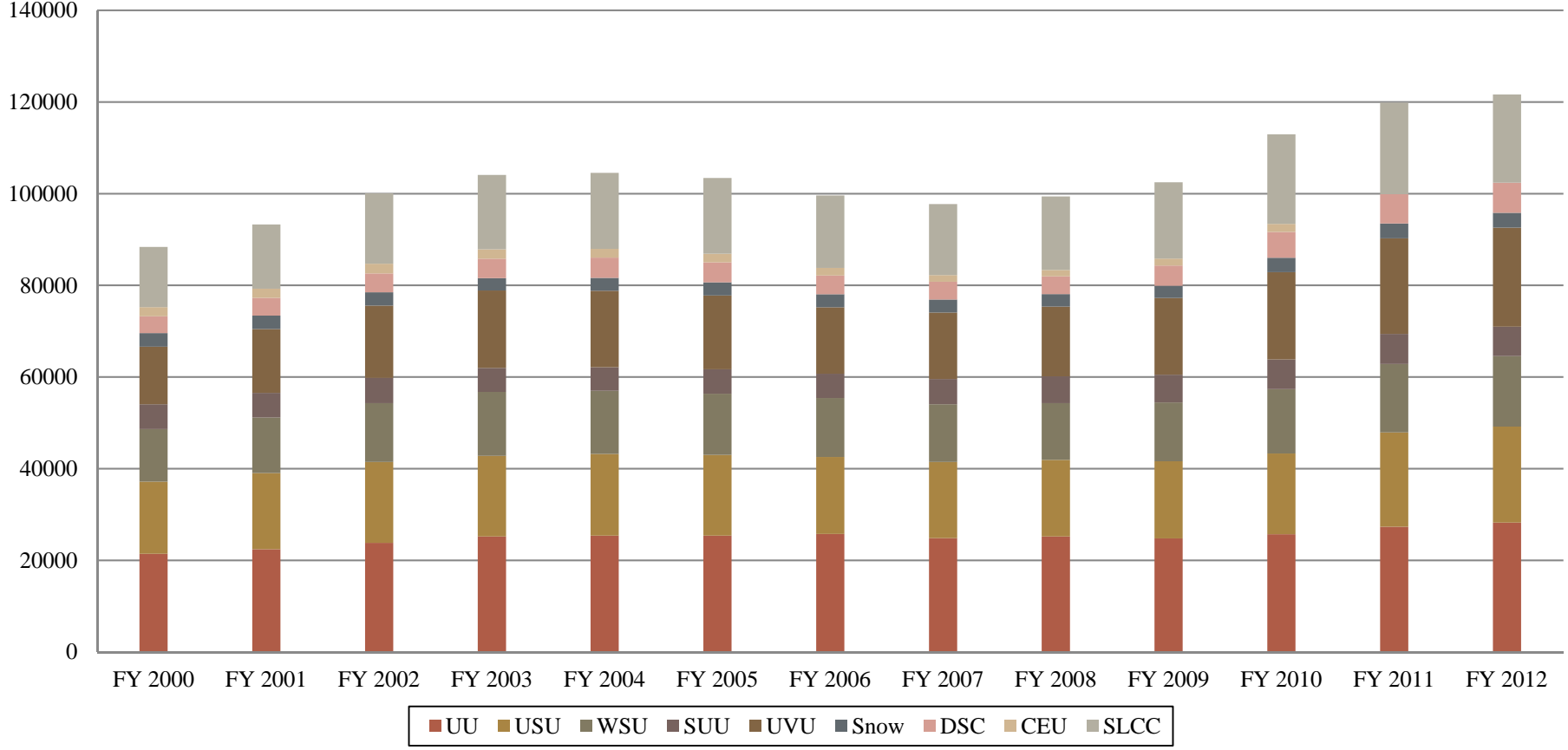
# USHE FALL THIRD WEEK HEADCOUNT

**Student Enrollment  
Fall 3rd Week Headcount  
Utah System of Higher Education**



# USHE ANNUALIZED FTE STUDENTS

**Student Enrollment  
Annualized Budget-Related FTEs  
Utah System of Higher Education**





# UCAT STUDENT HEADCOUNT

## STUDENT HEADCOUNT HISTORY

		FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Inc. FY 11 to FY 12
BATC	High Scho	2,334	1,874	2,339	1,949	1,950	2,114	1,976	1,988	1,957	1,686	(271)
	Adult	9,170	5,416	4,844	5,617	5,019	5,396	5,746	5,537	5,151	4,891	(260)
	<b>TOTAL</b>	<b>11,504</b>	<b>7,290</b>	<b>7,183</b>	<b>7,566</b>	<b>6,969</b>	<b>7,510</b>	<b>7,722</b>	<b>7,525</b>	<b>7,108</b>	<b>6,577</b>	<b>(531)</b>
DATC	High Scho	2,751	2,131	2,495	1,987	1,929	1,968	1,703	1,990	1,661	1,375	(286)
	Adult	7,637	3,319	3,767	3,847	4,943	5,215	5,774	6,647	6,661	6,204	(457)
	<b>TOTAL</b>	<b>10,388</b>	<b>5,450</b>	<b>6,262</b>	<b>5,834</b>	<b>6,872</b>	<b>7,183</b>	<b>7,477</b>	<b>8,637</b>	<b>8,322</b>	<b>7,579</b>	<b>(743)</b>
DXATC	High Scho	418	384	423	523	591	642	786	473	522	843	321
	Adult	221	471	383	1,069	1,526	2,208	4,275	5,368	6,017	5,836	(181)
	<b>TOTAL</b>	<b>639</b>	<b>855</b>	<b>806</b>	<b>1,592</b>	<b>2,117</b>	<b>2,850</b>	<b>5,061</b>	<b>5,841</b>	<b>6,539</b>	<b>6,679</b>	<b>140</b>
MATC	High Scho	1,988	1,969	2,637	1,889	1,813	1,881	1,868	1,326	1,284	1,349	65
	Adult	9,013	4,911	6,751	5,870	4,396	3,676	3,984	4,127	3,449	2,702	(747)
	<b>TOTAL</b>	<b>11,001</b>	<b>6,880</b>	<b>9,388</b>	<b>7,759</b>	<b>6,209</b>	<b>5,557</b>	<b>5,852</b>	<b>5,453</b>	<b>4,733</b>	<b>4,051</b>	<b>(682)</b>
OWATC	High Scho	2,334	2,038	2,489	2,502	2,571	2,277	2,178	1,514	1,360	1,293	(67)
	Adult	7,697	5,200	5,400	5,759	6,443	6,772	6,112	4,455	4,232	4,066	(166)
	<b>TOTAL</b>	<b>10,031</b>	<b>7,238</b>	<b>7,889</b>	<b>8,261</b>	<b>9,014</b>	<b>9,049</b>	<b>8,290</b>	<b>5,969</b>	<b>5,592</b>	<b>5,359</b>	<b>(233)</b>
SLTATC	High Scho	1,095	527	593	377	266	351	333				0
	Adult	1,491	1,219	732	1,094	1,178	1,583	1,532				0
	<b>TOTAL</b>	<b>2,586</b>	<b>1,746</b>	<b>1,325</b>	<b>1,471</b>	<b>1,444</b>	<b>1,934</b>	<b>1,865</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
SEATC	High Scho	417	350	468	379	382						0
	Adult	2,197	944	1,883	1,528	1,493						0
	<b>TOTAL</b>	<b>2,614</b>	<b>1,294</b>	<b>2,351</b>	<b>1,907</b>	<b>1,875</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
SWATC	High Scho	1,028	995	854	993	1,171	1,080	967	763	1,048	880	(168)
	Adult	1,894	669	660	816	687	1,393	962	1,796	945	1,035	90
	<b>TOTAL</b>	<b>2,922</b>	<b>1,664</b>	<b>1,514</b>	<b>1,809</b>	<b>1,858</b>	<b>2,473</b>	<b>1,929</b>	<b>2,559</b>	<b>1,993</b>	<b>1,915</b>	<b>(78)</b>
TATC	High School								59	26	31	5
	Adult								335	424	413	(11)
	<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>394</b>	<b>450</b>	<b>444</b>	<b>(6)</b>
UBATC	High Scho	1,281	1,212	1,473	1,472	1,655	1,488	1,591	1,604	1,553	1,399	(154)
	Adult	3,039	1,234	1,654	2,222	3,336	3,519	4,127	4,542	5,202	5,374	172
	<b>TOTAL</b>	<b>4,320</b>	<b>2,446</b>	<b>3,127</b>	<b>3,694</b>	<b>4,991</b>	<b>5,007</b>	<b>5,718</b>	<b>6,146</b>	<b>6,755</b>	<b>6,773</b>	<b>18</b>
TOTALS	High Scho	13,646	11,480	13,771	12,071	12,328	11,801	11,402	9,717	9,411	8,856	(555)
	Adult	42,359	23,383	26,074	27,822	29,021	29,762	32,512	32,807	32,081	30,521	(1,560)
	<b>TOTAL</b>	<b>56,005</b>	<b>34,863</b>	<b>39,845</b>	<b>39,893</b>	<b>41,349</b>	<b>41,563</b>	<b>43,914</b>	<b>42,524</b>	<b>41,492</b>	<b>39,377</b>	<b>(2,115)</b>

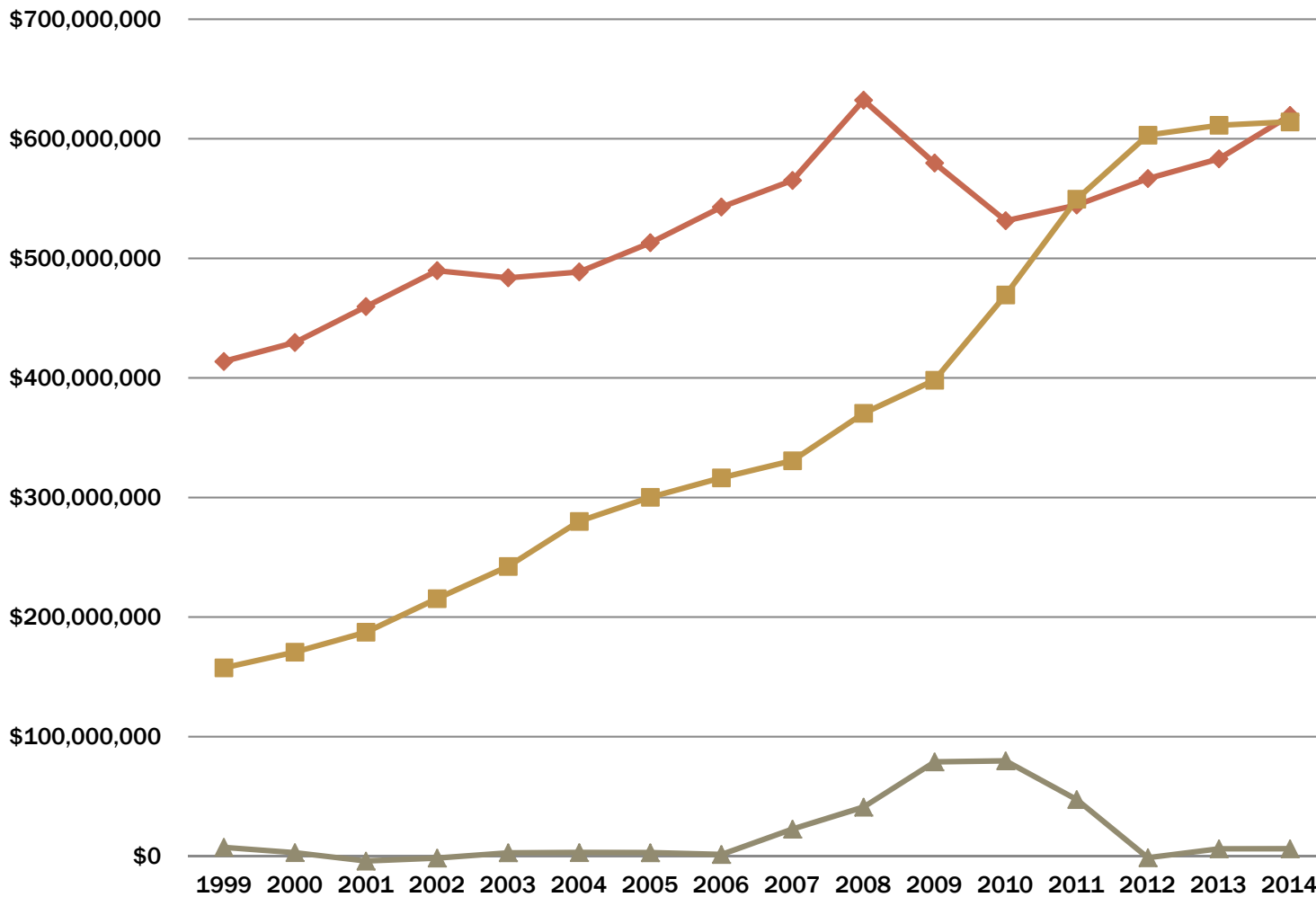
UCAT MEMBERSHIP HOUR HISTORY

UCAT MEMBERSHIP HOURS

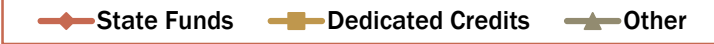
		FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	FY 12	Inc. FY 11 to FY 12
BATC	High Scho	350,325	288,381	274,445	297,415	306,072	328,019	308,027	295,861	269,475	241,527	(27,948)
	Adult	751,551	710,081	706,324	711,941	671,034	690,113	836,051	955,912	876,467	856,032	(20,435)
	TOTAL	1,101,876	998,462	980,769	1,009,356	977,106	1,018,132	1,144,078	1,251,773	1,145,942	1,097,559	(48,383)
DATC	High Scho	485,599	414,985	311,324	328,768	328,789	285,846	274,572	322,329	263,040	219,937	(43,103)
	Adult	710,554	751,509	804,252	813,776	797,062	812,335	995,020	1,302,707	1,445,298	1,314,258	(131,040)
	TOTAL	1,196,153	1,166,494	1,115,576	1,142,544	1,125,851	1,098,181	1,269,592	1,625,036	1,708,338	1,534,195	(174,143)
DXATC	High Scho	74,966	85,253	107,175	95,024	94,708	97,418	88,137	66,844	49,489	42,283	(7,206)
	Adult	46,581	39,625	36,016	85,535	99,592	106,560	159,895	212,623	222,336	225,640	3,304
	TOTAL	121,547	124,878	143,190	180,559	194,300	203,978	248,032	279,467	271,825	267,923	(3,902)
MATC	High Scho	380,511	390,225	399,936	413,192	433,843	472,994	477,456	347,806	345,932	377,467	31,535
	Adult	63,892	78,916	143,467	190,448	255,850	317,838	358,635	441,467	497,668	492,153	(5,515)
	TOTAL	444,404	469,141	543,403	603,640	689,693	790,832	836,091	789,273	843,600	869,620	26,020
OWATC	High Scho	316,726	274,214	305,378	323,162	326,664	309,079	329,901	253,378	237,415	223,573	(13,842)
	Adult	957,487	912,311	910,275	869,314	831,461	886,595	1,094,682	1,214,410	1,019,162	1,056,044	36,882
	TOTAL	1,274,213	1,186,525	1,215,653	1,192,476	1,158,125	1,195,674	1,424,583	1,467,788	1,256,577	1,279,617	23,040
SLTATC	High Scho	111,580	52,550	50,223	45,997	31,762	42,404	42,533				0
	Adult	84,463	166,610	152,705	209,905	219,604	223,469	237,504				0
	TOTAL	196,043	219,160	202,927	255,902	251,366	265,873	280,037	0	0	0	0
SEATC	High Scho	45,906	64,099	50,712	48,820	46,296						0
	Adult	55,099	82,550	120,153	90,247	75,948						0
	TOTAL	101,005	146,649	170,865	139,067	122,244	0	0	0	0	0	0
SWATC	High Scho	120,156	107,028	117,548	129,896	146,743	123,498	127,689	89,293	94,121	80,286	(13,835)
	Adult	145,208	104,428	117,976	120,184	122,301	210,600	168,228	184,081	202,904	217,300	14,396
	TOTAL	265,365	211,456	235,523	250,080	269,044	334,098	295,917	273,374	297,025	297,586	561
TATC	High School								10,759	3,627	4,995	1,368
	Adult								77,241	70,270	81,807	11,537
	TOTAL	0	0	0	0	0	0	0	88,000	73,897	86,802	12,905
UBATC	High Scho	222,191	216,576	246,270	264,623	280,002	260,249	279,152	291,573	265,037	273,605	8,568
	Adult	227,940	227,149	231,248	254,180	247,717	250,412	265,142	354,354	379,615	388,183	8,568
	TOTAL	450,131	443,725	477,518	518,803	527,719	510,661	544,294	645,927	644,652	661,788	17,136
TOTALS	High Scho	2,107,960	1,893,310	1,863,010	1,946,897	1,994,879	1,919,507	1,927,467	1,677,843	1,528,136	1,463,673	(64,463)
	Adult	3,042,777	3,073,179	3,222,415	3,345,530	3,320,569	3,497,922	4,115,157	4,742,795	4,713,720	4,631,417	(82,303)
	TOTAL	5,150,737	4,966,489	5,085,425	5,292,427	5,315,448	5,417,429	6,042,624	6,420,638	6,241,856	6,095,090	(146,766)

USHE FUNDING HISTORY

Utah System of Higher Education  
Education & General and similar  
Funding History

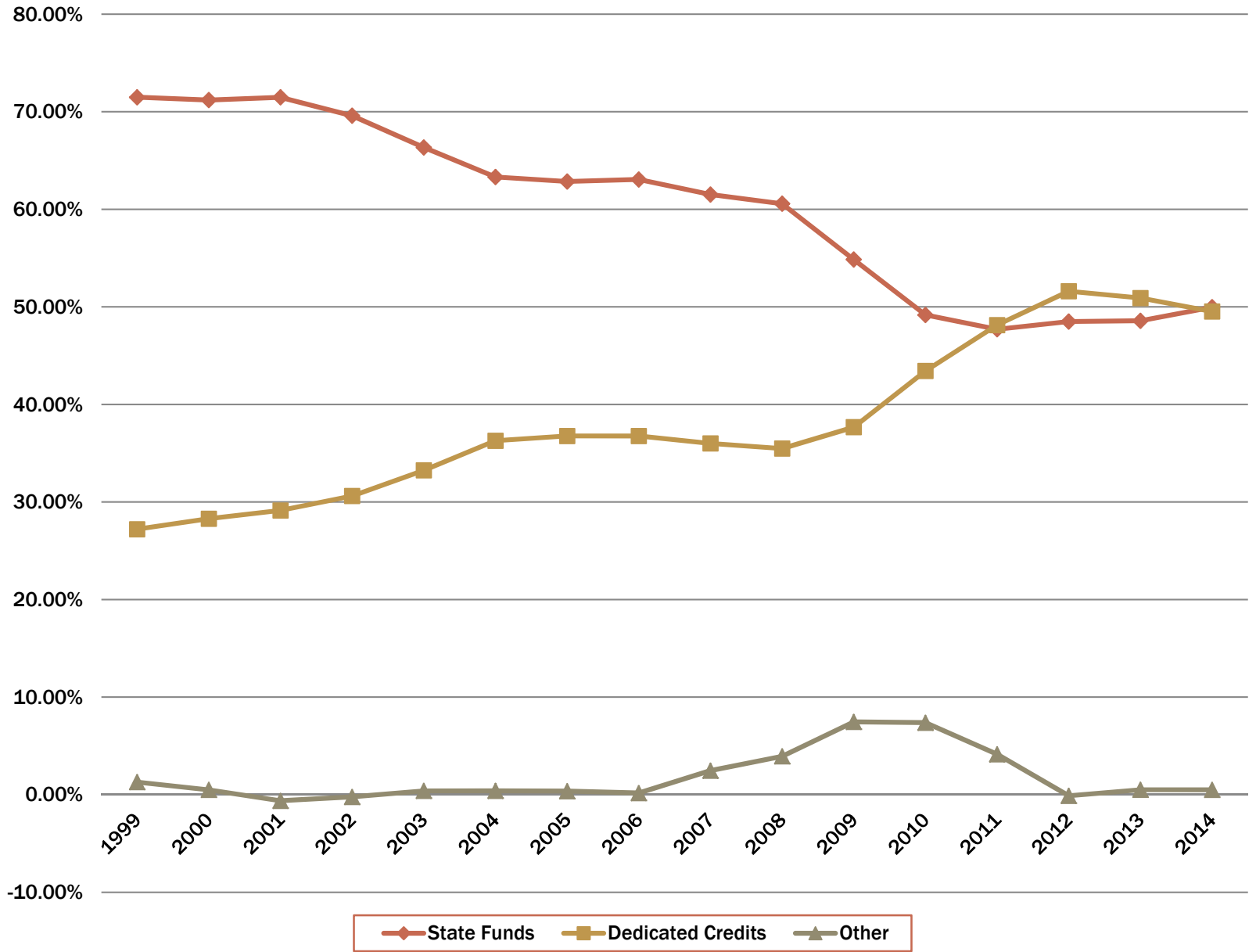


(\$100,000,000)



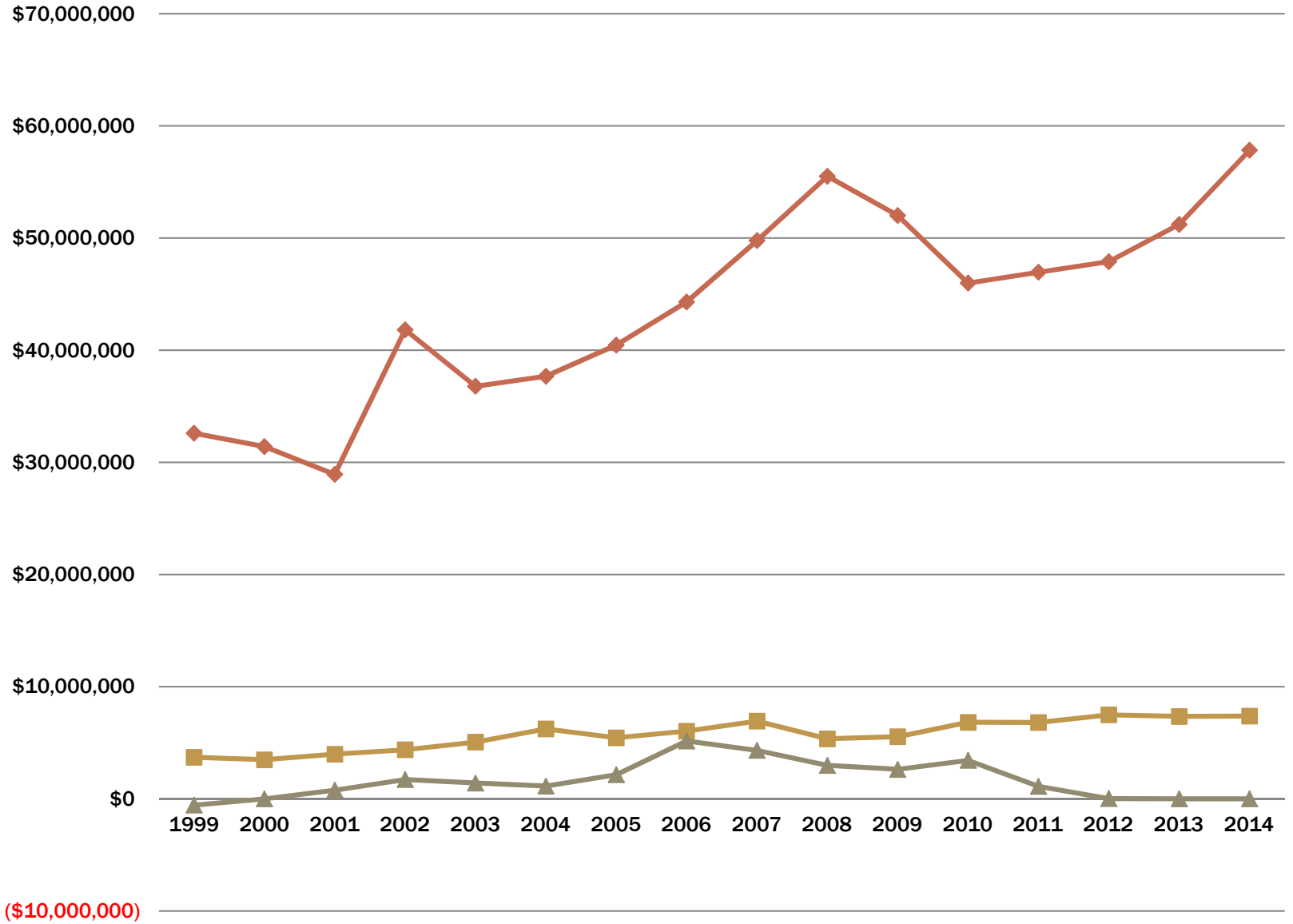
USHE FUNDING HISTORY

### Utah System of Higher Education Funding History



UCAT FUNDING HISTORY

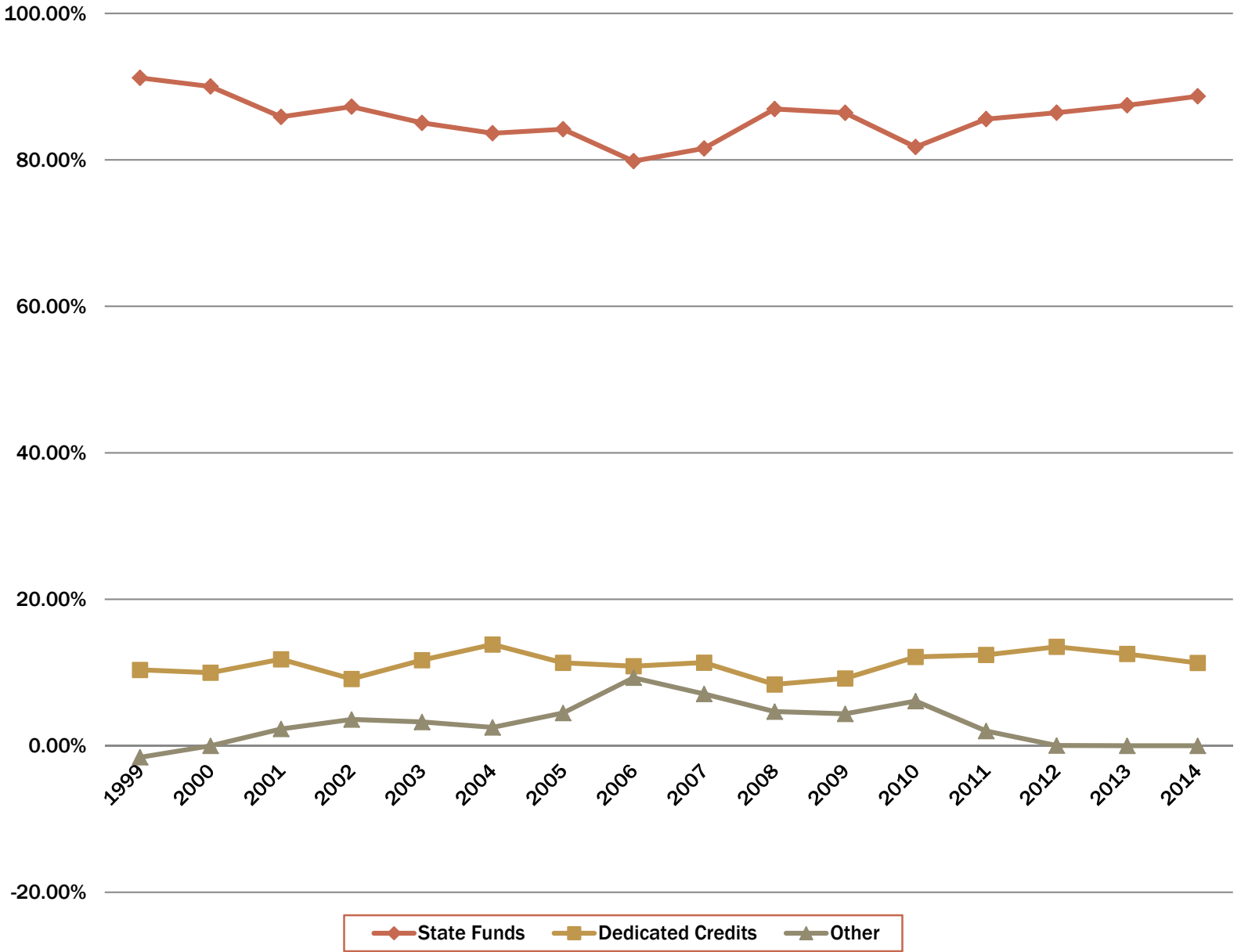
Utah College of Applied Technology  
Funding History



◆ State Funds    ■ Dedicated Credits    ▲ Other

UCAT FUNDING HISTORY

Utah College of Applied Technology  
Funding History

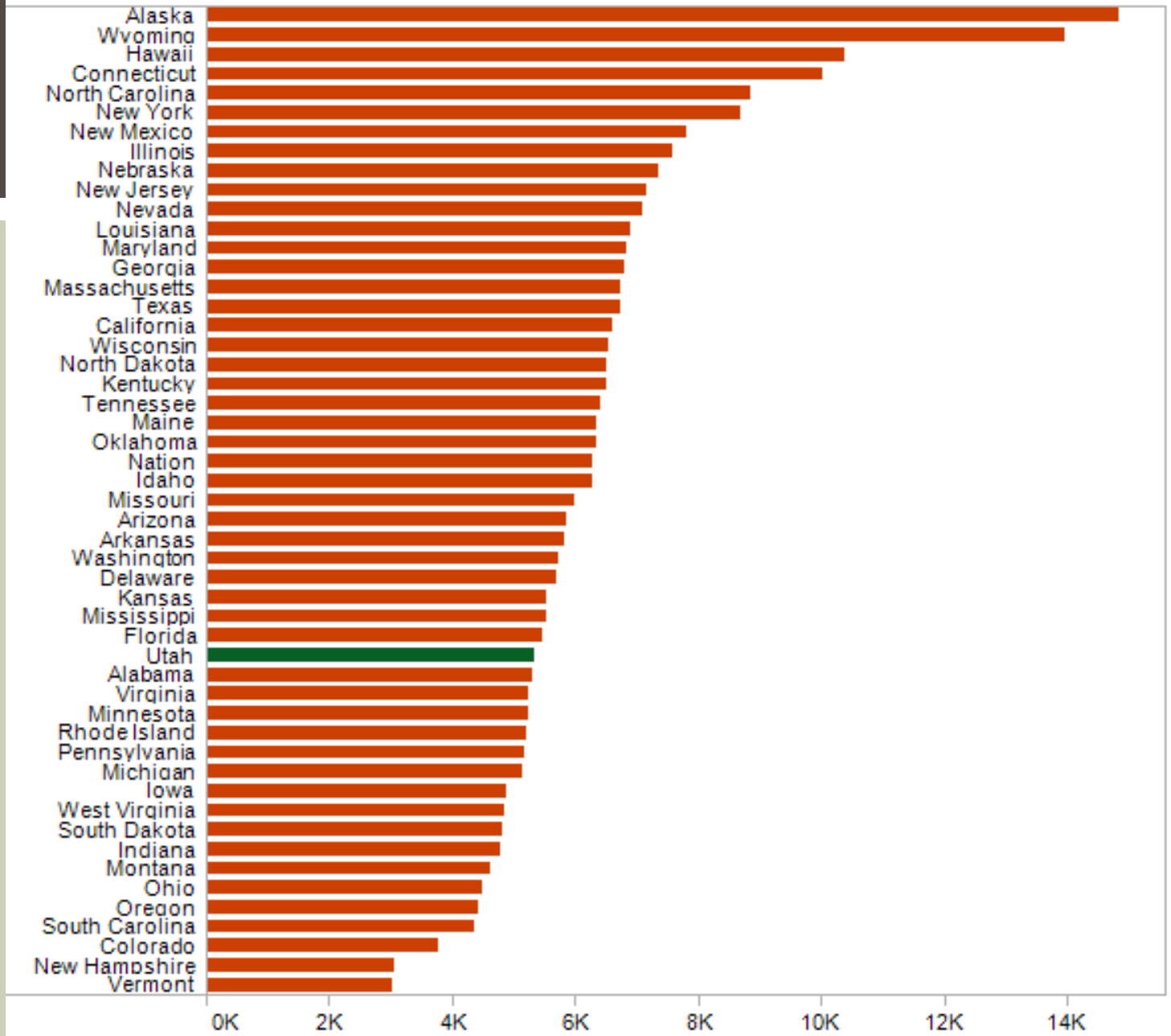


Utah System of Higher Education  
Education and General  
State and Tuition Funding  
FY 2000 through FY 2012

	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12
<b>University of Utah</b>													
State Funds	\$157,051,300	\$167,396,800	\$177,000,500	\$175,276,800	\$174,908,500	\$186,491,200	\$191,609,400	\$200,538,600	\$218,614,200	\$198,485,600	\$185,814,500	\$193,764,400	\$193,598,400
Tuition and Fees	\$54,182,057	\$57,483,500	\$66,062,800	\$79,332,400	\$88,691,300	\$100,498,823	\$108,855,400	\$108,181,732	\$124,677,600	\$130,342,300	\$156,254,700	\$186,633,400	\$210,320,600
FTE Student Enrollment	21,438	22,432	23,818	25,230	25,399	25,396	25,765	25,873	25,219	24,789	25,718	27,347	28,258
State Funds/FTE Student	\$7,326	\$7,462	\$7,431	\$6,947	\$6,886	\$7,343	\$7,437	\$8,062	\$8,669	\$8,007	\$7,225	\$7,085	\$6,851
Tuition and Fees/FTE Student	\$2,527	\$2,563	\$2,774	\$3,144	\$3,492	\$3,957	\$4,225	\$4,349	\$4,944	\$5,258	\$6,076	\$6,825	\$7,443
<b>Utah State University - Logan</b>													
State Funds	\$85,478,700	\$90,627,800	\$94,576,200	\$94,520,600	\$95,262,500	\$99,549,300	\$107,888,000	\$107,470,400	\$118,455,300	\$103,838,700	\$97,634,900	\$86,584,600	\$107,714,300
Tuition and Fees	\$32,282,998	\$36,396,600	\$38,396,800	\$39,539,500	\$43,347,500	\$44,547,439	\$43,430,937	\$45,756,100	\$52,485,900	\$54,433,500	\$59,970,500	\$66,788,400	\$75,906,300
FTE Student Enrollment	15,067	15,724	15,273	15,010	15,022	14,477	12,599	12,618	12,702	12,840	13,160	14,703	13,767
State Funds/FTE Student	\$5,673	\$5,764	\$6,192	\$6,297	\$6,342	\$6,876	\$8,563	\$8,517	\$9,326	\$8,087	\$7,419	\$5,889	\$7,824
Tuition and Fees/FTE Student	\$2,143	\$2,315	\$2,514	\$2,634	\$2,886	\$3,077	\$3,447	\$3,626	\$4,132	\$4,239	\$4,557	\$4,543	\$5,514
<b>Utah State University - Regional Campuses</b>													
State Funds	\$2,867,100	\$3,076,900	\$4,337,200	\$4,788,300	\$4,813,300	\$5,083,400	\$6,491,100	\$7,855,100	\$10,344,800	\$10,952,000	\$10,062,100	\$23,138,000	\$22,874,900
Tuition and Fees	\$1,146,780	\$1,745,600	\$4,939,100	\$6,091,200	\$7,541,000	\$7,883,356	\$12,237,793	\$13,668,789	\$14,968,900	\$17,745,400	\$21,393,800	\$34,138,600	\$37,383,600
FTE Student Enrollment	689	897	2,390	2,572	2,808	3,160	4,198	3,996	3,997	4,008	4,434	5,869	7,161
State Funds/FTE Student	\$4,161	\$3,430	\$1,815	\$1,862	\$1,714	\$1,609	\$1,546	\$1,966	\$2,732	\$2,588	\$2,269	\$3,942	\$3,194
Tuition and Fees/FTE Student	\$1,664	\$1,946	\$2,067	\$2,368	\$2,686	\$2,495	\$2,915	\$3,421	\$3,745	\$4,427	\$4,825	\$5,816	\$5,220
<b>Weber State University</b>													
State Funds	\$50,109,400	\$53,445,000	\$56,231,500	\$54,636,000	\$54,785,900	\$56,785,700	\$59,996,600	\$62,561,500	\$68,004,900	\$63,777,900	\$59,489,000	\$60,853,800	\$61,101,300
Tuition and Fees	\$21,675,764	\$23,480,200	\$26,649,800	\$31,758,400	\$34,216,900	\$35,905,319	\$37,675,790	\$40,551,619	\$42,155,800	\$45,314,000	\$48,099,100	\$60,161,000	\$63,825,300
FTE Student Enrollment	11,458	12,096	12,833	13,965	13,788	13,339	12,866	12,578	12,403	12,819	14,070	14,914	15,384
State Funds/FTE Student	\$4,373	\$4,419	\$4,382	\$3,912	\$3,973	\$4,257	\$4,663	\$4,974	\$5,483	\$4,228	\$4,080	\$4,080	\$3,972
Tuition and Fees/FTE Student	\$1,892	\$1,941	\$2,077	\$2,274	\$2,482	\$2,692	\$2,928	\$3,224	\$3,399	\$3,535	\$3,419	\$4,034	\$4,149
<b>Southern Utah University</b>													
State Funds	\$22,618,400	\$24,482,700	\$26,439,500	\$25,740,100	\$25,725,100	\$26,716,100	\$28,008,900	\$29,845,700	\$32,723,800	\$30,251,900	\$28,210,200	\$28,833,600	\$29,219,900
Tuition and Fees	\$9,023,327	\$9,099,600	\$9,723,400	\$10,960,400	\$11,975,800	\$14,126,575	\$16,334,947	\$18,732,678	\$20,545,700	\$22,094,300	\$25,938,900	\$30,324,300	\$33,033,600
FTE Student Enrollment	5,281	5,415	5,518	5,219	5,135	5,322	5,289	5,507	5,844	6,051	6,476	6,580	6,427
State Funds/FTE Student	\$4,283	\$4,522	\$4,791	\$4,932	\$5,010	\$5,020	\$5,295	\$5,420	\$5,600	\$5,000	\$4,356	\$4,382	\$4,546
Tuition and Fees/FTE Student	\$1,709	\$1,681	\$1,762	\$2,100	\$2,332	\$2,654	\$3,088	\$3,402	\$3,516	\$3,652	\$4,005	\$4,609	\$5,140
<b>Snow College</b>													
State Funds	\$11,033,900	\$11,495,400	\$11,969,100	\$11,996,800	\$15,800,200	\$16,094,000	\$16,718,400	\$17,961,500	\$20,298,700	\$18,456,200	\$17,204,500	\$17,575,000	\$17,521,000
Tuition and Fees	\$3,106,756	\$3,835,900	\$4,317,000	\$3,302,100	\$4,856,900	\$4,927,575	\$6,103,469	\$4,777,042	\$6,112,100	\$6,046,400	\$6,853,200	\$7,866,600	\$8,344,200
FTE Student Enrollment	2,354	2,929	2,911	2,694	2,808	2,856	2,865	2,840	2,707	2,657	2,893	3,046	3,082
State Funds/FTE Student	\$4,687	\$3,925	\$4,111	\$4,453	\$5,628	\$5,635	\$5,836	\$6,324	\$7,498	\$6,946	\$5,947	\$5,769	\$5,685
Tuition and Fees/FTE Student	\$1,320	\$1,310	\$1,483	\$1,226	\$1,730	\$1,725	\$2,131	\$1,682	\$2,258	\$2,276	\$2,369	\$2,582	\$2,707
<b>Dixie State University</b>													
State Funds	\$13,987,200	\$15,465,200	\$16,405,000	\$16,004,400	\$16,145,700	\$16,825,400	\$17,764,600	\$18,436,100	\$21,488,200	\$21,005,600	\$19,686,300	\$20,136,100	\$20,110,800
Tuition and Fees	\$4,730,821	\$4,990,400	\$6,083,500	\$6,187,300	\$6,720,400	\$7,261,706	\$7,655,330	\$8,573,442	\$9,987,200	\$11,961,100	\$16,420,100	\$20,870,500	\$23,213,100
FTE Student Enrollment	3,668	3,889	4,106	4,251	4,411	4,367	4,078	3,875	3,875	4,414	5,626	6,404	6,554
State Funds/FTE Student	\$3,813	\$3,976	\$3,996	\$3,765	\$3,660	\$3,853	\$4,356	\$4,776	\$5,545	\$4,759	\$3,499	\$3,144	\$3,068
Tuition and Fees/FTE Student	\$1,290	\$1,283	\$1,482	\$1,456	\$1,523	\$1,663	\$1,877	\$2,221	\$2,577	\$2,710	\$2,919	\$3,259	\$3,542
<b>College of Eastern Utah (incl. SJC)</b>													
State Funds	\$10,441,100	\$11,084,200	\$11,468,200	\$11,569,600	\$11,901,700	\$12,251,200	\$13,073,000	\$13,793,300	\$16,124,300	\$14,589,400	\$13,511,600	\$0	\$0
Tuition and Fees	\$2,276,817	\$2,388,900	\$2,755,400	\$2,520,500	\$2,772,500	\$2,887,379	\$2,691,311	\$2,500,934	\$2,600,700	\$2,919,700	\$3,800,100	\$0	\$0
FTE Student Enrollment	2,010	2,009	2,140	2,058	1,926	1,889	1,674	1,479	1,416	1,524	1,758	0	0
State Funds/FTE Student	\$5,195	\$5,517	\$5,359	\$5,621	\$6,179	\$6,487	\$7,808	\$9,324	\$11,387	\$9,575	\$7,686		
Tuition and Fees/FTE Student	\$1,133	\$1,189	\$1,288	\$1,225	\$1,439	\$1,529	\$1,607	\$1,691	\$1,837	\$1,916	\$2,162		
<b>Utah Valley University</b>													
State Funds	\$32,941,800	\$36,419,100	\$41,090,500	\$39,783,500	\$40,217,200	\$42,414,300	\$47,831,800	\$50,051,300	\$62,965,300	\$60,680,700	\$46,177,100	\$57,818,700	\$58,546,800
Tuition and Fees	\$22,138,399	\$25,913,600	\$31,073,200	\$33,666,100	\$44,868,200	\$46,682,893	\$45,835,032	\$51,205,619	\$57,726,100	\$63,935,500	\$78,142,200	\$86,991,100	\$95,490,500
FTE Student Enrollment	12,559	13,904	15,750	16,890	16,679	16,113	14,496	14,509	15,216	16,747	19,033	20,850	21,594
State Funds/FTE Student	\$2,623	\$2,619	\$2,609	\$2,355	\$2,411	\$2,632	\$3,300	\$3,450	\$4,138	\$3,623	\$2,426	\$2,773	\$2,711
Tuition and Fees/FTE Student	\$1,763	\$1,864	\$1,973	\$1,993	\$2,690	\$2,897	\$3,162	\$3,529	\$3,794	\$3,818	\$4,106	\$4,172	\$4,422
<b>Salt Lake Community College</b>													
State Funds	\$43,204,100	\$46,209,000	\$50,304,700	\$49,451,100	\$49,180,400	\$50,915,900	\$53,591,400	\$56,769,500	\$63,370,800	\$57,737,000	\$53,721,300	\$55,953,600	\$56,100,400
Tuition and Fees	\$20,234,047	\$22,074,200	\$25,520,000	\$29,115,000	\$35,123,500	\$35,516,063	\$35,744,237	\$36,914,508	\$39,215,000	\$43,438,600	\$52,642,200	\$55,804,400	\$55,634,100
FTE Student Enrollment	13,131	14,004	15,350	16,223	16,571	16,519	15,801	15,496	16,023	16,152	18,514	19,179	18,732
State Funds/FTE Student	\$3,290	\$3,300	\$3,277	\$3,048	\$3,268	\$3,082	\$3,392	\$3,663	\$3,955	\$3,575	\$2,902	\$2,917	\$2,995
Tuition and Fees/FTE Student	\$1,541	\$1,576	\$1,662	\$1,795	\$2,120	\$2,150	\$2,262	\$2,382	\$2,447	\$2,689	\$2,843	\$2,910	\$2,970
<b>Utah System of Higher Education</b>													
State Funds	\$429,733,000	\$459,702,100	\$489,822,400	\$483,767,200	\$488,740,500	\$513,126,500	\$542,973,200	\$565,283,000	\$632,390,300	\$579,775,000	\$531,511,500	\$544,657,800	\$566,787,800
Tuition and Fees	\$170,797,766	\$187,408,500	\$215,521,000	\$242,472,900	\$280,114,000	\$300,237,128	\$316,564,246	\$330,862,463	\$370,475,000	\$398,230,800	\$469,514,800	\$549,578,300	\$603,151,300
FTE Student Enrollment	88,393	93,298	100,089	104,112	104,548	103,439	99,632	97,757	99,401	102,501	112,976	119,886	121,664
State Funds/FTE Student	\$4,862	\$4,927	\$4,894	\$4,647	\$4,675	\$4,961	\$5,450	\$5,783	\$6,362	\$5,656	\$4,705	\$4,543	\$4,659
Tuition and Fees/FTE Student	\$1,932	\$2,009	\$2,153	\$2,329	\$2,679	\$2,903	\$3,177	\$3,385	\$3,727	\$3,885	\$4,156	\$4,584	\$4,958

HIGHER EDUCATION, STATE  
SUPPORT PER FTE STUDENT

State Support per FTE Student

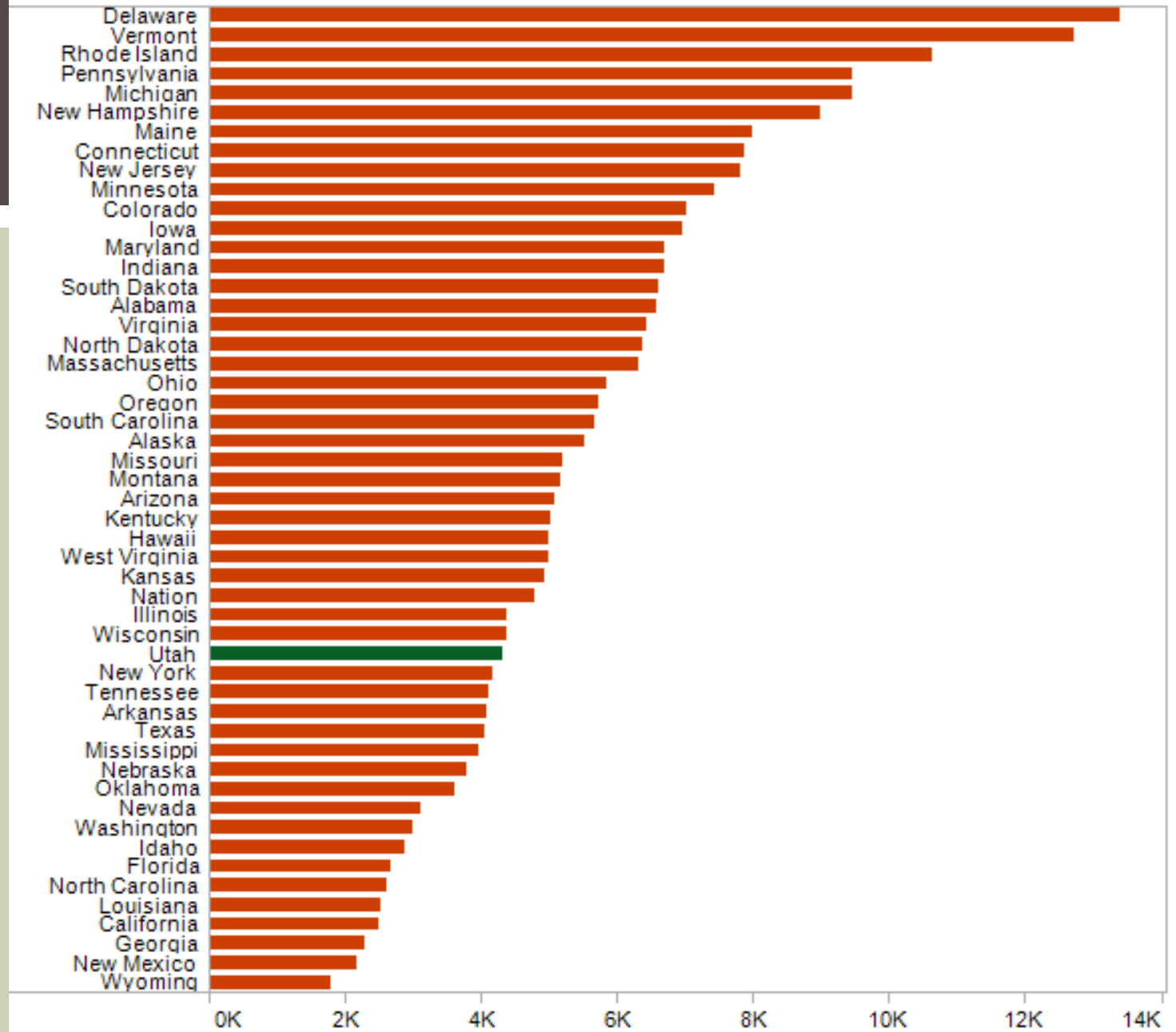


Source: NCHEMS, 2011



HIGHER EDUCATION, NET TUITION AND FEES PER FTE STUDENT

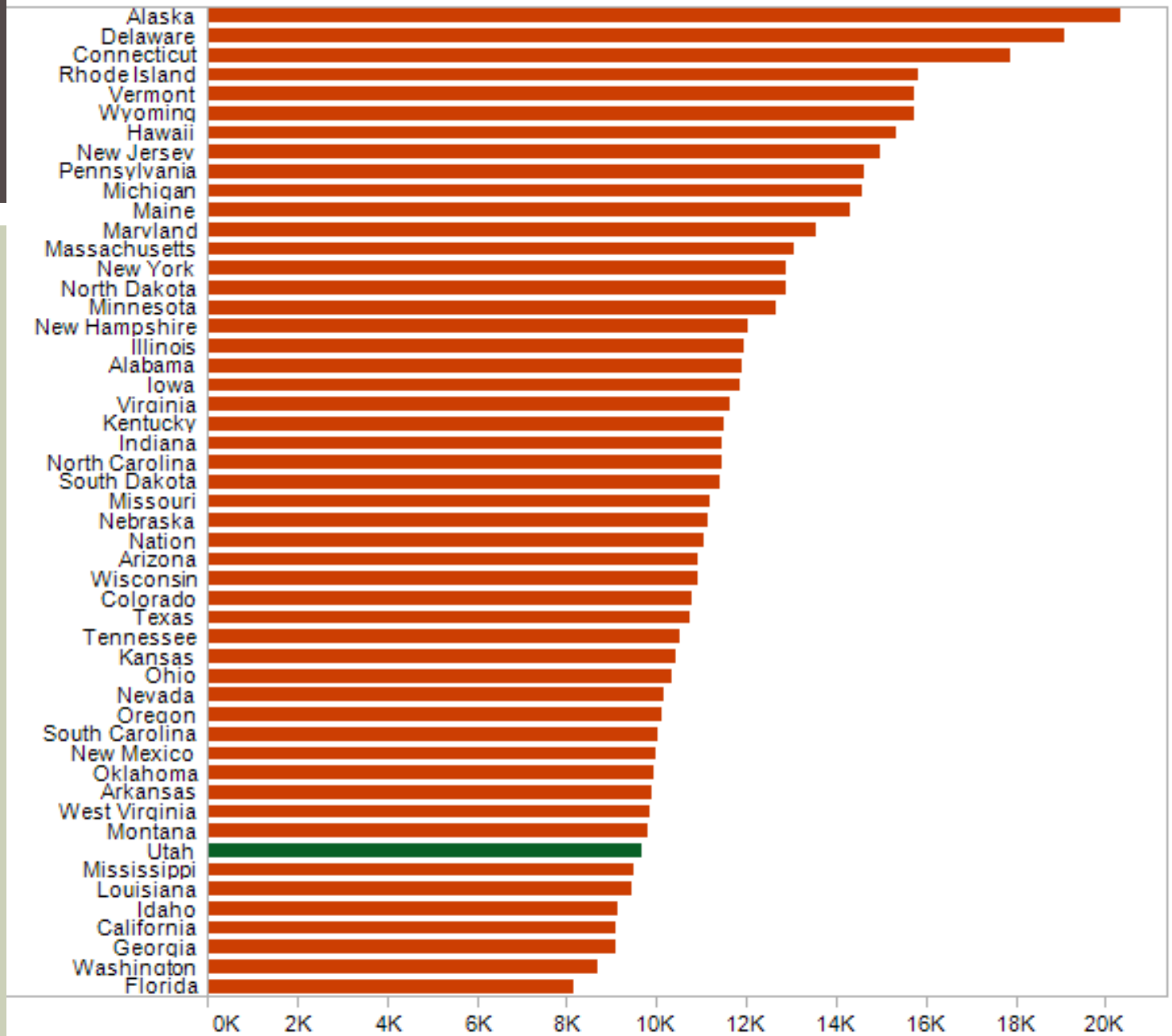
Net Tuition and Fees per FTE Student



Source: NCHEMS, 2011

TOTAL  
HIGHER EDUCATION, TOTAL  
REVENUE PER FTE STUDENT

Total Revenue per FTE Student

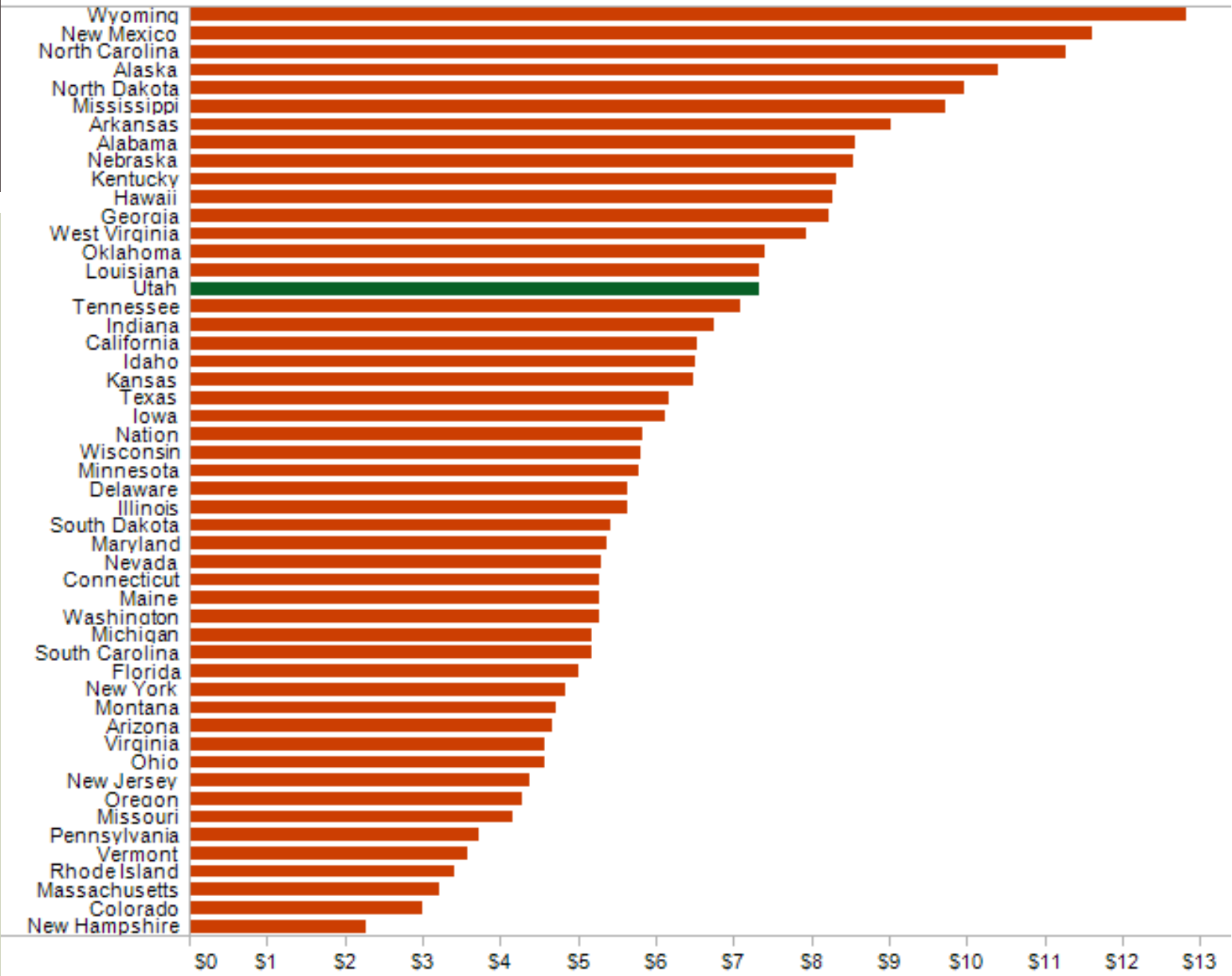


Source: NCHEMS, 2011

## State and Local Support for Higher Education per \$1,000 of Personal Income

LOCAL INCOME

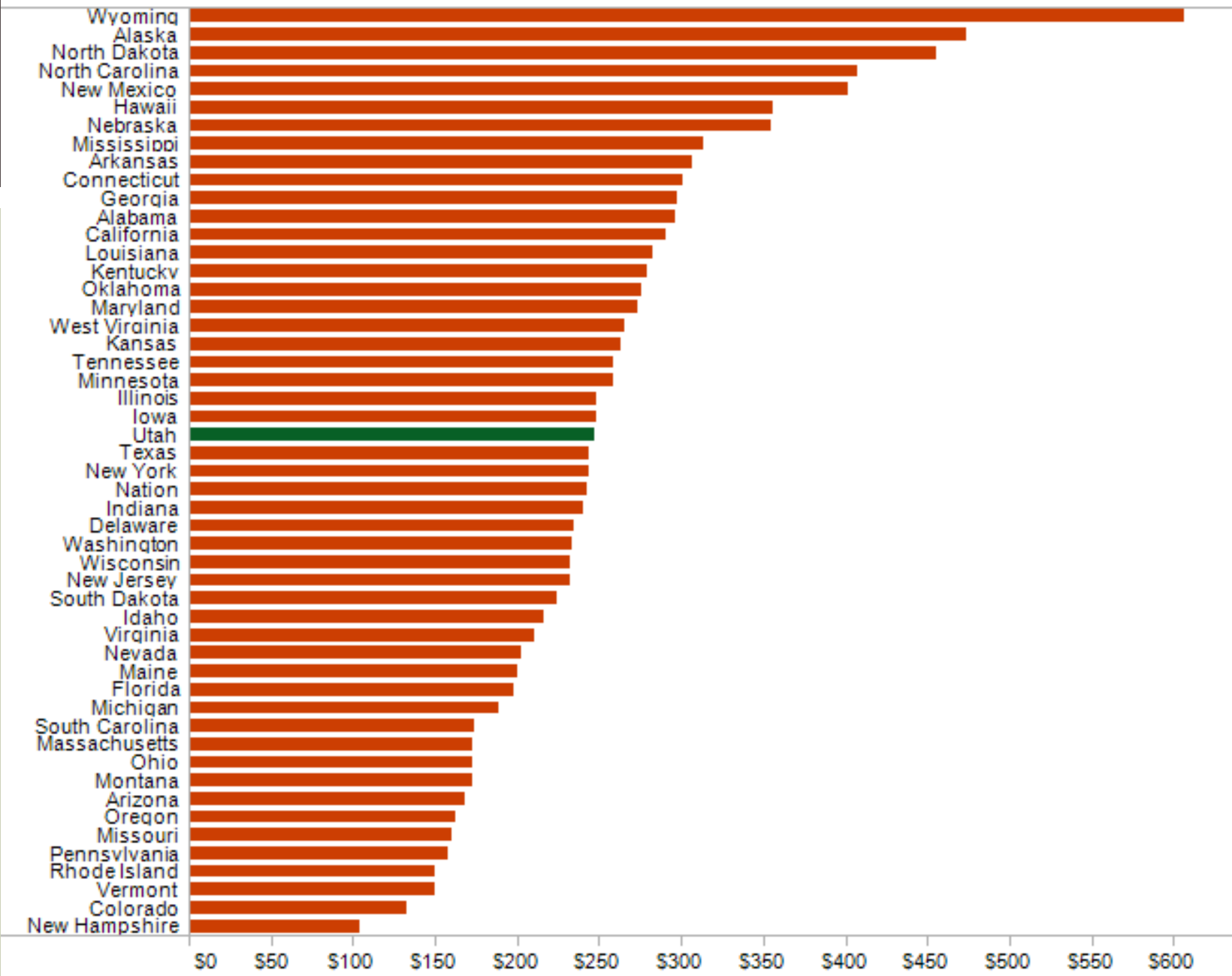
HIGHER EDUCATION, STATE & LOCAL SUPPORT PER \$1,000 PERSONAL INCOME



Source: NCHEMS, 2011

## State and Local Support for Higher Education Operating Expenses per Capita

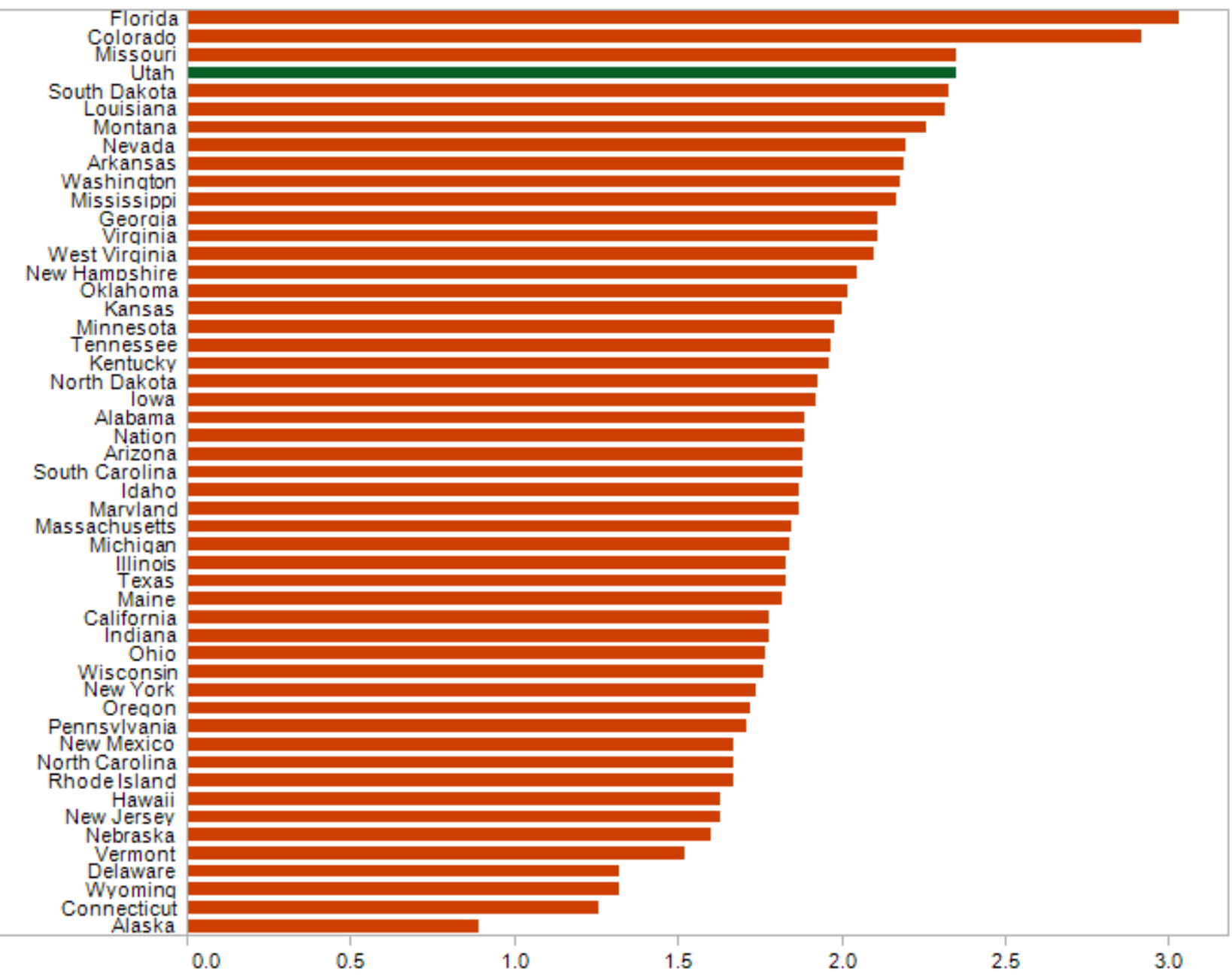
HIGHER EDUCATION, STATE AND LOCAL SUPPORT FOR OPERATING EXPENSES PER CAPITA



Source: NCHES, 2011

Degrees per \$100,000 in Revenue

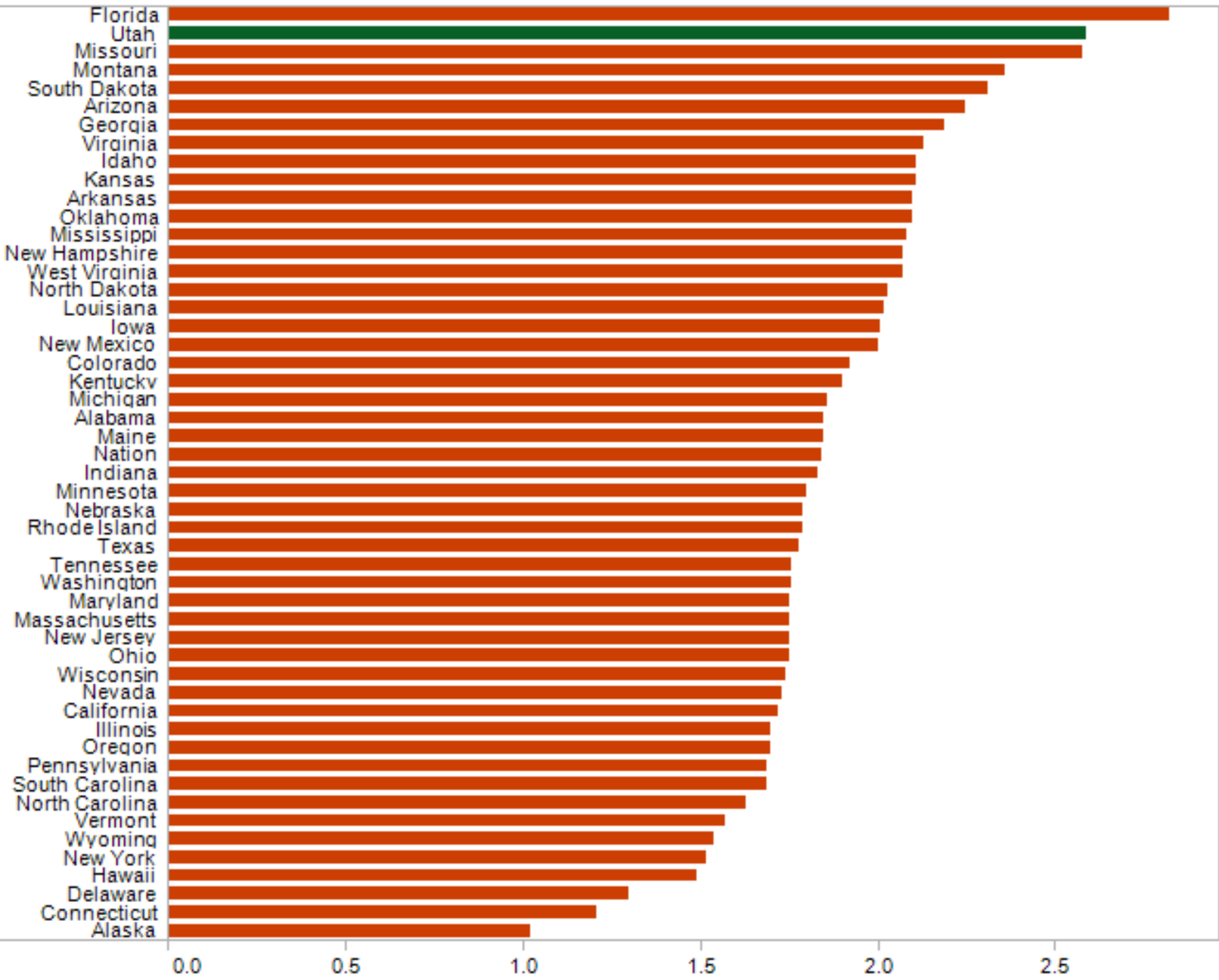
HIGHER EDUCATION, DEGREES PER \$100,000 IN REVENUE



Source: NCHEMS, 2010

Degrees per \$100,000 in Expenditures

HIGHER EDUCATION, DEGREES PER \$100,000 IN EXPENDITURES



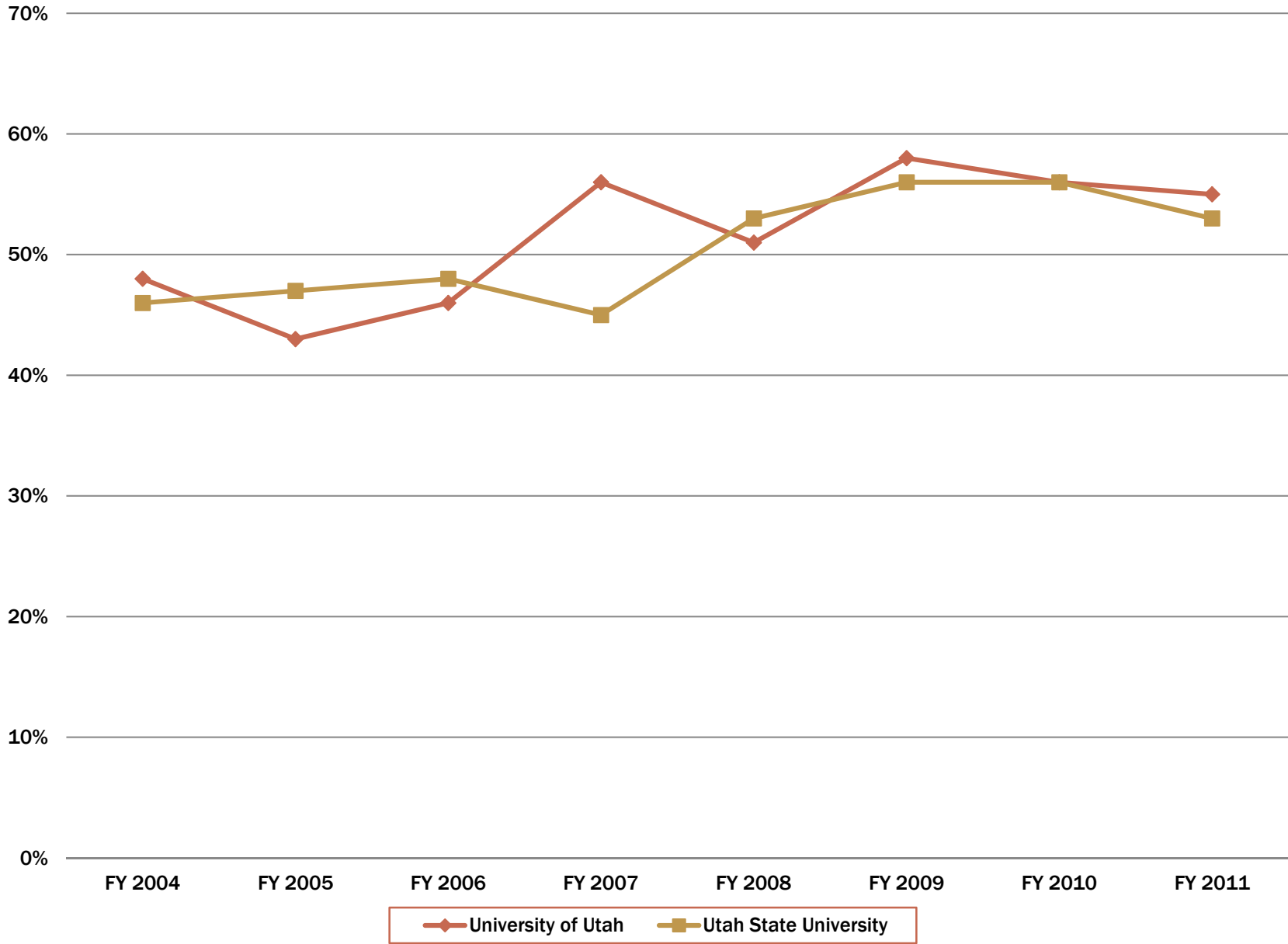
Source: NCHEMS, 2010

# HIGHER ED OUTCOMES

RATES

HIGHER EDUCATION, GRADUATION

Graduation Rates:  
Research Universities

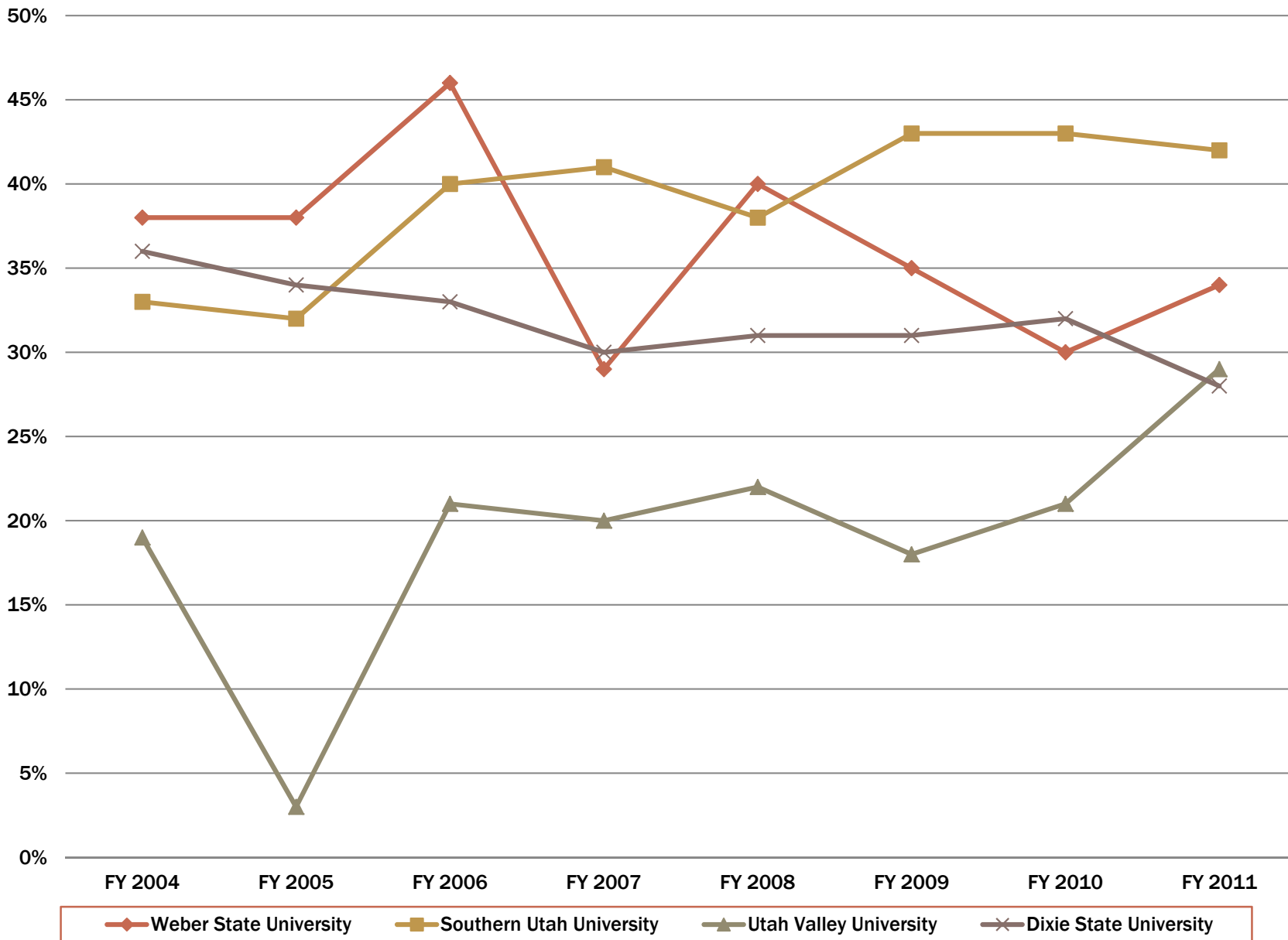




RATES

HIGHER EDUCATION, GRADUATION

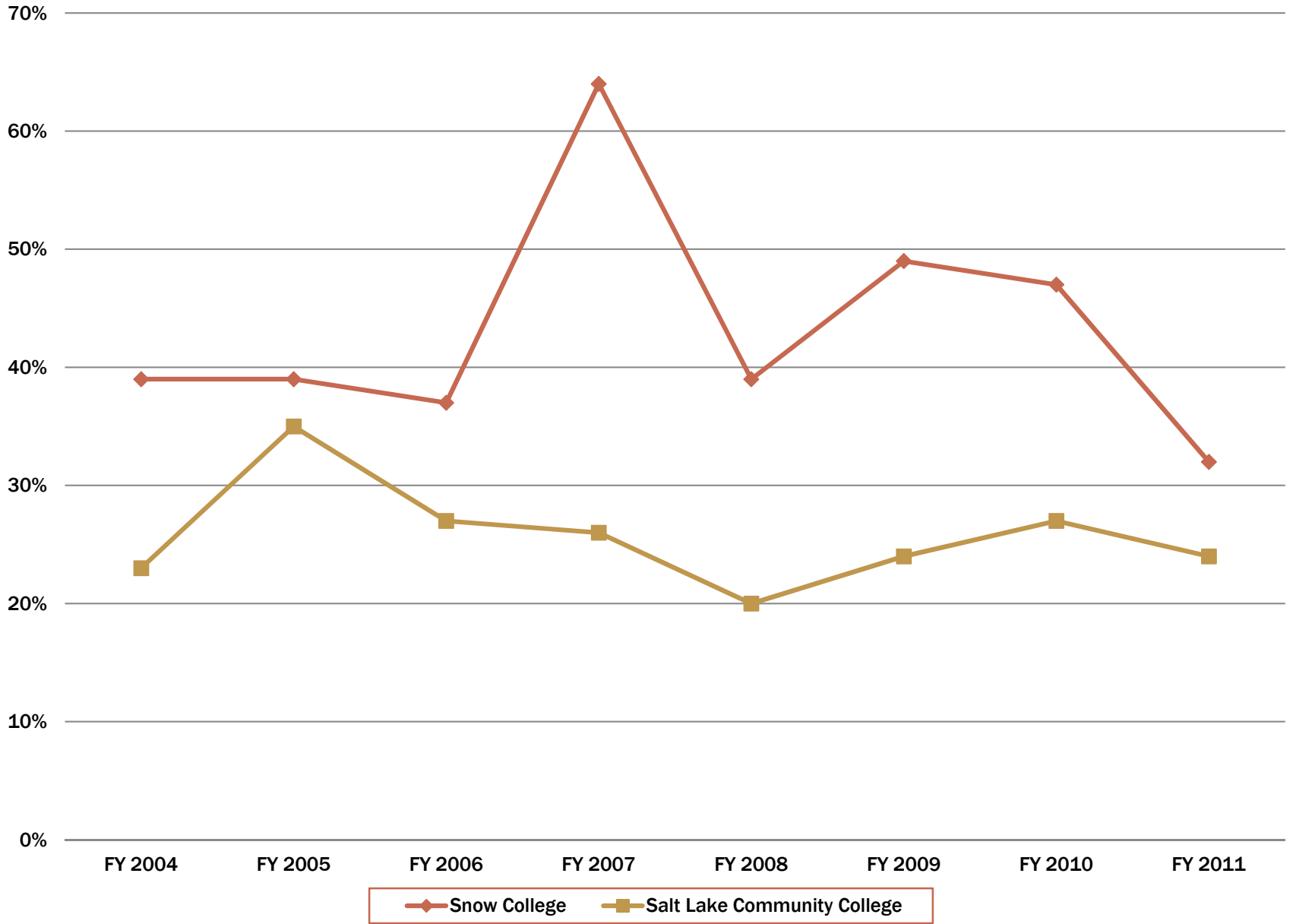
### Graduation Rates: Teaching Universities



RATES

HIGHER EDUCATION, GRADUATION

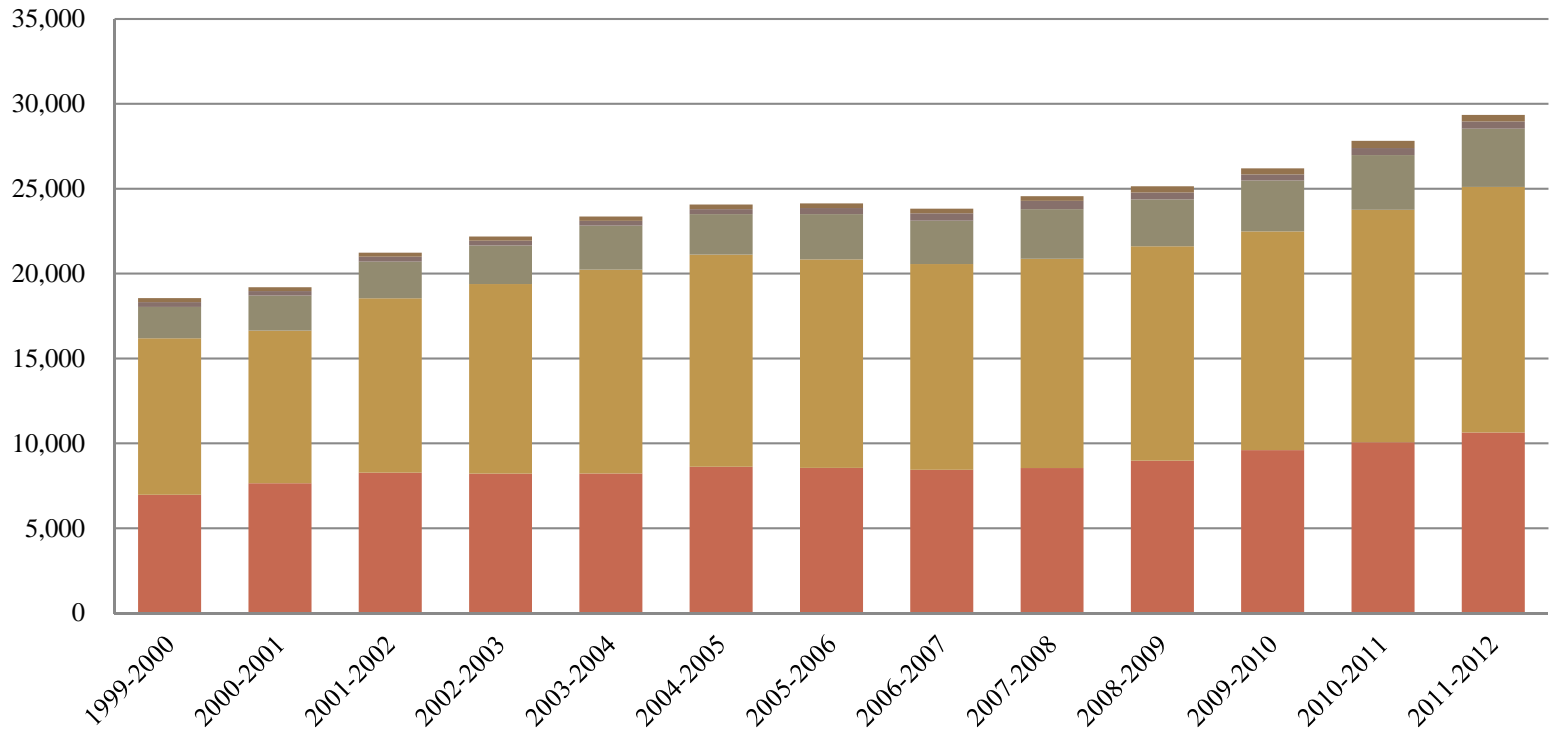
### Graduation Rates: Community Colleges



# Degrees Awarded

## Utah System of Higher Education

USHE DEGREES AWARDED



■ Assoc. ■ Bachelors ■ Masters ■ Doctorate ■ First Professional

# UCAT CERTIFICATES AWARDED

## CERTIFICATES AWARDED - FY 12

BATC	806
DATC	1,310
DXATC	455
MATC	1,529
OWATC	976
SWATC	145
TATC	132
UBATC	447
<b>TOTAL</b>	<b>5,800</b>

**Associates Degrees Awarded  
2011-2012**

<u>Field of Study</u>	<u>U of U</u>	<u>USU</u>	<u>WSU</u>	<u>SUU</u>	<u>UVU</u>	<u>Snow</u>	<u>DSC</u>	<u>SLCC</u>	<u>Total</u>
Agriculture and Natural Resources		20		4		11			35
Architecture and Related Studies									0
Area, Ethnic, and Cultural Studies									0
Biological Sciences/Life Sciences		1			6	9		15	31
Business and Marketing		16	13		91	50	74	264	508
Communications					1	9		37	47
Computer and Information Sciences			65	3	21	13		50	152
Education					52	89	4	38	183
Engineering and Related Technologies		15	52	6	82	29	2	131	317
English Language and Literature		1			4	12		21	38
Family and Consumer Sciences		5	3			9		7	24
Foreign Languages								13	13
Health Professions		54	644		122	102	148	391	1,461
History					15	7		14	36
Law and Legal Studies				3	11	1		48	63
Liberal Arts and Sciences/General Studies		829	1,172	326	967	301	891	1,971	6,457
Mathematics and Statistics					10	2		7	19
Other					68	6		14	88
Other Vocational Studies		28	34	10	288	50	12	256	678
Philosophy									0
Physical Sciences and Science Technology		1	13			4		36	54
Psychology					61	29		54	144
Social Sciences and Public Administration		1				18		86	105
Visual and Performing Arts		2	1		32	56		97	188
<b>Total</b>	<b>0</b>	<b>973</b>	<b>1,997</b>	<b>352</b>	<b>1,831</b>	<b>807</b>	<b>1,131</b>	<b>3,550</b>	<b>10,641</b>

**Bachelors Degrees Awarded  
2011-2012**

<u>Field of Study</u>	<u>U of U</u>	<u>USU</u>	<u>WSU</u>	<u>SUU</u>	<u>UVU</u>	<u>Snow</u>	<u>DSC</u>	<u>SLCC</u>	<u>Total</u>
Agriculture and Natural Resources	71	118		20					209
Architecture and Related Studies	43	27							70
Area, Ethnic, and Cultural Studies	28	38							66
Biological Sciences/Life Sciences	175	107	50	60	82		14		488
Business and Marketing	686	537	383	115	582		99		2,402
Communications	402	81	60	58	103		89		793
Computer and Information Sciences	78	76	92	15	134		36		431
Education	76	439	269	200	296		66		1,346
Engineering and Related Technologies	380	210	99	25	8				722
English Language and Literature	152	100	64	21	60		18		415
Family and Consumer Sciences	251	143	48	34					476
Foreign Languages	136	37	25	19	48				265
Health Professions	375	318	493	78	170		58		1,492
History	61	74	31	23	17				206
Law and Legal Studies		21			22				43
Liberal Arts and Sciences/General Studies		66	39	6					111
Mathematics and Statistics	60	18	6	5	10		5		104
Other	417	195		26	145		61		844
Other Vocational Studies		24	172	50	396		3		645
Philosophy	20	16	1		11				48
Physical Sciences and Science Technology	124	28	18	16	26				212
Psychology	282	108	85	69	337		25		906
Social Sciences and Public Administration	822	461	160	31	56				1,530
Visual and Performing Arts	280	129	62	54	109		9		643
<b>Total</b>	<b>4,919</b>	<b>3,371</b>	<b>2,157</b>	<b>925</b>	<b>2,612</b>	<b>0</b>	<b>483</b>	<b>0</b>	<b>14,467</b>

**Masters Degrees Awarded  
2011-2012**

<u>Field of Study</u>	<u>U of U</u>	<u>USU</u>	<u>WSU</u>	<u>SUU</u>	<u>UVU</u>	<u>Snow</u>	<u>DSC</u>	<u>SLCC</u>	<u>Total</u>
Agriculture and Natural Resources		43							43
Architecture and Related Studies	45	1							46
Area, Ethnic, and Cultural Studies	10	9							19
Biological Sciences/Life Sciences	16	20							36
Business and Marketing	484	276	134	98					992
Communications	5	1		6					12
Computer and Information Sciences	48	59							107
Education	107	184	43	172	21				527
Engineering and Related Technologies	162	101							263
English Language and Literature	10	20	17						47
Family and Consumer Sciences	20	18							38
Foreign Languages	20								20
Health Professions	226	66	86		3				381
History	11	5							16
Law and Legal Studies	1								1
Liberal Arts and Sciences/General Studies	14	1							15
Mathematics and Statistics	16	10							26
Other	53			13					66
Other Vocational Studies			12						12
Philosophy	1								1
Physical Sciences and Science Technology	57	9							66
Psychology	84	72							156
Social Sciences and Public Administration	360	89		21					470
Visual and Performing Arts	59	6		4					69
<b>Total</b>	<b>1,809</b>	<b>990</b>	<b>292</b>	<b>314</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,429</b>



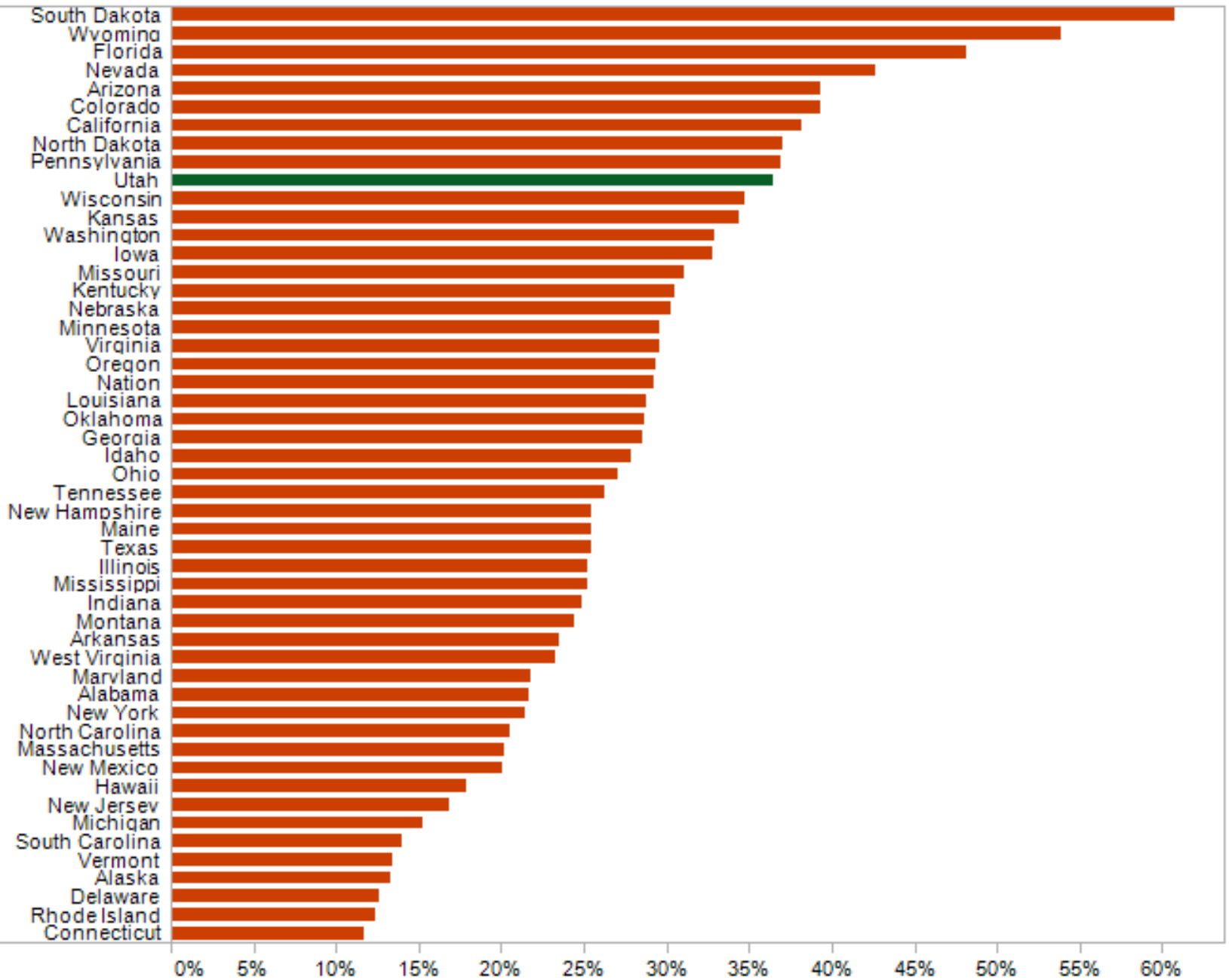




# RATES

# HIGHER EDUCATION, GRADUATION

Graduation Rates

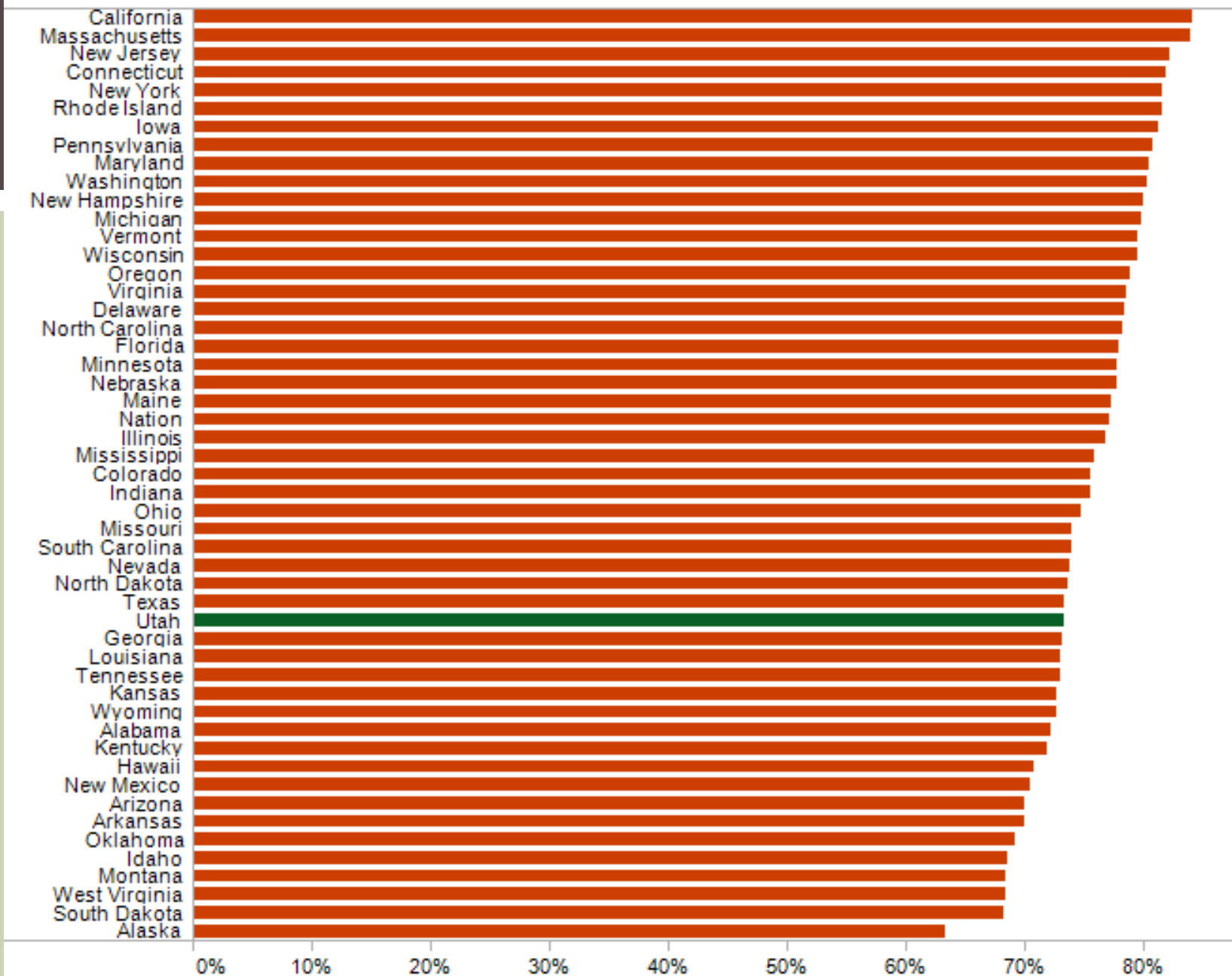


Source: NCHEMS, 2009

# Retention Rates

RATES

HIGHER EDUCATION, RETENTION



Source: NCHEMS, 2009

# OTHER FACTORS YOU MIGHT WANT TO LOOK INTO FOR FUTURE MEETING

- Effect of teacher salary on student performance (outcome)
- Effect of volunteerism on student performance (outcome)
- Effect of having a stay-at-home parent on student outcomes
- Return on investment overall (in a fiscal \$ sense)
- Return on investment to various expenditure categories
- Effects of different detailed expenditure categories on student performance
- Effects of the economy on student performance
- Effect of teacher education level on student performance
- Urban/Rural effects?
- Effect of non-teacher administrative costs on student performance
- Many others ...