

Dispelling the Myth: State Individual Income Taxes Do Not Control Economic Growth

Tom Kruckemeyer, Chief Economist

As the 2011 Missouri legislative session moves forward, there is substantial interest in various proposals that would eliminate the Missouri individual income tax and replace it with a much expanded sales tax. Proponents of these measures consistently assert that eliminating the individual income tax will foster an enhanced rate of economic growth by somehow making a state that does this more "business friendly." This analysis looks objectively at data on state economic and population growth to determine if there exists any positive correlation between having no or very limited state income tax and rates of economic and population growth.

State Economic Growth

There are several statistics that may be used to measure state economic growth. The most comprehensive statistic that is currently available is "Gross State Product Per Capita" (GSP) adjusted for inflation. This is a relatively new statistic that is estimated by the U.S. Department of Commerce-Bureau of Economic Analysis. This statistic is designed to measure the value of all goods and services produced in a state, adjusted for both population changes as well as price changes. This data series runs from 1997 through 2009, the most recent year available.

The table below compares state economic growth as measured by the GSP with income tax collections in all fifty states. What becomes immediately clear is that there is no consistent relationship between state income tax and state economic growth. In fact, between 1997 and 2009, the states that rely on an income tax, on average, obtained a state product growth rate that was substantially similar to the average growth rate seen in the non-income tax states.

Per Capita Gross State Product ² Versus Income Tax Collections 1997 through 2009											
		1997 Real	2009 Real	Percent Change	Ind. Income Tax	Per Capita					
Rank	State	Per Capita GSP	Per Capita GSP		as % of Income, 2008	Income Tax 2008 ³					
1	WY	\$42,840	\$65,199	52.19	0.00	\$0					
2	ND	\$29,765	\$44,970	51.08	1.19	\$495					
3	SD	\$29,985	\$44,261	47.61	0.00	\$0					
4	OR	\$30,986	\$41,435	33.72	3.57	\$1,313					

¹ The table displays two measures of state income tax collections that are designed to show the degree to which the states utilize this revenue source. One measure is "Per Capita State Income Tax Collections." This measure takes total state income tax collections and divides them by state population. The second measure is "State Income Tax Collections as a Percent of State Personal Income." This takes total state income tax collections and divides them by total state personal income. Both measures show substantially similar state rankings.

² U.S. Department of Commerce-Bureau of Economic Analysis

³ State Rankings 2010, CQ Press, Kathleen O'Leary and Scott Morgan, p. 338.

5 OK \$30,004 \$39,881 \$2.92 \$2.07 \$765 6 CA \$36,567 \$46,992 28.51 3.46 \$15,24 7 10 \$25,200 \$32,082 27.31 2.86 \$942 8 VT \$28,953 \$36,789 \$2.06 2.55 \$1,003 9 MD \$36,081 \$44,917 24.49 2.53 \$1,228 10 VA \$37,687 \$46,609 23.67 2.90 \$1,298 11 IA \$33,444 \$41,247 23.33 2.49 \$951 12 MA \$40,792 \$50,023 2.263 3.74 \$1,911 13 MT \$26,989 \$32,859 21.75 2.55 \$899 14 RI \$33,527 \$40,572 21.53 3.90 \$1,878 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566							
7 ID \$25,200 \$32,082 27.31 2.86 \$942 8 VT \$28,953 \$36,789 27.06 2.55 \$1,003 9 MD \$36,081 \$44,917 24.49 2.53 \$1,226 10 VA \$37,687 \$46,609 23.67 2.90 \$1,298 11 IA \$33,444 \$41,247 23.33 2.49 \$951 12 MA \$40,792 \$50,023 22.63 3.74 \$1,910 13 MT \$26,989 \$32,859 21.75 2.55 \$889 14 RI \$33,527 \$40,572 21.55 2.48 \$1,036 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$33,663 \$40,566 20.51 0.20 \$89 18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$2.50 \$818 \$1,027 22 ME \$29,917 \$35,000 16.99 1.52 \$524 AR \$27,406 \$31,769 15.92 \$2.50 \$818 \$25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,890 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$53,384 31.42 2.82 \$1,455 28 CT \$49,162 \$53,435 14.70 3.49 \$1,998 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31,489 \$31	5	OK	\$30,004	\$39,881	32.92	2.07	\$765
8 VT \$28,953 \$36,789 \$27.06 \$2.55 \$1,003 \$9 MD \$36,081 \$44,917 \$24,49 \$2.53 \$1,226 \$10 VA \$37,687 \$46,609 \$23,67 \$2.90 \$1,298 \$11 IA \$33,444 \$41,247 \$23,33 \$2.49 \$951 \$12 MA \$40,792 \$50,023 \$22,63 \$3.74 \$1,910 \$13 MT \$26,989 \$32,859 \$21,75 \$2.55 \$899 \$14 RI \$33,527 \$40,572 \$21,55 \$248 \$1,036 \$15 NY \$41,123 \$49,976 \$21,53 \$3.90 \$1,878 \$16 NH \$33,663 \$40,566 \$20,51 \$0.20 \$89 \$17 NE \$35,728 \$42,605 \$19,25 \$2.41 \$969 \$18 KS \$33,595 \$33,913 \$18.81 \$2.62 \$1,053 \$19 MN \$37,733 \$44,600 \$18,20 \$3.44 \$1,487 \$20 CO \$39,902 \$46,199 \$17.85 \$2.36 \$1,027 \$21 AZ \$29,917 \$35,000 \$16,99 \$1.52 \$524 \$22 ME \$29,596 \$34,535 \$16.69 \$3.00 \$51,097 \$23 WA \$39,377 \$45,881 \$16,52 \$0.00 \$0 \$0 \$24 AR \$27,406 \$31,769 \$15,92 \$2.50 \$818 \$25 WV \$26,011 \$30,124 \$15,81 \$2.66 \$837 \$24 AR \$27,406 \$32,799 \$15,70 \$32,900 \$15,70 \$194 \$6588 \$27 NJ \$43,299 \$49,840 \$15,10 \$2.66 \$837 \$26 AL \$27,996 \$32,390 \$15,70 \$194 \$6588 \$27 NJ \$43,299 \$49,840 \$15,10 \$2.82 \$1,053 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,000 \$34,00	6	CA	\$36,567	\$46,992	28.51	3.46	\$1,524
9 MD \$36,081 \$44,917 24.49 2.53 \$1,226 10 VA \$37,687 \$46,609 23.67 2.90 \$1,298 11 IA \$33,444 \$41,247 23.33 2.49 \$951 12 MA \$40,792 \$50,023 22.63 3.74 \$1,910 13 MT \$26,689 \$32,859 21.75 2.55 \$899 14 RI \$33,527 \$40,572 21.55 2.48 \$1,036 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$960 17 NE \$33,728 \$42,605 19.25 2.41 \$960 17 NE \$33,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$22,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 \$24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 22 CT \$44,000 \$40,000 \$0 \$1,997 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$1,457 31 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$7,198 \$1.99 \$1.99 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90 \$1.90	7	ID	\$25,200	\$32,082	27.31	2.86	\$942
10 VA \$37,687 \$46,609 23.67 2.90 \$1,298 11 IA \$33,444 \$41,247 23.33 2.49 \$951 12 MA \$40,792 \$50,023 22.63 3.74 \$1,910 13 MT \$26,989 \$32,859 21.75 2.55 \$899 14 RI \$33,527 \$40,572 21.55 2.48 \$1,036 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,996 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$50 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$48,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$11.1 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 \$10 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$33,548 \$38,437 9.05 3.35 \$1.89 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,089 \$63,846 5.38 0.00 \$0 50 43 TN \$33,149 \$34,828 5.07 0.13 \$47 40 OH \$35,236 \$36,520 \$30,845 1.53 2.25 \$44 88 SP \$44,644 \$42,319 1.60 0.00 \$0 48 SP \$25,575 \$32,149 2.85 2.51 \$882 49 GA \$36,520 \$36,522 -0.73 2.59 \$912 \$12.50 20 OO \$30,50 \$36,520 \$30,845 1.53 2.25 \$148 \$38 \$30,845 \$1.53 2.25 \$1.455 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$34,555 \$3	8	VT	\$28,953	\$36,789	27.06	2.55	\$1,003
11 IA \$33,444 \$41,247 23.33 2.49 \$951 12 MA \$40,792 \$50,023 22.63 3.74 \$1,910 13 MT \$26,889 \$32,859 21.75 2.55 \$899 14 RI \$33,527 \$40,572 21.55 2.48 \$1,036 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,959 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 <td< td=""><td>9</td><td>MD</td><td>\$36,081</td><td>\$44,917</td><td>24.49</td><td>2.53</td><td>\$1,226</td></td<>	9	MD	\$36,081	\$44,917	24.49	2.53	\$1,226
12 MA \$40,792 \$50,023 22.63 3.74 \$1,910 13 MT \$26,989 \$32,859 21.75 2.55 \$899 14 RI \$33,527 \$40,572 21.55 2.48 \$1,036 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,956 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 </td <td>10</td> <td>VA</td> <td>\$37,687</td> <td>\$46,609</td> <td>23.67</td> <td>2.90</td> <td>\$1,298</td>	10	VA	\$37,687	\$46,609	23.67	2.90	\$1,298
13 MT \$26,989 \$32,859 21.75 2.55 \$899 14 RI \$33,527 \$40,572 21.55 2.48 \$1,036 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,956 \$34,535 16.69 3.00 \$1,097 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 <td>11</td> <td>IA</td> <td>\$33,444</td> <td>\$41,247</td> <td>23.33</td> <td>2.49</td> <td>\$951</td>	11	IA	\$33,444	\$41,247	23.33	2.49	\$951
14 RI \$33,527 \$40,572 21.55 2.48 \$1,036 15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MIN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$1,027 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124	12	MA	\$40,792	\$50,023	22.63	3.74	\$1,910
15 NY \$41,123 \$49,976 21.53 3.90 \$1,878 16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$10,53 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$10,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 27 NJ \$43,299 \$49,840	13	MT	\$26,989	\$32,859	21.75	2.55	\$899
16 NH \$33,663 \$40,566 20.51 0.20 \$89 17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,082 14.70	14	RI	\$33,527	\$40,572	21.55	2.48	\$1,036
17 NE \$35,728 \$42,605 19.25 2.41 \$969 18 KS \$33,595 \$39,913 18.81 2.62 \$1,033 19 MN \$37,733 \$44,600 18.20 3.44 \$1,027 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389	15	NY	\$41,123	\$49,976	21.53	3.90	\$1,878
18 KS \$33,595 \$39,913 18.81 2.62 \$1,053 19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033	16	NH	\$33,663	\$40,566	20.51	0.20	\$89
19 MN \$37,733 \$44,600 18.20 3.44 \$1,487 20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,495 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360	17	NE	\$35,728	\$42,605	19.25	2.41	\$969
20 CO \$39,902 \$46,199 17.85 2.36 \$1,027 21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755	18	KS	\$33,595	\$39,913	18.81	2.62	\$1,053
21 AZ \$29,917 \$35,000 16.99 1.52 \$524 22 ME \$29,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308	19	MN	\$37,733	\$44,600	18.20	3.44	\$1,487
22 ME \$29,596 \$34,535 16.69 3.00 \$1,097 23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225	20	CO	\$39,902	\$46,199	17.85	2.36	\$1,027
23 WA \$39,377 \$45,881 16.52 0.00 \$0 24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759	21	AZ	\$29,917	\$35,000	16.99	1.52	\$524
24 AR \$27,406 \$31,769 15.92 2.50 \$818 25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 0.00 \$0 36 TX \$38,217 \$43,032	22	ME	\$29,596	\$34,535	16.69	3.00	\$1,097
25 WV \$26,011 \$30,124 15.81 2.66 \$837 26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032	23	WA	\$39,377	\$45,881	16.52	0.00	\$0
26 AL \$27,996 \$32,390 15.70 1.94 \$658 27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,4150 \$38,440	24	AR	\$27,406	\$31,769	15.92	2.50	\$818
27 NJ \$43,299 \$49,840 15.11 2.82 \$1,455 28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,4150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437	25	WV	\$26,011	\$30,124	15.81	2.66	\$837
28 CT \$49,162 \$56,389 14.70 3.49 \$1,998 29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248	26	AL	\$27,996	\$32,390	15.70	1.94	\$658
29 PA \$34,082 \$39,033 14.53 2.05 \$828 30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 <td>27</td> <td>NJ</td> <td>\$43,299</td> <td>\$49,840</td> <td>15.11</td> <td>2.82</td> <td>\$1,455</td>	27	NJ	\$43,299	\$49,840	15.11	2.82	\$1,455
30 NM \$30,010 \$34,360 14.50 1.82 \$611 31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846	28	CT	\$49,162	\$56,389	14.70	3.49	\$1,998
31 LA \$37,364 \$42,755 14.43 1.87 \$712 32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828	29	PA	\$34,082	\$39,033	14.53	2.05	\$828
32 HI \$39,701 \$45,308 14.12 2.83 \$1,200 33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828	30	NM	\$30,010	\$34,360	14.50	1.82	\$611
33 MS \$25,675 \$29,225 13.83 1.72 \$528 34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36	31	LA	\$37,364	\$42,755	14.43	1.87	\$712
34 UT \$32,394 \$36,759 13.47 2.92 \$951 35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85<	32	HI	\$39,701	\$45,308	14.12	2.83	\$1,200
35 FL \$31,420 \$35,653 13.47 0.00 \$0 36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 </td <td>33</td> <td>MS</td> <td>\$25,675</td> <td>\$29,225</td> <td>13.83</td> <td>1.72</td> <td>\$528</td>	33	MS	\$25,675	\$29,225	13.83	1.72	\$528
36 TX \$38,217 \$43,032 12.60 0.00 \$0 37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62<	34	UT	\$32,394	\$36,759	13.47	2.92	\$951
37 WI \$34,150 \$38,140 11.68 3.11 \$1,180 38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 </td <td>35</td> <td>FL</td> <td>\$31,420</td> <td>\$35,653</td> <td>13.47</td> <td>0.00</td> <td>\$0</td>	35	FL	\$31,420	\$35,653	13.47	0.00	\$0
38 NC \$35,248 \$38,437 9.05 3.35 \$1,189 39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 <td>36</td> <td>TX</td> <td>\$38,217</td> <td>\$43,032</td> <td>12.60</td> <td>0.00</td> <td>\$0</td>	36	TX	\$38,217	\$43,032	12.60	0.00	\$0
39 DE \$56,254 \$61,248 8.88 2.82 \$1,149 40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912	37	WI	\$34,150	\$38,140	11.68	3.11	\$1,180
40 IN \$33,257 \$36,168 8.75 2.17 \$757 41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912	38	NC	\$35,248	\$38,437	9.05	3.35	\$1,189
41 IL \$40,028 \$43,378 8.37 1.86 \$804 42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912	39	DE	\$56,254	\$61,248	8.88	2.82	\$1,149
42 AK \$60,589 \$63,846 5.38 0.00 \$0 43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912	40	IN	\$33,257	\$36,168	8.75	2.17	\$757
43 TN \$33,149 \$34,828 5.07 0.13 \$47 44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912	41	IL	\$40,028	\$43,378	8.37	1.86	\$804
44 OH \$35,236 \$36,421 3.36 2.37 \$854 45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912	42	AK	\$60,589	\$63,846	5.38	0.00	\$0
45 KY \$31,257 \$32,149 2.85 2.51 \$812 46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912	43		\$33,149	\$34,828	5.07	0.13	
46 MO \$34,719 \$35,594 2.52 2.34 \$859 47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912			\$35,236	\$36,421	3.36	2.37	
47 NV \$41,644 \$42,319 1.62 0.00 \$0 48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912				\$32,149	2.85	2.51	
48 SC \$30,379 \$30,845 1.53 2.25 \$742 49 GA \$36,520 \$36,252 -0.73 2.59 \$912							
49 GA \$36,520 \$36,252 -0.73 2.59 \$912	47				1.62	0.00	
				\$30,845	1.53	2.25	
50 MI \$34,803 \$32,839 -5.64 2.03 \$718							
	50	MI	\$34,803	\$32,839	-5.64	2.03	\$718

Average Growth 1997 -2009 Non-Income Tax States: 19.44% Income Tax States: 16.59% Two of the non-income tax states, Wyoming and South Dakota, ranked near the top of GSP growth; however, **the non-income tax (or limited income tax) states of Alaska, Nevada and Tennessee all ranked in the bottom ten states.** Over the entire period studied here (1997-2009), the states that rely on an individual income tax grew on average 16.6 percent while the non- or very limited individual income tax states grew, on average, 19.4 percent; obviously a very small difference.

Some specific state comparisons:

Oregon vs. Washington: These are two similar size states that border one another in the northwest tip of the United States. Oregon has no sales tax, but instead levies a relatively high state income tax of \$1,313 per capita, the seventh highest in the nation. Conversely, Washington has no income tax, instead relying on its sales tax, which generates \$1,728 per capita, the second highest in the nation. **The data show that Oregon, the income tax state, had the fourth highest economic growth rate while Washington ranked 23rd.**

Missouri vs. Tennessee: Proponents of the Mega Sales tax often cite Tennessee as a state tax system that Missouri should emulate. Tennessee combines a limited state individual income tax with the sixth highest general sales tax per capita to fund its state government. Tennessee also levies the 17th highest corporate income tax per capita at \$161. From 1997 through 2009, the data show that Tennessee ranked 43rd in the nation in economic growth. To be sure, Missouri has also been a slow growth state over this period. However, Missouri ranked 46th, not far behind Tennessee. Note also that real per capita GSP in Missouri has grown faster than Tennessee in 2007, 2008 & 2009.

Wyoming: Wyoming is easily the nation's top coal producing state and accounts for about 40 percent of the nation's coal tonnage. The Wyoming economy has been the beneficiary of the nation's growing need for electricity along with the coal that is burned to generate electrical power. Wyoming is able to fund government services without an income tax because its severance tax (primarily on coal extraction) generates \$1.2038 billion and accounts for 44.6 percent of its total state tax revenue.⁴

Summary

State economic growth is affected by a variety of factors. The data clearly indicate that there is no consistent or systematic correlation between a state's utilization of a state individual income tax and its rate of economic growth.

The Mission of the Missouri Budget Project is to advance public policies that improve economic opportunities for all Missourians, particularly low and middle income families, by providing reliable and objective research, analysis and advocacy. Contact the MBP through our website at www.mobudget.org

⁴ www.census.gov/govs/statetax/0951wystax.html