Approved:	February 4,	2010

Date

#### MINUTES OF THE SENATE WAYS AND MEANS COMMITTEE

The meeting was called to order by Chairman Jay Emler at 10:30 a.m. on January 25, 2010, in Room 548-S of the Capitol.

All members were present except:

Senator Janis Lee- excused Senator Ty Masterson- excused

#### Committee staff present:

Alan Conroy, Kansas Legislative Research Department
J. G. Scott, Kansas Legislative Research Department
Michael Steiner, Kansas Legislative Research Department
Dylan Dear, Kansas Legislative Research Department
Julian Efird, Kansas Legislative Research Department
Cody Gorges, Kansas Legislative Research Department
Jill Wolters, Office of the Revisor of Statutes
Daniel Yoza, Office of the Revisor of Statutes
Melinda Gaul, Chief of Staff
James Fisher, Intern
Shirley Jepson, Committee Assistant

#### Conferees appearing before the Committee:

Bruce Burditt, Office of Financial and Investment Management, Kansas Department of Transportation (KDOT)
Steve Weatherford, President, Kansas Development Finance Authority (KDFA)

#### Others attending:

See attached list.

#### **Introduction of Legislation**

Senator Vratil moved to introduce legislation concerning compensation for district magistrate judges (9rs1555). The motion was seconded by Senator Kelly. Motion carried on a voice vote.

Senator Schmidt moved to introduce legislation regarding technical adjustments relating to approval of state contracts (9rs1445). The motion was seconded by Senator Kelly. Motion carried on a voice vote.

## **Clarification of Testimony**

Senator Schmidt shared corrected information she received in response to questions asked of Dr. Andy Allison, Acting Director, Kansas Health Policy Authority (KHPA), when he testified before the Committee on January 15, 2010. The corrected information received from Dr. Allison includes:

- Medicaid pharmacy acquisition rates will be cut by 10 percent.
- With regard to the clearinghouse backlog of applicants for the State Children Health Insurance Program (SCHIP), assistance was offered by the Kansas Association of Medically Underserved at no cost to the state to help in processing the applications.
- ♦ The Committee requested a written response from KHPA regarding the clarifications.

#### **Subcommittee Guidelines**

Information on Subcommittee guidelines and assignments was distributed to the Committee (Attachment 1).

#### **Update on Debt Services and Bond Indebtedness**

Julian Efird, Legislative Research Department, presented an update on the Governor's Budget Report pertaining to the State's Debt Service (<u>Attachment 2</u>). Dr. Efird reported that the Governor's Budget Report includes recommended payment of \$350,183,764 in FY 2011, including \$96,122,661 from the State General



#### **CONTINUATION SHEET**

Minutes of the Senate Ways and Means Committee at 10:30 a.m. on January 25, 2010, in Room 548-S of the Capitol.

Fund (SGF). This is a total increase of \$37,603,437, including \$36,376,501 from the SGF, from the revised FY 2010 recommendation. The increase is partially a result of the debt restructuring approved by the 2009 Legislature.

Dr. Efird stated that most of the growth in SGF bond indebtedness may be attributed to three areas: \$500 million in pension obligation bonds (Kansas Public Employees Retirement System bonds); \$215 million in Capitol restoration bonds; and \$209.5 million in comprehensive transportation program bonds. Some of the large increase can be attributed to changes in the system of reporting.

Responding to questions from the Committee, Dr. Efird indicated that Kansas is still considered a "low" debt state. Much of the increased debt is attributable to actions of the Legislature because they have chosen to issue more bonds because of declining revenues.

Responding to a question from the Committee, Bruce Burditt, Office of Financial and Investment Management, Kansas Department of Transportation (KDOT), indicated that there are approximately \$38 million worth of bonds from the first Comprehensive Transportation Plan (CTP) that will mature in September 2013.

♦ The Committee requested additional data on the (1) growth or decline of gross state product; (2) what is happening within the state; (3) comparison with other states; and (4) census data with regard to industrial revenue bonds.

Steve Weatherford, President, Kansas Development Finance Authority (KDFA), presented an overview of the 2009 Kansas Debt Study (<u>Attachment 3</u>). Mr. Weatherford noted that approximately 1.5 percent of expenditures in FY 2010 from the SGF is for Debt Service.

Responding to a question from the Committee, Mr. Weatherford stated, in establishing a state's credit rating, the rating agency looks at state expenditures, state revenues and ability of the state to maintain an ending balance - all contribute to the fiscal condition of the state. Mr. Weatherford noted that the debt restructuring in 2009 did not produce savings for the state; however, was used as a way to provide budget relief for the state.

#### Adjournment

The next meeting is scheduled for January 26, 2010.

The meeting was adjourned at 11:30 a.m.

# SENATE WAYS AND MEANS COMMITTEE GUEST LIST

DATE: \_\_January 25, 2010\_\_\_

NAME	REPRESENTING
Brandon Yorkay	Briget
Linda Fund	43 Auson. CV Trustees
Shar. Albruch	KDHE
Travis Love	Lottle Gout Relations
Mika Hammond	Assoc of Culter
KOD MEALY	KRAMER & ASSOC
Berend Kopps	Hein La Firm
he Key Myalt	KNASW
Levi Henry	Sandstone Group Lity
Sur Phhallal	Lumy and-World
	V

#### Senate Subcommittee reminders:

- (1) Subcommittee scheduling will be done by the Chairman's Office. Subcommittee chairs and members will be given a schedule of all meetings, dates, and assigned rooms. Any changes to the schedule must be made in consultation with fiscal staff and all subcommittee members. Notice of changes shall be submitted to the Chairman's Chief of Staff.
- (2) Room availability is very limited. If room size is a concern, your secretary may contact Shari (6-2391) to inquire if previously scheduled committees are not planning to meet, freeing up rooms. If there is a room change, make sure to notify fiscal staff, subcommittee members, and Chief of Staff.
- (3) Subcommittees will start meeting on February 1.
- (4) Subcommittee reports are due as scheduled, in order for fiscal and revisor staff to complete drafting of the committee bill in a timely manner. If there are difficulties in completing the report on time, the Chairman's Office must be notified at the earliest possible moment.
- (5) Subcommittee chairs' secretaries will submit meeting agenda information to the Senate calendar and will assist those wishing to testify.
- (6) The Revisor's Office is available to assist with legal issues during subcommittee meetings. Please contact Jill or Daniel to make arrangements.
- (7) On days that the Senate is not in Session on Fridays, there will be subcommittee meetings. Full Committee will also be meeting at its regularly scheduled time. If the agenda is light in full committees, subcommittees may be scheduled to meet upon adjournment of full committee.

# KANSAS LEGISLATIVE RESEARCH DEPARTMENT

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kslegres@klrd.ks.gov

http://www.kslegislature.org/klrd

January 25, 2010

To:

Senate Committee on Ways and Means

From:

Julian Efird, Principal Analyst

Re:

State Debt Service and Bond Indebtedness

The Governor's Budget Report includes recommended payments of \$350,183,764 in FY 2011, including \$96,122,661 from the State General Fund (SGF), for debt service principal and interest. This is an increase of \$37,603,437, including \$36,376,501 from the SGF, from the revised FY 2010 recommendation. The increased payments in FY 2011 may be attributed in part to the Governor's plan, approved by the 2009 Legislature, for budgetary relief through debt restructuring in which new bonds were issued to make FY 2010 principal payments for SGF indebtedness. Planned refinancing in FY 2010 was estimated to achieve \$39.0 million in budgetary relief. Most of the increased debt service in FY 2011 includes the Governor's recommendations for reporting a number of debt service payments for which principal was paid from bond proceeds in FY 2010 and not categorized as reportable debt service in the Indebtedness of the State Schedules (pp. 206-214) in Volume 1 of the Governor's Budget Report. Payments from bond proceeds typically are treated as non-reportable when expenditures from bond proceeds occur, and then the principal and interest payments are reflected as reportable expenditures later in the state accounting system to avoid double-counting such transactions.

#### **Governor's Recommended Debt Service Payments**

On-Budget	· <del></del>	Actual FY 2009	Gov. Rec. FY 2010	 Gov. Rec. FY 2011	_	FY 10-FY 11 Change
SGF	\$	77,915,095	\$ 59,746,160	\$ 96,122,661	\$	36,376,501
AOF		208,410,461	 250,126,958	 250,657,795		530,837
Subtotals	\$	286,325,556	\$ 309,873,118	\$ 346,780,456	\$	36,907,338
Off-Budget						•
AOF		3,446,412	2,707,209	3,403,308		696,099
Grand Totals	\$	289,771,968	\$ 312,580,327	\$ 350,183,764	\$	37,603,437

The Kansas Development Finance Authority (KDFA) annually performs a Kansas Debt Study which it reports to the Governor, the Budget Director, and the State Finance Council. KDFA is the entity which issues most of the bond debt on behalf of the state. In addition to providing several metrics about state bond debt and financing sources, the report also presents listings of proposed and authorized debt issuance, and comparisons to surrounding states based on a report from Moody's on *State Debt Medians*. Both the KDFA 2009 Kansas Debt Study and the 2009 Moody's *State Debt Medians* (which includes 2008 data) are attached for reference.

The state's debt service payments reflect an underlying bond indebtedness that will total an estimated \$3.67 billion in FY 2011, including an estimated \$1.08 billion of debt pledged from the State General Fund, according to Volume 1 of the *Governor's Budget Report*. Most of the recent growth in SGF bond indebtedness may be attributed to three areas: \$500 million in pension obligation bonds, \$215 million in Capitol restoration bonds, and \$209.5 million in comprehensive transportation program bonds. Much of the all other funds (AOF) debt reflects the comprehensive transportation program bonds pledged from the State Highway Fund.

#### State Bond Indebtedness

Estimated	SGF Amount	AOF Amount	AF Amount
FY 2000	***	***	\$ 1,427,911,190
FY 2001	***	***	\$ 1,781,202,105
FY 2002	***	***	\$ 2,506,059,479
FY 2003	***	***	\$ 2,334,940,984
FY 2004	***	***	\$ 2,519,100,301
FY 2005*	***	***	\$ 3,713,838,876
FY 2006	***	***	\$ 3,830,183,786
FY 2007	***	***	\$ 3,951,759,149
FY 2008**	\$ 905,830,000	\$ 2,349,729,844	\$ 3,255,559,844
FY 2009	\$ 945,325,000	\$ 2,867,225,065	\$ 3,812,550,065
FY 2010	\$ 996,975,000	\$ 2,800,372,000	\$ 3,797,347,000
FY 2011	\$ 1,084,395,000	\$ 2,581,584,338	\$ 3,665,979,338

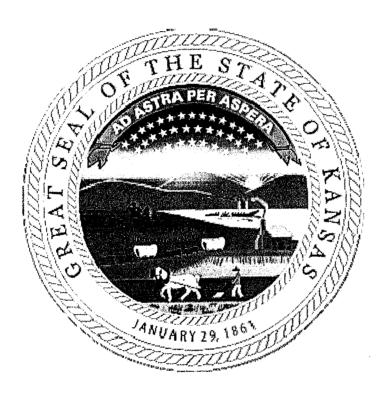
#### Notes:

- \* \$500 million in pension obligation bonds were issued in FY 2004, first reflected in FY 2005 state debt, as were \$597 million in highway bonds, to account for most of the increase of over \$1.2 billion in state debt from year-to-year.
- \*\* Almost \$648 million of FY 2007 debt for the Department of Health and Environment was designated as local water resource bonds in FY 2008. By recharacterizing the bonds as local obligations to repay the debt, those bonds were no longer considered a state debt.
- \*\*\* Not Available.

#### Sources:

Governor's Comparison Report, FY 2000 to FY 2010. Governor's Budget Report Volume 1 – FY 2011.

# 2009 Kansas Debt Study



Prepared by: Kansas Development Finance Authority

Senate Ways & Means Cmte
Date 1-25-2010
Attachment 3

#### Background

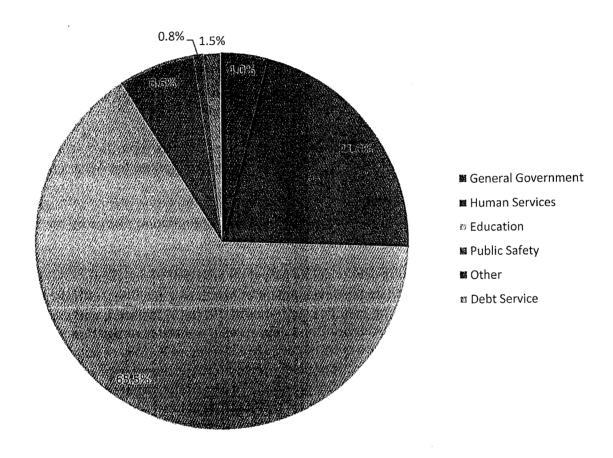
Kansas Development Finance Authority ("KDFA") was created by the Kansas legislature as a public body politic and corporate, with corporate succession, to be an independent instrumentality of the State of Kansas. KDFA was created as an independent instrumentality, to clearly establish a separate entity from the State of Kansas for purposes of debt issuance in order that the debt may clearly be characterized as debt of the Authority, and not direct debt of the State of Kansas. The Authority's independent public corporation status also serves to contain liability exposure related to its debt issuance and post-issuance administration practices to KDFA, and not the State of Kansas.

In early 2008, KDFA developed its first annual debt study to provide relevant data to assist policymakers in making financing decisions for the State. The purpose of this 2009 Debt Study is to give policymakers a picture of the State's debt position on June 30, 2009. It is anticipated that this report will continue to be prepared annually such that the State's debt trends can be monitored. Further, the report makes some projections to help policymakers understand and measure the financial impact of future debt issuance.

The information generated by this analysis is provided to: the KDFA Board of Directors; the Governor's office; the State Budget Director; and, members of the State Finance Council. This analysis will also be posted on the KDFA website (www.kdfa.org). The information can be used by the legislature to establish priorities during the legislative appropriation process. Additionally, as the legislature considers new financing initiatives, the long-term financial impact of any proposal can be evaluated upon request. The information generated by this analysis is important for policymakers to consider because their decisions on additional borrowing affect the fiscal health of the State.

This study is not meant to be a replication of the Comprehensive Annual Financial Report's (CAFR) Long-term Obligations section. The CAFR is prepared annually by the Division of Accounts and Reports.

# State General Fund (SGF) Debt Service as a Percent of Expenditures (FY2010)



#### **Terminology & Nomenclature**

User-Fee Supported Debt is debt secured by revenues generated from the operation of the associated facilities that were financed by the debt issuance. Some examples are debt payable from parking garage fees, housing revenues, or other available revenues of the obligor. These obligations are not secured by traditional State tax revenues or the State General Fund. None of this debt is secured by a general obligation pledge or an annual appropriation by the Legislature of State revenues. Tabulated in Appendix page A-1.

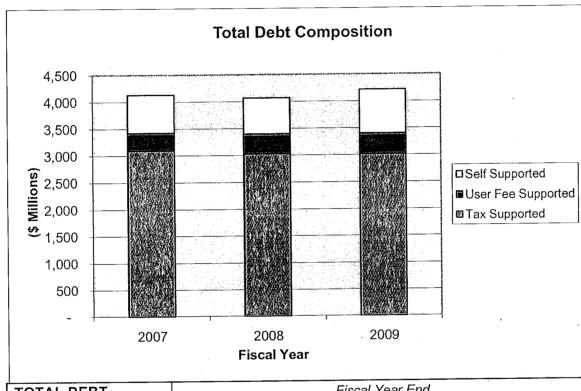
Self-Supporting Debt is the primary obligation of a legal entity other than the State (in most cases these entities are city and county government units in the State). None of this debt is secured by a general obligation pledge or an annual appropriation by the Legislature of State revenues. Tabulated in Appendix page A-2.

**Tax-Supported Debt** is debt secured by traditional State revenues typically generated through taxation. For each debt issuance a specific pledge of revenues has been made to secure the repayment of principle and interest for the bonds (e.g. Highway Fund revenues for KDOT debt). None of this debt is secured by a general obligation pledge of State revenues. A portion of this debt is secured by an annual appropriation pledge by the Legislature. Tabulated in Appendix pages A-3 through A-5.

Private Activity Bond Debt is debt which is issued on behalf of various non-governmental entities to facilitate the development of health care facilities, affordable housing facilities, manufacturing facilities, activities of 501(c)(3) facilities, and various other private activities. Private Activity Bond debt service is the sole obligation of the private activity borrower, and there is no recourse to the State of Kansas or any taxing subdivision thereof. The debt service is typically repaid through a pledge of the revenues generated by the financed facility or other general revenues of the private activity borrower. As such, private activity debt issued by KDFA is not included in this report.

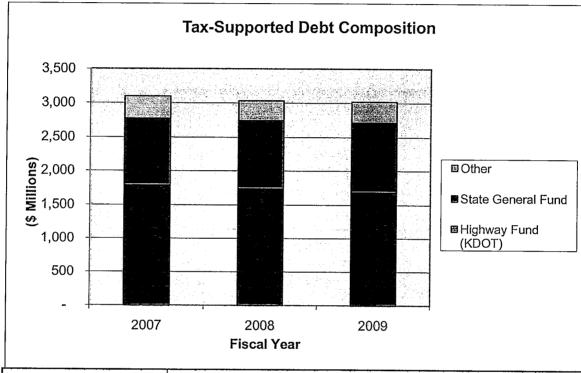
#### **Debt Outstanding**

Total State debt outstanding at June 30, 2009 was \$4.217 billion approximately \$147 million MORE than at June 30, 2008. User-fee supported debt totaled \$380 million (Appendix page A-1). This represented a \$13 million INCREASE from the prior year. Additionally, self-supporting debt outstanding at June 30, 2009 was \$816 million which was \$146 million MORE than at June 30, 2008 (Appendix page A-2). Tax-supported debt totaled \$3.020 billion for financings supported by State tax revenues or tax-like revenues which was an annual DECREASE of approximately \$13 million (Appendix pages A-3 to A-5). Approximately one quarter of all debt is supported by the State General Fund (SGF).



## **Tax-Supported Debt**

Tax-supported debt comprises the majority of the State's debt. Further, the majority of tax-supported debt comes from the State's investment in transportation infrastructure as detailed below. Highway Fund (KDOT) debt was issued in conjunction with the State's Comprehensive Transportation Programs and is financed by motor fuel taxes, vehicle registration fees, sales taxes and federal aid reimbursements (Appendix A-5). State General Fund debt is backed by an annual appropriation pledge from the Legislature (Appendix A-4). Other Tax-Supported debt includes bonds secured by the Educational Building Fund and other Special Revenue Funds (Appendix A-3).



TAX-SUPPORTED DEBT			Fiscal Y	ear End		
(\$ Millions)	2007 2008 2009		2007 2008			09
State Highway Fund	1,789	57.7%	1,739	57.3%	1,686	55.8%
State General Fund	982	31.7%	1,003	33.1%	1,028	34.0%
Other	328	10.6%	292	9.6%	305	10.1%
Total	3,100		3,033		3,020	

## **State General Fund Debt Ratio**

While there has been measurable growth in the percentage of SGF Revenues going towards debt service over the past several years, the overall percentage of SGF Revenues going towards debt service is small. The largest contributors for the growth in SGF Debt Service in recent years are from the following issuances of debt:

- 2004C Kansas Public Employees Retirement System (\$500.0M)
- Various Series of State Capitol Restoration Project (\$215.1M)
- 2006A Kansas Department of Administration Comprehensive Transportation Program (\$209.5M)

SGF DEBT RATIO			Fisco	al Year		
(\$ Millions)	2006	2007	2008	2009	2010*	2011*
SGF Revenue	5,394.4	5,809.0	5,694.9	5,589.0	5,301.0	5,179.0
SGF Debt Service	48.2	63.3	86.0	83.6	87.3	92.9
Debt Service as % of Revenue	0.89%	1.09%	1.51%	1.50%	1.65%	1.79%

<sup>\*</sup> November 2009 Revenue Estimate

#### **Proposed Debt Issuance**

As of June 30, 2009, approximately \$520 million of debt is expected to be issued over the next several years based on current authorizations from the State Legislature. This is approximately \$30 million less than a year ago. The most notable additions are the State's obligation to provide financing to the University of Kansas to construct and remodel the School of Pharmacy (\$30 million); continued renovation of the State Capitol (\$38 million); and, improvements to University facilities that will be financed through user fees (Housing, Research Revenue, etc.). The user fee financed facilities are not an obligation of the State General Fund.

#### Authorized **Proposed** Debt Issuance

DESCRIPTION	AUTHORIZED BY (OR REAUTHORIZED)	BALANCE AT 06/30/08	ISSUED FY 2009	AUTHORIZED IN FY 2009 (OR REAUTHORIZED)	BALANCE AT 06/30/09	ISSUED YTD FY 2010	Repayment Security
KSU Greenhouse Lab	HB2354	1,700,000		1,700,000	1,700,000		Tax - EBF
KSU Horticulture Research Center	HB2354	1,500,000		1,500,000	1,500,000		Tax- EBF
		3,200,000		3,200,000	3,200,000		TOTAL Tax

DESCRIPTION	AUTHORIZED BY (OR REAUTHORIZED)	BALANCE AT 06/30/08	ISSUED FY 2009	AUTHORIZED IN FY 2009 (OR REAUTHORIZED)	BALANCE AT 06/30/09	ISSUED YTD FY 2010	Repayment Security
BOR Community College loans (PEI Loan Program)		80,000,000	20,000,000	,	60,000,000		SGF - Interest; Self- Supporting - Principal
Adjutant General - renovate armories	HB2482, Sec 47, pg 22	3,000,000	-		Lapsed		Tax - SGF
DOA - Capitol Renovations	HB 2368 Sec 171 Page 185	37,020,011	37,020,011		0		Tax - SGF
DOA - Capitol Renovations	SB 534 Sec 137(i)	38,800,000			38,800,000	38,800,000	Tax - SGF
Dept of Corrections - expand prison capacity	HB 2946 Sec 11(d)	17,825,000			Lapsed		Tax - SGF
KU Constuct & Remodel School of Pharmacy	HB 2946 Sec 36(a)	20,000,000	20,000,000				Tax - SGF
KU Constuct & Remodel School of Pharmacy	HB2354			30,000,000	30,000,000	30,000,000	Tax - SGF
NBAF	KSA 74-8963	105,000,000		105,000,000	105,000,000		Tax - SGF
DWP - New office space	HB2354			1,665,000	1,665,000	1,665,000	Tax - SGF
DOA - Capitol Renovations	HB2372			38,000,000	38,000,000		Tax - SGF
		308,045,011	77,020,011	181,065,000	279,865,000	70,465,000	TOTAL Tax - SGF

#### **CONTINUED NEXT PAGE**

DESCRIPTION	AUTHORIZED BY (OR REAUTHORIZED)	BALANCE AT 06/30/08	ISSUED FY 2009	AUTHORIZED IN FY 2009 (OR REAUTHORIZED)	BALANCE AT 06/30/09	ISSUED YTD FY 2010	Repayment Security
KSU Child Care Facility	HB2354	6,000,000		6,000,000	6,000,000	5,000,000	User-Fee
KSU Renovation of Bramlage Coliseum & Bill Snyder Family Stadium	HB2354	45,000,000		45,000,000	45,000,000		User-Fee
KSU Renovation of Bramlage Coliseum & Bill Snyder Family Stadium	НВ2354	24,000,000		24,000,000	24,000,000		User-Fee
KSU Housing ( JARDINE)	HB2354	38,000,000		38,000,000	38,000,000		User-Fee
PSU - Parking Improvements	HB2354	4,000,000	4,000,000	4,000,000	0		User-Fee
PSU - Student Housing	HB2354	22,000,000	12,000,000	22,000,000	10,000,000		User-Fee
PSU - Student Health Center	HB2354	3,750,000	1,500,000	3,750,000	0		User-Fee
KUMC parking facilities 4	HB2354	8,550,000		9,200,000	9,200,000		User-Fee
KUMC ambulatory care facility	SB 534 Sec 153(f)	66,000,000			Lapsed		User-Fee
KUMC Remodel Clinical Research Center	HB2354			25,000,000	25,000,000		User-Fee
KUMC Renovate Hixon/Wahl Lab	HB2354			34,000,000	34,000,000		User-Fee
KU Renovation of Jayhawk Towers - Phase	HB2354	8,100,000	5,000,000	6,000,000	1,000,000		User-Fee
KU Renovation of Jayhawk Towers - Phase 2	HB2354			6,950,000	6,950,000		User-Fee
KU Renovation of Pearson Hall	HB2354	13,075,000		13,075,000	13,075,000		User-Fee
KU Construct Bidg #4 - Edwards Campus	HB2354			24,950,000	24,950,000		User-Fee
Campus		238,475,000	22,500,000	261,925,000	237,175,000	5,000,000	TOTAL User-Fee
		549,720,011	99,520,011	446,190,000	520,240,000	75,465,000	GRAND TOTAL

This table does not take into account future plans for any other planned capital expenditure that has not already been authorized by the Legislature to be financed through debt issuance.

The projects identified in the table above are authorized to be financed through debt issuance. Certain projects may have already been financed, and the authorization represents unissued debt which may be issued, if necessary, to complete the project, or may contain remainder authorization that ultimately will not be needed or issued. In some instances, the agencies elect to pursue a different course, and debt may never be issued for an authorized project.

As indicated by the sum total of the second to last column, \$75.465 million of the outstanding authorizations at the end of Fiscal Year 2009 had been issued in the first half of Fiscal Year 2010.

The estimated additional burden on the SGF in Fiscal Year 2011 from debt service if all of the SGF backed authorized debt was issued in Fiscal Year 2010 would be \$17.8 million which is about 0.3% of estimated Fiscal Year 2011 SGF revenue. This value was estimated using 20 year level debt service and an interest rate of 5% for the SGF authorizations indicated above except for the PEI Loan Program. For the PEI Loan Program, only \$20 million of the remaining \$60 million can be issued in Fiscal Year 2010; the program amortizes its debt over eight years; and, the SGF is only responsible for the repayment of interest.

## **Surrounding State Comparison**

In July 2009, Moody's Investor Services published a report titled "State Debt Medians". With this report Moody's calculates a handful of debt ratios for all fifty states and tabulates the results listing all the states in order for the various ratios. In the 2009 report the following data can be found for Kansas and surrounding states for comparison:

State	Net Tax- Supported Debt <sup>(1)</sup> Per Capita	Rank	Net Tax- Supported Debt as a % of 2007 Personal Income	Rank	Moody's Rating
Kansas	\$1,164	17 (up 1)	3.2%	19 (down 1)	Aa1 <sup>(2)</sup>
Oklahoma	\$511	39	1.5%	37	Aa3
Colorado	\$340	45	0.8%	45	NGO <sup>(3)</sup>
Nebraska	\$17	50	0.0%	50	NGO <sup>(3)</sup>
Iowa	\$79	49	0.2%	48	Aa1 <sup>(2)</sup>
Missouri	\$670	35	2.0%	33	Aaa
Surrounding Average	\$464	-	1.3%		
US Average	\$1,195		3.1%	Fac Cumported	1 1 1

Notes:

- (1) Moody's defines Net Tax-Supported Debt to include some User-Fee Supported Debt. In the case for Kansas, this figure includes SGF backed debt, all other Tax-Supported debt including KDOT debt, and the majority of User-Fee Supported Debt. A similar S&P's study yields consistent results
- (2) Issuer Credit Rating
- (3) No General Obligation Rating

While Kansas's ratios are measurably higher than the surrounding state group's, it is important to note that Moody's rating, which is an "all in" measure of a state's ability and willingness to pay its obligations on time, is consistent with the surrounding state group. Further, different states make different financing choices which leads to variations in the level of services provided by the state and the condition of the state's infrastructure.

Kansas's ability and cost to using debt as a financing tool is determined by our <u>credit</u> rating not by the ranking in this study. In fact, while Oklahoma's per capita rankings are much lower than Kansas', their credit rating is two notches lower. Further, Iowa's per capita rankings are near the bottom of the rankings but has the same credit rating as Kansas.

#### **Review of Credit Ratings**

Credit ratings are the rating agencies' assessments of a governmental entity's ability and willingness to repay debt on a timely basis. Credit ratings are an important indicator in the credit markets and influence interest rates a borrower must pay. Each of the rating agencies believe that debt management generally, and this debt report in particular, are positive factors in assigning credit ratings.

Kansas is a strong credit as reflected in our AA+ and Aa1 ratings from S&P and Moody's respectively. There are several factors which rating agencies analyze in assigning credit ratings: financial factors, economic factors, debt factors, and administrative / management factors. Weakness in one area may well be offset by strength in another. However, significant variations in any single factor can influence a bond rating.

The outlook for the State's credit rating is stable. The rating agencies note that the State's debt burden has increased in recent years. However, the debt burden is still considered low to moderate at the current level. Positive factors listed in the rating reports include: strong management; low liability for other post-employment benefits; relatively diverse economic base; and, historically conservative fiscal management. However, challenges to the State's rating are presented by: spending pressures and revenue slowdown; use of non-recurring fiscal measures; and, suspension of the statutory reserve requirement.

Both Moody's and S&P most recent rating reports are as of August 2009. Since then the State's revenue and budget forecasts have continued to decline. All the major rating agencies have taken some rating actions against states or municipalities that have been more profoundly affected by our current economic cycle. Since Kansas is also experiencing these economic cycles it is certainly possible that S&P or Moody's could take rating actions against the State of Kansas.

#### **User-Fee Supported Debt**

Source of Repayment: revenues generated from the operation of the associated facilities that were financed by the debt issuance. These obligations are not secured by traditional State tax revenues. None of this debt is secured by a general obligation pledge or an annual appropriation by the Legislature of State revenues.

Serjes  Kansas Board of Regents - Emporia State University Aemontal Union Reacovation Project  Annass Board of Regents - Liniversity of Kansas Regents Center Refunding Project  Kansas Board of Regents - University of Kansas Regents Center Refunding Project  Kansas Board of Regents - University of Kansas Regents Center Refunding Project  Kansas Board of Regents - University of Kansas Regents Center Refunding Project  Kansas Board of Regents - University of Kansas Regents Center Refunding Project  Kansas Board of Regents - University of Kansas Regents Center Refunding Project  Kansas Board of Regents - University of Kansas Regents Center Refunding Project  Kansas Board of Regents - University of Kansas Center Refunding Project  Kansas Board of Regents - University of Kansas Center Refunding Project  Kansas Board of Regents - University of Kansas Center Refunding Purchase Project  Kansas Board of Regents - University of Kansas Center Refunding Purchase Project  Kansas Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project  Kansas Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project  Kansas Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project  Kansas Board of Regents - University of Kansas Parking Garage #2 Constitution Project  Kansas Board of Regents - Kansas State University Parking System Project  Kansas Board of Regents - Kansas State University Student Recreation Facility Project  Kansas Board of Regents - Kansas State University Student Recreation Facility Project  Kansas Board of Regents - Kansas State University Recreation Facility Project  Kansas Board of Regents - Kansas State University Recreation Complex Expension Project  Kansas Board of Regents - Kansas State University Recreation Facility Project  Kansas Board of Regents - Kansas State University Recreation Facility Froject  Kansas Board of Regents - Kansas State University Regent Recreation Facility Froject  Kansas Board of Regents - U			
Sansas Board of Regents - Kansas State University Amendal Union Renovation Project   2,927	Carian	Title	Balance 6/30/09
Kansas Board of Regents - Kansas State University Farrell Libry Expansion Project   5,589	1000	Keeper Roard of Repents - Emporia State University Memorial Union Renovation Project	131,000
Kanasa Board of Regents - University of Kanasa Regents Center returning Project   5,698	1005	Kansas Board of Regents - Kansas State University Farrell Library Expansion Project	2,020,000 550,000
Kansas Board of Regents - Luiversity of Kansas Housing System Renovation Project - Lewis Hall Project   3,171	0070	Karras Board of Poponte - University of Kansas Regents Center Retunding Project	5,690,000
Kanasa Board of Regents - University of Kansas Flousing System Renovation Project - Williard Hall Project 96 Kanasa Board of Regents - Pitisburg State University Housing System Renovation Project - Williard Hall Project 97 888H Kanasa Board of Regents - University of Kansas Continuing Education Building Purchase Project 1, 24 884 Kanasa Board of Regents - University of Kansas Continuing Education Building Purchase Project 1, 24 884 Kanasa Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project 1, 24 990 Kanasa Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project 1, 25 990 Kanasa Board of Regents - University of Kansas Child Care Facility Constitution Project 1, 25 990 Kanasa Board of Regents - Workins State University Parking System Project 1, 26 990 Kanasa Board of Regents - Workins State University Parking System Project 1, 26 990 Kanasa Board of Regents - Kanasa State University Parking System Project 1, 26 990 Kanasa Board of Regents - Kanasa State University Received Recreation Foreignet 1, 26 990 Kanasa Board of Regents - Kanasa State University Recreation Complex Expansion Project 1, 27 990 Kanasa Board of Regents - Kanasa State University Recreation Complex Expansion Project 1, 27 990 Kanasa Board of Regents - University of Kanasa Discover Campus Parking Facilities Project 1, 27 990 Kanasa Board of Regents - University of Kanasa Board of Regents - University of Kanasa Board of Regents - University of Kanasa State Office Regent Project 1, 27 990 Kanasa Board of Regents - University of Kanasa Board of Regents - University of Kanasa Board of Regents - University of Kanasa Stoyard Campus Parking Facilities Project 1, 27 990 Kanasa Board of Regents - University of Kanasa Stoyard University Project State Project - 1, 27 990 Kanasa Board of Regents - Scientific Research & Development Facilities Project - KSU Roomas Board of Regents - Scientific Research & Development Facilities Project - KSU Roomas Board Facilities Project - KSU Roomas		Konsas State University Student Union Renovation and Expansion Project	3,100,000
Kansas Board of Regents - Pittsburg State University Flousing system retrouval religion from the common state of the common		K Beart of Degrate University of Kansas Housing System Renovation Project - Lewis Hall Project	3,715,000
Kansas Board of Regents - University of Kansas Continuing Education Bulliang Furbisser Project   1,199   Kansas Board of Regents - Viniversity of Kansas Medical Center - Center for Health in Aging Project   2,249   Kansas Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project   2,249   Kansas Board of Regents - University of Kansas Child Care Facility Construction Project   4,371   Kansas Board of Regents - University of Kansas Child Care Facility Construction Project   3,369   Kansas Board of Regents - Winiversity of Kansas Child Care Facility Construction Project   3,369   Kansas Board of Regents - Kansas State University Parting System Project   3,369   Kansas Board of Regents - Kansas State University Parting System Project   3,369   Kansas Board of Regents - Kansas State University Student Recreation Facility Project   4,371   Kansas Board of Regents - Kansas State University Student Recreation Facility Project   4,371   Kansas Board of Regents - Kansas State University Student Recreation Facility Project   4,371   Kansas Board of Regents - Kansas State University - Salina, College of Technology Housing System Project   2,920   Kansas Board of Regents - Kansas State University - Salina, College of Technology Housing System Project   2,920   Kansas Board of Regents - University of Kansas Educate Hall Project   4,371   Kansas Board of Regents - University Recreation Comptex Expansion Project   4,371   Kansas Board of Regents - University Recreation Comptex Parting Facilities Project   4,371   Kansas Board of Regents - University Profession Recreated Center Project   4,371   Kansas Board of Regents - University Profession Recreated Center Project   4,371   Kansas Board of Regents - University Profession Recreated Center Recovation Project   4,371   Kansas Board of Regents - William State University Recreation Recreated Center Recovation Project   4,371   Kansas Board of Regents - William State University Recreated Recreated Recreated Recreated Recreated Recreated Recreat	0000	Kennes Board of Regents - Pittsburg State University Housing System Renovation Project - Willard Flair Floor	930,000
Kansas Board of Regents - Pittsburg State University of Kansas Medical Center - Center for Health in Aging Project   2,94   September   2,94   Kansas Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project   2,94   Kansas Board of Regents - University of Kansas Schild Care Facility Construction Project   4,37   September   4,37   Sept	20011	Kennes Beard of December University of Kansas Continuing Education Building Purchase Project	2,410,000
Kansas Board of Regents - University of Kansas Medical Center - Center of reastmin Auging Project   2,049	0000	Kenney Reard of Regents - Pittsburg State University Horace Mann Administration Building Renovation Project	1,920,000
Kansas Board of Regents - University of Kansas Child Care Facility Construction Project   4,31	0000	Kappag Board of Regents - University of Kansas Medical Center - Center for Health in Aging Project	2,045,000
Kansas Board of Regents - University of Kansas Parking Garage #2 Construction Project   3,00	10000	Kansas Board of Regents - University of Kansas Child Care Facility Construction Project	4,310,000
Manasa Board of Regents - Kansas State University Ackert Hall Addition Project   1,98	1999D	Kansas Board of Regents - University of Kansas Parking Garage #2 Construction Project	3,095,000
Manasa Board of Regents - Emporia State University Visualina, College of Technology Housing System Project   2,92	2000B	Kansas Board of Regents - Wichita State University Parking System Project	935,000
1001G-1   Kansas Board of Regents - Kansas State University - Sailna, College of 1 ectnology Housing System Project   2,92	2000D	Kansas Board of Regents - Kansas State University Ackert Hall Adoution Project	1,985,000
Manasa Board of Regents - Kansas State University Recidence Hall Project	2001B	Kansas Board of Regents - Emporia State University Student Recreation Facility Frights System Project	420,000
Manasa Board of Regents - Emporia State University - Residence Hail Project   4,37	2001G-1	Kansas Board of Regents - Kansas State University - Salina, College of Technology Trousing System 11964	2,925,000
Marsas Board of Regents - University of Kansas Board of Regents - University of Kansas Bioscience Research Center Project   1,77	2001G-2	Kansas Board of Regents - Kansas State University Recreation Complex Expension Froject	,
Mansas Board of Regents - University of Kansas Bioscience Research Center Project   Kansas Board of Regents - University of Kansas Student Union Renovation Project	2001G-3	Kansas Board of Regents - Emporia State University - Residence had reject	
002A-1 Kansas Board of Regents - University of Kansas Student Union Renovation Project - Ellsworth Hall 9,74 002A-1 Kansas Board of Regents - University of Kansas Housing System Renovation Project - Ellsworth Hall 9,28 002A-2 Kansas Board of Regents - University of Kansas Student Recreaction and Fitness Center Project 9,28 002A-2 Kansas Board of Regents - University of Kansas Edwards Campus Project 5,11 002P Kansas Board of Regents - University of Kansas Edwards Campus Project 9,23 002P Kansas Board of Regents - Vicinita State University Overman Student Center Renovation Project 2,05 003A Kansas Board of Regents - Steintlific Research & Development Facilities Project - KSU Food Safety 20,17 003C Kansas Board of Regents - Scientlific Research & Development Facilities Project - KUMC Biosciences Research 30,88 003C Kansas Board of Regents - Scientlific Research & Development Facilities Project - KUMC Biosciences Research 30,88 003C Kansas Board of Regents - Scientlific Research & Development Facilities Project - KUMC Biosciences Research 1,17 003C Kansas Board of Regents - Scientlific Research & Development Facilities Project - KUMC Biosciences Research 1,17 003C Kansas Board of Regents - Scientlific Research & Development Facilities Project - KUMC Biosciences Research 1,17 003C Kansas Board of Regents - Scientlific Research & Development Facilities Project - KUMC Biosciences Research 1,17 003C Kansas Board of Regents - Fort Hays State University Housing System Refunding & Renovation Project (refunds 1994E) 4,44 003C Kansas Board of Regents - Fort Hays State University Housing System Refunding & Renovation Project (refunds 1993C) 7 003C Kansas Board of Regents - Fort Hays State University Housing System Renovation Project - Bonita Terrace Apartments 1,00 003C Kansas Board of Regents - Scientific Research & Development Facilities Project - Hosas II - \$66,530,000 003C Kansas Board of Regents - Scientific Research & Development Facilities Project - WILL CANDER CANDER CANDER STATE CANDER STATE CANDER STATE CANDER STA	2001G-4	Kansas Board of Regents - University of Kansas Lawrence Campus Paramir admices Project	4,370,000
002A-1       Kansas Board of Regents - University of Kansas Housing System Renovation Project       9,28         002A-2       Kansas Board of Regents - University of Kansas Student Recreaction and Fitness Center Project       5,12         002F       Kansas Board of Regents - University of Kansas Edwards Campus Project       9,23         002P       Kansas Board of Regents - Wichita State University Housing System Renovation Project       2,05         003A       Kansas Board of Regents - Scientific Research & Development Facilities Project - \$72,670,000       20         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KUMC Biomedical Research       30,8         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KUMC Biomedical Research       11,2         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KUMC Biomedical Research       1,6         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KUMC Biomedical Research       1,6         003C       Kansas Board of Regents - Fort Hays State University Housing System Refunding & Renovation Project (refunds 1994E)       4,4         003D-1       Kansas Board of Regents - Fort Hays State University Housing System Lewis Field Stadium Renovation Project (refunds 1993C)       7,3         003D-1       Kansas Board of Regents - Fort Hays State University Housing System Renovation Project - Bonit	2001T-1	Kansas Board of Regents - University of Kansas Bioscience Research Center 1 Open	1,775,000
002A-2       Kansas Board of Regents - University of Kansas Student Recreaction and rifness Center Project       5,12         002K       Kansas Board of Regents - University of Kansas Edwards Campus Project       9,23         002P       Kansas Board of Regents - Wichital State University Housing System Renovation Project       2,05         003A       Kansas Board of Regents - Pittsburg State University Overman Student Center Renovation Project       2,01         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KUR Good Safety       30,80         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KUR Biosciences Research       30,80         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KU Biosciences Research       1,12         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KU Biosciences Research       1,6         003C       Kansas Board of Regents - Scientific Research & Development Facilities Project - KUB Engineering Complex       1,6         003D-1       Kansas Board of Regents - Fort Hays State University Housing System Refunding & Renovation Project (refunds 1994E)       4,4         003D-1       Kansas Board of Regents - Energy Conservation Projects - KUMC       11,0         003D-1       Kansas Board of Regents - Energy Conservation Projects - KUMC       17,3         003D-1	2001T-2	Kansas Board of Regents - University of Kansas Student Onlor Netrovation Project- Filsworth Hall	9,740,000
Mansas Board of Regents - University of Kansas Edwards Campus Project   9,23	2002A-1	Kansas Board of Regents - University of Kansas Housing System Renovation and Filmess Center Project	9,280,000
Monasa Board of Regents - Wichita State University Housing System Renovation Project   2,05		Kansas Board of Regents - University of Kansas Student Recreation and Thirds Control Project	5,120,000
Kansas Board of Regents - Pittsburg State University Overman Student Center Renovation Project   \$72,670,000		Kansas Board of Regents - University of National Edwards Campus Types	9,235,000
Manasa Board of Regents - Scientific Research & Development Facilities Project - KSU Food Safety   20,17		Kansas Board of Regents - Wichila State University Overman Student Center Renovation Project	2,055,000
Manasa Board of Regents - Scientific Research & Development Facilities Project - KUMC Biomedical Research   30,80		Kansas Board of Regents - Pitsburg State University Overhild Regular Regular Regular Project - \$72,670,000	<u> </u>
Kansas Board of Regents - Scientific Research & Development Facilities Project - KURIC biosciences Research   1,12		The product Demands Colontico Decearch & Development Facilities Project - NOUT Out Outcome.	20,172,795
Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU Engineering Complex  1,61  1,62  1,63  1,		Ly Dead of December Scientific Decearch & Development Facilities Project - NUVIC Digital Research	30,809,861
Kansas Board of Regents - Scientific Research & Development Facilities Project - WOZ Lighteeting Congrus (refunds 1994E) 4,43 (2003D-1 Kansas Board of Regents - Fort Hays State University Housing System Refunding & Renovation Project (refunds 1993C) 73 (2003D-2 Kansas Board of Regents - Fort Hays State University Housing System Lewis Field Stadium Renovation Project (refunds 1993C) 74 (2003J-1 Kansas Board of Regents - Energy Conservation Projects - KUMC 11,00 (2003J-1 Kansas Board of Regents - Energy Conservation Projects - KUMC 11,00 (2003J-1 Kansas Board of Regents Pittsburg State University Housing System Renovation Project - Bonita Terrace Apartments 1,00 (2003K) (		To a December Colontific Decearch & Development Facilities Project - No biosciences recours.	1,125,000
Manage Board of Regents - Fort Hays State University Housing System Returding & Returdin		The state of the control of the cont	1,677,871
State of Kansas Board of Regents - Fort Hays State University Housing System Lewis Field Stadish From Housing System State University Flouring System Renovation Project - Bonita Terrace Apartments   1,02			4,435,000
State of Kansas Projects - \$40,235.000  11,00  1003J-1 Kansas Board of Regents - Energy Conservation Projects - KUMC  17,3  17,5  17		Kansas Board of Repents - Fort Hays State University Housing System Lewis Field Stadium Renovation Project (refunds 1993C)	790,000
Kansas Board of Regents - Energy Conservation Projects - KUMC  17,3  1003J-1 Kansas Board of Regents - Energy Conservation Projects - KUMC  1004D Kansas Board of Regents Pittsburg State University Housing System Renovation Project - Bonita Terrace Apartments  1,00  1004D Kansas Board of Regents Pittsburg State University Housing System Renovation Project - Bonita Terrace Apartments  1,00  14,9  15,00  16,00  17,3  18,00  18,00  18,00  19,00  19,00  19,00  19,00  10,0		State of Kansas Projects - \$40,235,000	44 005 000
Kansas Board of Regents - Energy Conservation Projects - KSU  Kansas Board of Regents Pittsburg State University Housing System Renovation Project - Bonita Terrace Apartments  41,90  Kansas State University Housing System, Manhattan Campus - Jardine  Kansas Board of Regents - Scientific Research & Development Facilities Project - Phase II - \$66,530,000  Kansas Board of Regents - Scientific Research & Development Facilities Project - KSU  Kansas Board of Regents - Scientific Research & Development Facilities Project - KUMC  Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility  Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU  Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU  Kansas Board of Regents - Scientific Research & Development Facilities Project - PSU  Kansas Board of Regents - Scientific Research & Development Facilities Project - PSU  Kansas Board of Regents - University of Kansas Housing System Refunding  CO05E - Kansas Board of Regents - University of Kansas Medical Center - Parking Garage #3  CO05E - Kansas Board of Regents - Emporia State University Towers Residential Complex Impromt. Proj.  Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt)  Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt)  CO05E - Kansas Board of Regents - Kansas State University Housing System, Manhattan Campus Project, Jardine Apartments  Kansas Board of Regents - Kunsas State University Housing System, Manhattan Campus Project, Jardine Apartments  Kansas Board of Regents - Kunsas State University Housing System, Manhattan Campus Project, Jardine Apartments  Kansas Board of Regents - Vulversity of Kansas Student Recreation Center  Kansas Board of Regents - Vulversity of Kansas Student Recreation Center		Kapsas Board of Regents - Energy Conservation Projects - KUMC	11,085,000 17,310,000
Kansas Board of Regents - Pittsburg State University Housing System Renovation Project - Solina Terrace (1) part the terrace (2) part t		The state of the second Concentration Projects - KSU	1,055,000
Kansas State University Housing System, Manhattan Campus - Jaroline Kansas Board of Regents - Scientific Research & Development Facilities Project - KSU Kansas Board of Regents - Scientific Research & Development Facilities Project - KSU Kansas Board of Regents - Scientific Research & Development Facilities Project - KUMC Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU C005D Kansas Board of Regents - University of Kansas Housing System Refunding C205E-1 Kansas Board of Regents - University of Kansas Medical Center - Parking Garage #3 C2005E-1 Kansas Board of Regents - Emporia State University Towers Residential Complex Imprvmt. Proj. C2005G-1 Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt) C2005G-2 Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable) C2006G-2 C2006G-3 Kansas Board of Regents - Kansas State University Housing System, Manhattan Campus Project, Jardine Apartments C2006G-2 C2007E Kansas Board of Regents - Kunsas State University Housing System, Manhattan Campus Project, Jardine Apartments C2007E Kansas Board of Regents - University of Kansas Student Recreation Center C2007E Kansas Board of Regents - University Memorial Union Renoversity Center C2007E Kansas Board of Regents - VU Parking Facilities Proj. C2007E C2		Kansas Board of Recents Pittsburg State University Housing System Renovation Project - Bonita Terrace Apartments	41,935,000
Kansas Board of Regents - Scientific Research & Development Facilities Project - Fraise in * \$\sqrt{\text{quot}}\$,505,005		Lice Objects Helicognitive Housing System, Manhattan Campus - Jardine	41,933,000
Kansas Board of Regents - Scientific Research & Development Facilities Project - KSUMC  Kansas Board of Regents - Scientific Research & Development Facilities Project - KUMC  Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility  Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility  Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU  Kansas Board of Regents - Scientific Research & Development Facilities Project - PSU  Kansas Board of Regents - University of Kansas Housing System Refunding  Kansas Board of Regents - University of Kansas Medical Center - Parking Garage #3  Kansas Board of Regents - Emporia State University Towers Residential Complex Imprvmt. Proj.  Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt)  Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable)  Science Regents - Kansas State University Housing System, Manhattan Campus Project, Jardine Apartments  Kansas Board of Regents - Kunsas State University Housing System, Manhattan Campus Project, Jardine Apartments  Kansas Board of Regents - University of Kansas Student Recreation Center  Kansas Board of Regents - University of Kansas Student Recreation Center		Kennes Board of Recents - Scientific Research & Development Facilities Project - Phase II - \$00,330,000	14,224,579
Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility  Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility  Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU  Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU  Kansas Board of Regents - Scientific Research & Development Facilities Project - PSU  Kansas Board of Regents - University of Kansas Housing System Refunding  Kansas Board of Regents - University of Kansas Medical Center - Parking Garage #3  Kansas Board of Regents - Emporia State University Towers Residential Complex Imprvmt. Proj.  Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt)  Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable)  Scientific Research & Development Facilities Proj.  Kansas Board of Regents - Ku Parking Facilities Proj.  Kansas Board of Regents - Kunsas State University Housing System, Manhattan Campus Project, Jardine Apartments  Scientific Research & Development Facilities Proj.  Kansas Board of Regents - University of Kansas Student Recreation Center  17,5		Veneza Reard of Regents - Scientific Research & Development Facilities Project - NSU	15,195,833
Ransas Board of Regents - Scientific Research & Development Facilities Project - Available   Research & Development Facilities Project - Available   Research & Development Facilities Project - WSU   2,4		Development Facilities Project - NUVIV	13,190,000
Kansas Board of Regents - Scientific Research & Development Facilities Project - VSU   2,4		Kanaga Board of Recents - Scientific Research & Development Facilities Project - Aviation Research admity	7,661,430
Xansas Board of Regents - Scientific Research & Development Facilities Project - PSO   14,9	2005D	Kanaga Board of Regents - Scientific Research & Development Facilities Project - WSO	2,481,648
2005E-1 Kansas Board of Regents - University of Kansas Housing System Refunding 2005E-2 Kansas Board of Regents - University of Kansas Medical Center - Parking Garage #3 2005F Kansas Board of Regents - Emporia State University Towers Residential Complex Imprvmt. Proj. 2005G-1 Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt) 2005G-2 Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable) 2006B Kansas Board of Regents - Ku Parking Facilities Proj. 2007A Kansas Board of Regents - Kansas State University Housing System, Manhattan Campus Project, Jardine Apartments 26,8 2007E Kansas Board of Regents - University of Kansas Student Recreation Center 17,5	2005D	Kansas Board of Regents - Scientific Research & Development Facilities Project - P30	14,965,000
Ransas Board of Regents - University of Kansas Medical Center - Parking Garage #3   Ransas Board of Regents - Emporia State University Towers Residential Complex Imprvmt. Proj.   7,2   Ransas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt)   7,2   Ransas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable)   9,6   Ransas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable)   9,6   Ransas Board of Regents - Ku Parking Facilities Proj.   26,8   Ransas Board of Regents - Kansas State University Housing System, Manhattan Campus Project, Jardine Apartments   5,8   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5   Ransas Board of Regents - University of Kansas Student Recreation Center   17,5	2005E-1	Kennes Board of Regents - University of Kansas Housing System Retunding	2,955,000
Xansas Board of Regents - Emporia State University Towers Residential Configuration Imprints - 105.   Xansas Board of Regents - Fort Hays State University Memorial Union Renov(Tax-Exempt)   9,6	2005E-2	Warrang Board of Reports - University of Kansas Medical Center - Parking Garage #3	8,580,000
Xansas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable)   9,6	2005F	Wanner Board of Bogonts, Emporia State University Lowers Residential Complex Improvint, Proj.	7,205,000
2005G-2Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable)9,62006BKansas Board of Regents - KU Parking Facilities Proj.26,82007AKansas Board of Regents - Kansas State University Housing System, Manhattan Campus Project, Jardine Apartments5,82007EKansas Board of Regents - University of Kansas Student Recreation Center17,5	2005G-1	Wannes Board of Pagents - Fort Hays State University Memorial Union Kenov(Tax-Exempt)	-
2006B     Kansas Board of Regents - KU Parking Facilities Proj.     26,8       2007A     Kansas Board of Regents - Kansas State University Housing System, Manhattan Campus Project, Jardine Apartments     5,8       2007E     Kansas Board of Regents - University of Kansas Student Recreation Center     17,5	2005G-2	Kansas Board of Regents - Fort Hays State University Memorial Union Renov(Taxable)	9,650,000
2007E Kansas Board of Regents - University of Kansas Student Recreation Center 17,5	2006B	Kansas Board of Regents - KU Parking Facilities Proj.	26,855,000
	2007A	Kansas Board of Regents - Kansas State University Housing System, Mariattan Campus Project, Sardine / Statution 18	5,855,000
	2007E	Kansas Board of Regents - University of Kansas Student Recreation Center	17,520,000
200111 1110	2007H	Kansas Board of Regents - Kansas State University Parking System	17,550,000
2007M Kangas Law Enforcement Training Center		Kansas Law Enforcement Training Center	1,600,000
2008D Kappas Board of Regents - Kansas State University Salina Campus Project		Kansas Board of Regents - Kansas State University Salina Campus Project	825,000
2000C Kappas Board of Regents - Pittsburg State University Student Health System	2009G	Kansas Board of Regents - Pittsburg State University Student Health System	14,630,000
2009H Kansas Board of Regents - Pittsburg State University Housing System  4,5		Kansas Board of Regents - Pittsburg State University Housing System	4,545,000
2009J Kansas Board of Regents - Pittsburg State University Parking System 4,3	2009J	Kansas Board of Regents - Pittsburg State University Parking system	
total 380,		tot	al 380,450,017
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Note: Series 2003C and 2005D are hybrid credits in that debt service for the bonds is secured partially by appropriations from the SGF and partially by university research revenue. The pro rata portion of the debt that is the responsibility of the universities' research revenues is presented on this table. The pro rata portion of the debt that is the responsibility of the SGF is presented on the Tax-Supported Debt - State General Fund Table.

#### Self-Supporting Debt Source of Repayment: Loan agreements with city and county governments in the State. None of this debt is secured by a general obligation pledge or an annual appropriation by the Legislature of State revenues. Balance Series **Title** 6/30/09 1997 Series 1 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund State Match Bonds 820,000 1997 Series 2 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund Leveraged Bonds 12,005,000 1998 Series 1 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund State Match Bonds 1,050,000 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund Leveraged Bonds 1998 Series 2 12,055,000 1998 Series II Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund Leveraged Bonds 26,710,000 Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund State Match Bonds 2000 Series I 1,220,000 2000 Series II Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund Leveraged Bonds 7,020,000 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund State Match Bonds 2000 Series 1 585,000 2000 Series 2 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund Leveraged Bonds 16,685,000 Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund State Match Bonds 2001 Series I 2001 Series II Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund Leveraged Bonds 7,555,000 108,345,000 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund State Match Bonds 2002 Series 1 Kansas Department of Health and Environment - Public Water Supply Revolving Loan Fund Leveraged Bonds 3,375,000 2002 Series 2 19,425,000 2002 Series II Kansas Department of Health and Environment - Water Pollution Control Revenue Bonds 55,370,000 Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund State Match Bonds 2004 Series I 1,000,000 Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund Leveraged Bonds 2004 Series II 42,950,000 2004 Series II Kansas Department of Health and Environment - Water Pollution Control Revolving Loan Fund Refunding 2,190,000 2004 Series 2 KDHE Drinking Water - Leveraged 86,810,000 2004 Series 2 KDHE Drinking Water - Leveraged Refunding 67,540,000 2004 Series 1 KDHE Drinking Water - State Match Refunding 6,080,000 2005 CW-I KDHE Clean Water - State Match I (New & Refunding) 3,850,000 2005 CW-II KDHE Clean Water - Leveraged II (New & Refunding) 99,605,000 2005 TR Kansas Dept. of Transportation Revolving Loan Fund 28,455,000 2006 TR Kansas Dept. of Transportation Revolving Loan Fund 21,595,000 2008A KBOR - Post Secondary Educational Instituional Loan Program 17,500,000 2008G KDOT Communication System Lease Program 12,757,600 KDHE - Public Water Supply Revolving Loan Fund 2008DW 36,445,000 2008CW KDHE - Water Pollution Control Revolving Loan Fund 66,545,000 2009C KBOR - Post Secondary Educational Instituional Loan Program 20,000,000 2009 TR Kansas Dept. of Transportation Revolving Loan Fund 30,950,000 total 816,492,600

Tax-Sup	ported Debt	
Other		
Source of Ren	ayment: Specific revenue fund OTHER THAN the State General Fund (SGF).	
Source or repr	aymonic opening rotation as the same and the same as t	
Series	Title	Balance 6/30/09
1998L	Memorial Hall	3,480,000
1999N	DOA 7th & Harrison (partially refunded by 2002J)	350,000
1997G-1	Kansas Board of Regents - Comprehensive Rehabilitation and Repair Project	1,062,161
2001D	LIA Larned and Toneka Juvenile Correctional Facilities	34,975,000
2001E	Kansas Board of Regents - Comprehensive Rehabilitation and Repair Project	9,195,000
2001J	LIA Juvenile Correctional Facilities (Refunds 1992H)	1,760,000
2001M	Kansas Department of Commerce and Housing - IMPACT Program Project	8,075,000
2001W	Series 2001W State of Kansas Projects: (49,865,000.00)	
2001W-1	HR Acquisition & Renovation	905,000
2001W-2	KDHE Vital Statistics	800,000
2001W 2	DHR Acquisition & Renovation Project - 1430 Building (legally changed to DOL)	2,715,000
2002J	DOA 7th & Harrison State Office Project (Partially refunds 1999N)	29,595,000
20025 2002N-1	SRS Larned State Hospital	38,815,000
2002N-2	KHP Fleet Operations Project	2,665,000
2002N-2 2004A	State of Kansas Projects - \$50,730,000	
2004A 2004A-1	Dept of Social and Rehabilitation Services - Renovation & Repairs	27,500,000
2004A-1	Kansas Highway Patrol - Facility Acquisition Project	265,000
2004/A-5	Kansas Board of Regents-Comprehensive Rehab & Renov - \$44,860,000	
2004F	Comp Rehab & Renov - Crumbling Classrooms	500,000
2004F	Comp Rehab & Renov - 1997G-1 Refunding	10,325,000
2004F	Comp Rehab & Renov - 1997G-2 Refunding	20,690,000
2004i	State of Kansas Projects - \$88 175,000	15.505.000
2005H-2	Dept. of Human Resources (DOL) - Unemployment Benefit System	15,525,000
2005N	Kansas Dept, of Commerce-IMPACT Program Proj.	17,750,000
2007F	Kansas Department of Commerce - IMPACT Program Project	28,945,000
2009F	Kansas Department of Commerce - IMPACT Program Project	49,425,000
		total 305,317,161

Tax-S	upported Debt	<del>- 1</del>
	General Fund	
Source of	Repayment: State General Fund (SGF)	
<u>Series</u> 1996J	<u>Title</u>	Balance 6/30/0
1990J 1999A-1	Energy DOC El Dorado and Larned	70,00
1999A-2	DOC Ellsworth and Labette	7,250,00
1999H	DOC El Dorado Reception	150,00 2,375,00
2000V	DOA State Capitol Restoration Project, Phase I-A	2,175,00
2001L 2001O	DOA (PBC Digital Conversion) Redeems 2001C	4,215,00
2001U 2001W	DOA State Building Renovation Projects Series 2001W State of Kansas Projects: (49,865,000.00)	6,800,000
2001W-3	Kansas Fairgrounds Renovation	
2001W-4	DOA Judicial Center Improvements	13,485,000
2001W-5	DOA State Capitol Restoration	660,000
2002C	DOA State Capitol Parking	20,965,000
2003C	Kansas Board of Regents - Scientific Research & Development Facilties Project - \$72,670,000	12,030,000
2003C 2003C	Kansas Board of Regents - Scientific Research & Development Facilities Project - KSU Food Safety	2,312,205
2003C 2003C	Kansas Board of Regents - Scientific Research & Development Facilities Project - KLIMC Biomedical Research	5,290,139
2003C	Kansas Board of Regents - Scientific Research & Development Facilities Project - KU Bosciences Research	
2003C	Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU Engineering Complex	1,280,000
2003H	Kansas Public Employees Retirement System - KPERS 13th Check Group	627,129
2003H	Kansas Public Employees Retirement System - TIAA Group - Board of Regents and KLI Hospital Authority	14,190,000 7,985,000
2004A	State of Kansas Projects - \$50,730,000	7,365,000
2004A-2 2004C	Kansas State Fairgrounds - Renovation Project	9,040,000
2004C 2004G-1	Kansas Public Employees Retirement System DOA Capitol Restoration Project - Phase II	489,930,000
2004G-2	Dept of Admin Refunding Revenue Bond Project (KBI)	15,885,000
2005D	Kansas Board of Regents - Scientific Research & Development Facilities Project - Phase II - \$66,530,000	300,000
2005D	Kansas Board of Regents - Scientific Research & Development Facilities Project - KSLI	1 620 404
2005D	Kansas Board of Regents - Scientific Research & Development Facilities Project - KLIMC	1,630,421 2,609,167
2005D	Kansas Board of Regents - Scientific Research & Development Facilities Project - Aviation Research Facility	6,075,000
2005D 2005D	Kansas Board of Regents - Scientific Research & Development Facilities Project - WSU	2,863,570
2005H	Kansas Board of Regents - Scientific Research & Development Facilities Project - PSU State of Kansas Projects - \$88,175,000	518,352
2005H-1	Dept. of Admin Capitol Restoration Phase III	
005H-1	Dept. of Admin Refunding Capitol Restoration (2000V)	27,250,000
005H-3	Adjutant General - Refunding Armories Reony -BAN	7,180,000
005H-3	Adjutant General - Refunding Armories Reonv. Phase II (2000T)	5,440,000 1,135,000
005H-3	Adjutant General - Refunding Armories Reony, Phase II (2001W-6)	1,215,000
005H-3 005H-3	Adjutant General - Refunding Armories Reonv. Phase III (2003J-2)	4,610,000
005H-4	Adjutant General - Refunding Armories Reonv. Phase IV (2004A-4)  Dept. of Admin Public Broadcasting Council	4,690,000
005H-5	Dept. of Corrections - Refunding El-Dorado Facility (1999H)	1,540,000
006A	Kansas Dept. of Administration - Comprehensive Transportation Program (Reimbursement)	10,155,000
006L	State of Kansas Projects - \$13,210,000	195,745,000
006L-1	Dept. of Admin - Capitol Restoration Phase IV	6,640,000
006L-2 006L-3	Kansas Board of Regents - Pittsburg State University Joint Armory Proj	3,905,000
006L-3 007K	Adjutant General - Pittsburg State Armory Project State of Kansas Projects	1,410,000
007K-1	Dept. of Admin Capitol Restoration Phase V	
007K-2A	Adjutant General - Training Center	26,635,000
007K-2B	Adjutant General - Refunding Armories ReonyBAN	8,880,000
007K-3	Dept. of Corrections - Renovations	3,075,000 18,985,000
	State of Kansas Projects	10,860,000
008L-1	Dept. of Admin Capitol Restoration Phase VI	38,995,000
008L-2 008L-3	Adjutant General - Refunding Armories ReonvBAN	3,195,000
008L-3	Dept. of Corrections - Refunding BAN KU School of Pharmacy	1,075,000
	State General Fund - Debt Restructure	21,070,000
		4,340,000
	total	1 027 025 002
		1,027,935,983
ta. Soriac	2003C and 2005D are hybrid are dito in that data.	

Note: Series 2003C and 2005D are hybrid credits in that debt service for the bonds is secured partially by appropriations from the SGF and partially by university research revenue. The pro rata portion of the debt that is the responsibility of the SGF is presented on this table. The pro rata portion of the debt that is the responsibility of the universities' research revenue is presented on the User-Fee Supported Table.

Tax-Sup	ported Debt	
Highway	Fund (KDOT)	
	payment: motor fuel taxes, vehicle registration fees, sales taxes and federal aid reimbursements.	
Carlos	Title	Balance 6/30/09 46,670,000
	State of Kansas - Department of Transportation - Highway Revenue Refunding Bonds State of Kansas - Department of Transportation - Adjustable Tender Highway Revenue Bonds	200,000,000
0000 4	State of Kansas - Department of Transportation - Adjustable Tender Highway Revenue Bonds	55,915,000 320,005,000
2002 B & C 2002 D	State of Kansas - Department of Transportation - Highway Revenue Bonds  State of Kansas - Department of Transportation - Adjustable Tender Highway Revenue Bonds  State of Kansas - Department of Transportation - Adjustable Tender Highway Revenue Bonds	67,840,000 248,190,000
2003 A & B 2004 A	State of Kansas - Department of Transportation - Highway Revenue Relutioning Bonds	250,000,000 200,000,000
2004 B 2004 C	State of Kansas - Department of Transportation - Adjustable Tender Highway Revenue Bonds	147,000,000 150,870,000
2008 A	State of Kansas - Department of Transportation - Highway Revenue Bonds	1,686,490,000

# **Special Comment**

# Moody's U.S. Public Finance

July 2009

#### **Table of Contents:**

Summary Opinion	1
Growth of Net Tax-Supported Debt Slows	2
Median Decline Reflects Change in Debt P Capita in Certain States	er 3
2009 State Debt Outlook: Debt Issuance Expected to Increase	4
Moody's Related Research	7

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# 2009 State Debt Medians Report

Based on 2008 Data

# **Summary Opinion**

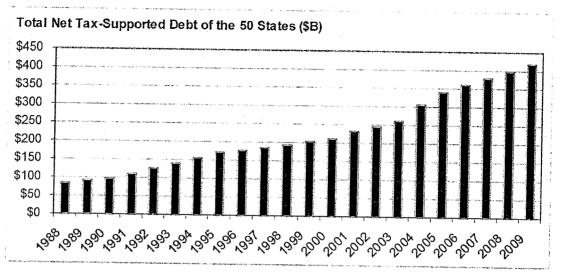
State net tax-supported debt increased by 4.8% in 2008 to \$416.8 billion (see Figure 1), a slight decrease from the 5.1% growth rate in 2007. The slower growth in net tax-supported debt resulted from the disruption in the bond markets during the fall of 2008, which halted or significantly reduced issuance of debt by most states for an interim period.

At the same time, median net tax-supported debt per capita decreased by 2.6% to \$865 from the preceding year's median of \$889, reflecting reductions in debt burden among some states. This resulted in a lower debt burden distribution for states and ultimately a lower debt median. This year-over-year change was significantly lower than the prior year's 12.9% increase, again reflecting market disruption during the last quarter of 2008 as well as a slow down in issuance as states anticipated receiving capital funding from the federal government as a part of the stimulus bill.

During the first half of 2008, states continued to benefit from a favorable interest rate environment, and issued debt to finance ongoing infrastructure projects as usual. While the refinancing of auction rate securities and interest rate conversions were major drivers of bond issuance volume during the second half of the year, this activity did not add debt to state balance sheets as it was only the nature of the outstanding debt that was modified.

For 2009, state debt issuance (which will be the basis of the 2010 Debt Median analysis) will likely increase as a result of stabilizing bond markets, pent up market demands, and the impact of the Federal American Recovery and Reinvestment Act which includes provisions to encourage municipal debt issuance. The current year will also see an increase in state reliance on long-term financing to alleviate budget strain resulting from the economic recession.

Figure 1



Every year, Moody's prepares a special comment that presents an analysis of state debt medians. The 2009 Debt Medians report examines the condition of net state tax-supported debt as of calendar year-end 2008. As in prior years, the data presented in figures 1, 2, and 3 reflect the historical trend up to the immediately preceding year's state debt issuance while the data point label corresponds to the year in which the report is produced (i.e. The data labeled 2009 reflect debt as of calendar year-end 2008). Two measures of state debt burden – debt per capita and debt as a percentage of personal income – are commonly used by analysts to compare the debt burden of one state to another. Debt burden is one of many factors that Moody's uses to determine state credit quality. In considering debt burden, Moody's also examines gross debt, which includes contingent debt liabilities that may not have direct tax support, but are included in audited financial statements.

# **Growth of Net Tax-Supported Debt Slows**

State tax-supported debt increased by 4.8% in 2008 to \$416.8 billion, slightly lower than the 5.1% rate of increase recorded in the previous year. The slower rate of growth is reflective of the contrasting market conditions between 2008 and 2007. State debt issuance in 2007 benefited from a favorable interest rate environment and significant infrastructure capital spending. Debt issuance in 2008 was impacted by a combination of factors, starting with the downgrade of collateralized mortgage obligations brought on by the softening real estate market and, ultimately the merger or, in the case of Lehman Brothers, bankruptcy in September 2008 of some of the world's largest investment banks. As balance sheets weakened, municipal bond insurers were downgraded, requiring collateral posting by issuers with insured floaters and auction rate securities in their portfolios. Variable rate bonds were put back to banks and issuers, suddenly burdened by bank bond rates, began to restructure their debt portfolios with more fixed rate debt. This activity was unprecedented, but did not add to debt burdens; only the character of the debt was modified, as issuers converted much of their existing variable rate debt to fixed rate.

During the first half of 2008, states continued to address transportation needs through bond issuance. Idaho increased its issuance of Grant and Revenue Anticipation Vehicles (GARVEEs), bonds issued for transportation purposes which are backed by federal highway aid revenues. As a result of its \$354 million GARVEE debt issued during calendar year 2008 (Series 2008A and Series 2009A), the State of Idaho's nettax supported debt increased 47%. However, the state still enjoys the benefits of one of the lowest debt burdens relative to the other states; Idaho ranked a low 43rd out of 50 in total net-tax supported debt at 2008 year-end.

States also issued bonds for budgetary relief. The State of California issued \$3.2 billion of Economic Recovery Bonds to provide budgetary relief for the state during one of the arguably most fiscally challenging periods for the state. One of the largest debt issues in 2008 was the State of Connecticut's \$2 billion pension obligation

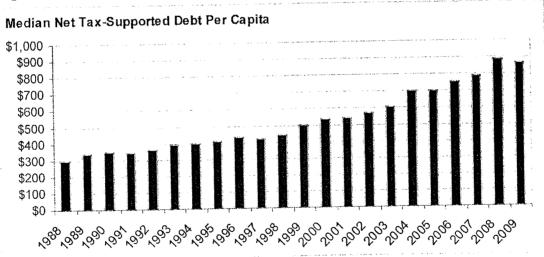
bonds. The state issued these taxable bonds to address the significant unfunded liability in the state teacher's retirement system. The \$2 billion sale contributed to the state's 21% increase in net-tax supported debt.

# Median Decline Reflects Change in Debt Per Capita in Certain States

Median net tax-supported debt per capita at calendar year-end 2008 declined by 2.6% to \$865 (see Figure 2). While total net tax-supported debt increased at a slightly slower growth rate than in 2007, changes in debt burden among certain states pushed debt per capita downward and resulted in a skewed distribution relative to the median. While a handful of states sold large amounts of bonds contributing to the overall growth of total net tax-supported debt like the aforementioned State of California's \$3.2 billion of Economic Recovery Bonds and the State of Connecticut's \$2 billion of Pension Obligation Bonds, the majority of states experienced declines in total debt burden.

Most of the decline in total net tax-supported debt burden can be attributed to the disruption in 2008 debt market conditions. However, some states experienced a decline in net tax-supported debt for other reasons. For example, the State of Louisiana's net tax-supported debt burden declined by a notable 11% as a result of an overstatement of the state's 2007 net tax-supported debt. Other states which have experienced a decline in total net tax-supported debt, for reasons other than a disruption in the 2008 debt market conditions include Alabama, Iowa, and Utah. In Alabama, the decline in net tax-supported debt was a result of the state's largest debt-issuing agency, the Public School and College Authority, issuing only about \$50 million of debt, down from \$1 billion the prior year. At the same time, the state continued to amortize principal, reducing its debt burden by 7.7%. The State of Iowa, which historically has one of the lowest debt burdens of all states due to a constitutional limitation on issuance of general obligation debt, did not issue any debt in calendar year 2008, while amortizing roughly 19% of outstanding net tax-supported debt (primarily certificates of participation). Similarly, the State of Utah refrained from issuing any debt during calendar year 2008 while continuing its trend of rapid amortization, reducing outstanding net tax-supported debt in the state by 15%.



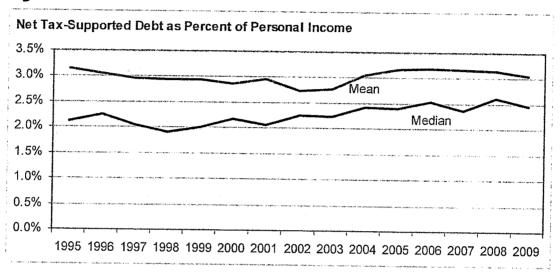


Median net tax-supported debt, as a percent of personal income, decreased in 2008 by one-tenth of a percentage point to 2.5% from 2.6% in the prior year. However, there were two states, Arizona and Connecticut, for which the net tax-supported debt as a percent of personal income shifted one-half a percent or more. Arizona's net tax-supported debt increased by \$1.2 billion; over 60% of that increase was related to increased issuance of appropriation-backed debt to fund capital projects, mostly K-12 school facilities. Additional debt issued for transportation-related projects accounted for almost 20% of the increase. In addition, a portion of the increase related to a change in the classification of certain outstanding debt to net tax-supported debt for the first time. The State of Connecticut experienced an increase as a result of the \$2

billion pension obligation bond issuance mentioned earlier. States where the net-tax-supported debt as a percent of personal income decreased by half a percentage point or more include Hawaii, Illinois, Louisiana, and Massachusetts. In general, the decline is attributable to less borrowing in 2008 while continuing to amortize debt previously issued. However, in Massachusetts the decline is due to both the amortization of debt as well as a 4% increase in 2007 personal income growth for the commonwealth.

Mean net tax-supported debt, as a percent of personal income, at approximately 3.1% was relatively stable compared to the prior year. Average mean net tax-supported debt, as a percent of personal income, from 1995 to 2008 remains unchanged at 3.0% (see Figure 3).

Figure 3



# 2009 State Debt Outlook: Debt Issuance Expected to Increase

State debt issuance in 2009 is expected to be particularly robust as pent up demand for municipal securities increases. States are also in the midst of a national recession which is causing significant negative pressure on state finances. As state-source revenues decline, the need to use long-term debt to fund capital needs will increase. Additionally, the passage of the federal American Reinvestment and Recovery Act (federal stimulus) has created opportunities in the municipal bond market for additional debt issuance. The Build America Bond (BAB) program allows the issuance of taxable debt with either an interest subsidy for the benefit of the issuer or a tax credit to benefit the investor. States such as California, Indiana and North Carolina have already utilized the BABs debt structure. California issued over \$5 billion of general obligation BABs, Indiana issued \$193 million for economic development and the North Carolina Turnpike Authority issued \$115 million of BABs to benefit transportation.

In many states, the economic slowdown and the low interest rate environment may provide the impetus to accelerate debt sales this calendar year to spur economic activity and bolster employment. For example, the State of lowa plans to issue debt as a way to increase economic activity in the state. Other states will restructure debt or opt to finance capital projects instead of paying for construction from operations to provide budgetary relief as the recession continues to put downward pressure on state-source revenues.

Table 1: Net Tax-Supported Debt

	rita		
Per Ca	b) res	(5)	Rating
1	Connecticut	\$4,490	Aa3
2	Massachusetts	\$4,323	Aa2
3	Hawaii	\$3,675	Aa2
4	New Jersey	\$3,621	Aa3
5	New York	\$2,921	Aa3
6	Delaware	\$2,128	Aaa
7	Washington	\$2,087	Aa1
8	Illinois	\$1,877	A1
9	Rhode Island	\$1,812	Aa3
10	California	\$1,805	Baa1
11	Oregon	\$1,606	Aa2
12	Maryland	\$1,507	Aaa
13	Mississippi	\$1,478	Aa3
14	Kentucky	\$1,477	Aa2*
15	Wisconsin	\$1,429	Aa3
16	New Mexico	\$1,394	Aa1
17	Kansas	\$1,164	Aa1*
18	Louisiana	\$1,164	A1
19	Florida	\$1,115	Aa1
20	West Virginia	\$1,050	Aa3
21	Georgia	\$984	Aaa
22	Ohio	\$962	Aa2
23	Pennsylvania	\$950	Aa2
24	South Carolina	\$899	Aa1
25	Minnesota	\$866	Aa1
26	Nevada	\$865	Aa2
27	Alaska	\$861	Aa2
28	North Carolina	\$832	Aa1
29	Arizona	\$807	Aa3
30	Alabama	\$796	Aa2
31	Virginia	\$782	Aaa
32	Michigan	\$766	Aa3
33	Maine	\$743	Aa3
34	Vermont	\$692	Aaa
35	Missouri	\$670	Aaa
36	New Hampshire	\$525	Aa2
37	Texas	\$520	Aa1
38	Idaho	\$513	Aa2*
39	Oklahoma	\$511	Aa3
40	Indiana	\$482	Aa1*
41	Utah	\$447	Aaa
42	Montana	\$391	Aa2
43	Arkansas	\$375	Aa2
44	North Dakota	\$356	Aa2*
45	Colorado	\$340	NGO**
46	South Dakota	\$274	NGO**
47	Tennessee	\$233	Aa1
48	Wyoming	\$84	NGO**
49	lowa	\$79	Aa1*
50	Nebraska	\$17	NGO**
	MEAN:	\$1,195	
	MEDIAN:	\$865	
		\$33,489***	Baa3
	Puerto Rico	\$33,489 ····	Daas

<sup>\*</sup> Issuer Rating (No G.O. Debt)

Table 2: Net Tax-Supported Debt

as a %	o of 2007 Personal Income	
1	Hawaii	9.4%
2	Massachusetts	8.9%
3	Connecticut	8.2%
4	New Jersey	7.3%
5	New York	6.3%
6	Delaware	5.4%
7	Mississippi	5.2%
8	Washington	5.1%
9	Kentucky	4.8%
10	Oregon	4.6%
11	Illinois	4.6%
12	Rhode Island	4.5%
13	New Mexico	4.6%
14	California	4.4%
15	Wisconsin	4.0%
16	Louisiana	3.3%
17	West Virginia	3.6%
18	Maryland	3.3%
19	Kansas	3.2%
20	Georgia	3.0%
21	South Carolina	2.9%
22	Florida	2.9%
23	Ohio	2.8%
24	North Carolina	2.5%
25	Arizona	2.5%
26	Alabama	2.5%
27	Pennsylvania	2.5%
28	Maine	2.2%
29	Michigan	2.2%
30	Nevada	2.2%
31	Alaska	2.2%
32	Minnesota	2.1%
33	Missouri	2.0%
34	Virginia	1.9%
35	Vermont	1.8%
36	Idaho	1.6%
37	Oklahoma	1.5%
38	· Utah	1.5%
39	Indiana	1.5%
40	Texas	1.4%
41	New Hampshire	1.3%
42	Arkansas	1.3%
43	Montana	1.2%
44	North Dakota	1.0%
45	Colorado	0.8%
46	South Dakota	0.8%
47	Tennessee	0.7%
48	lowa	0.2%
49	Wyoming	0.2%
50	Nebraska	0.0%
	MEAN:	3.1%
	MEDIAN:	2.5%
	Puerto Rico	66.3% ***
** Th	is figure is based on 2006 Personal I	

<sup>\*\*</sup> This figure is based on 2006 Personal Income. It is not included in any totals, averages, or median calculations but is provided for comparison purposes only.



<sup>\*\*</sup> No General Obligation Debt

<sup>\*\*\*</sup> This figure is not included in any totals, averages, or median calculations but is provided for comparison purposes only.

Total Net		

	ole 3: Total Net Ta		Raf
1	California	\$66,363,000	Baa
2	New York	\$56,931,275	Aa3
3	New Jersey	\$31,438,000	
4	Massachusetts	\$28,093,304	Aa3
5	Illinois	\$24,212,758	Aa2
6	Florida		A1
7	Connecticut	\$20,444,760	Aa1
8	Washington	\$15,720,999	Aa3
9	Texas	\$13,666,660	Aa1
10		\$12,646,297	Aa1
11	Pennsylvania Ohio	\$11,828,000	Aa2
	Ohio	\$11,048,935	Aa2
12	Georgia	\$9,531,999	Aaa
13	Maryland	\$8,488,700	Aaa
14	Wisconsin	\$8,042,593	Aa3
15	North Carolina	\$7,670,275	Aaa
16	Michigan	\$7,663,085	Aa3
17	Kentucky	\$6,307,670	Aa2*
18	Oregon	\$6,086,283	Aa2
19	Virginia	\$6,073,123	Aaa
20	Arizona	\$5,244,025	Aa3
21	Louisiana	\$5,134,681	A1
22	Hawaii	\$4,734,558	Aa2
23	Minnesota	\$4,520,242	Aa1
24	Mississippi	\$4,343,504	Aa3
25	South Carolina	\$4,029,181	Aaa
26	Missouri	\$3,962,015	Aaa
27	Alabama	\$3,708,729	Aa2
28	Kansas	\$3,262,201	Aa1*
29	Indiana	\$3,071,435	Aa1*
30	New Mexico	\$2,766,631	Aa1
31	Nevada	\$2,248,486	Aa2
32	West Virginia	\$1,904,674	Aa3
33	Rhode Island	\$1,903,690	Aa3
34	Oklahoma	\$1,862,786	Aa3
5	Delaware	\$1,858,100	Aaa
6	Colorado	\$1,679,747	NGO*
7	Tennessee	\$1,448,350	Aa1
8	Utah	\$1,222,504	Aaa
9	Arkansas	\$1,069,787	
0	Maine	\$978,008	Aa2
11	Idaho		Aa3
2	New Hampshire	\$781,837 \$401,043	Aa2*
13	Alaska	\$691,062	Aa2
		\$591,200	Aa2
4 5	Vermont	\$429,743	Aaa
	Montana	\$377,986	Aa2
6	lowa	\$236,403	Aa1*
17	North Dakota	\$228,306	Aa2*
8	South Dakota	\$220,699	NGO*
9	Wyoming	\$44,977	NGO**
0	Nebraska	\$30,344	NGO**

Puerto Rico	\$35,190,260***
* Issuer Rating (No G.O.	

<sup>\*\*</sup> No General Obligation Debt

Table 4: Gross Tax Supported Debt (000)	

1         California         \$75,204,000         1.13           2         New York         \$56,975,993         1.00           3         New Jersey         \$36,507,000         1.16           4         Florida         \$31,261,960         1.53           5         Massachusetts         \$29,554,754         1.05           6         Illinois         \$24,473,034         1.01           7         Connecticut         \$23,403,919         1.49           8         Michigan         \$22,802,662         2.98           9         Washington         \$21,434,260         1.57           10         Texas         \$16,810,159         1.33           11         Pennsylvania         \$16,415,000         1.39           12         Minnesota         \$15,297,887         3.38           13         Oregon         \$13,764,801         2.26           14         Ohio         \$11,074,698         1.38           15         Wisconsin         \$11,074,698         1.38           16         Virginia         \$10,008,612         1.65           17         Georgia         \$9,531,999         1.00           18         Kentucky         \$8,777				Gross to Net Rat
2 New York \$56,975,993 1.00 3 New Jersey \$36,507,000 1.16 4 Florida \$31,261,960 1.53 5 Massachusetts \$29,554,754 1.05 6 Illinois \$24,473,034 1.01 7 Connecticut \$23,403,919 1.49 8 Michigan \$22,802,662 2.98 9 Washington \$21,434,260 1.57 10 Texas \$16,810,159 1.33 11 Pennsylvania \$16,415,000 1.39 12 Minnesota \$15,297,887 3.38 13 Oregon \$13,764,801 2.26 14 Ohio \$11,103,470 1.00 15 Wisconsin \$11,074,698 1.38 16 Virginia \$10,008,612 1.65 17 Georgia \$9,531,999 1.00 18 Colorado \$9,199,547 5.48 19 Kentucky \$8,777,125 1.39 20 Maryland \$8,488,700 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 23 Louisiana \$6,348,454 1.24 4 Hawafi \$6,253,704 5.12 24 Hawafi \$6,253,704 5.12 25 Utah \$6,253,704 5.12 26 Arizona \$5,429,245 1.04 27 Maine \$5,134,428 5.25 28 Indiana \$4,718,872 1.54 29 South Carolina \$4,651,263 1.15 30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 1 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 40 Nebraska \$45,129 1.49 40 Nebraska \$45,129 1.49	1	California		
New Jersey	2	New York		
4         Florida         \$31,261,960         1.53           5         Massachusetts         \$29,554,754         1.05           6         Illinois         \$24,473,034         1.01           7         Connecticut         \$23,403,919         1.49           8         Michigan         \$22,802,662         2.98           9         Washington         \$21,434,260         1.57           10         Texas         \$16,810,159         1.33           11         Pennsylvania         \$16,415,000         1.39           12         Minnesota         \$15,297,887         3.38           13         Oregon         \$13,764,801         2.26           -14         Ohio         \$11,103,470         1.00           15         Wisconsin         \$11,074,698         1.38           16         Virginia         \$10,008,612         1.65           17         Georgia         \$9,531,999         1.00           18         Colorado         \$9,199,547         5.48           19         Kentucky         \$8,777,125         1.39           20         Maryland         \$8,488,700         1.00           21         Alabama         \$8,152,027	3	New Jersey		
5         Massachusetts         \$29,554,754         1.05           6         Illinois         \$24,473,034         1.01           7         Connecticut         \$23,403,919         1.49           8         Michigan         \$22,802,662         2.98           9         Washington         \$21,434,260         1.57           10         Texas         \$16,810,159         1.33           11         Pennsylvania         \$16,415,000         1.39           12         Minnesota         \$15,297,887         3.38           13         Oregon         \$13,764,801         2.26           - 14         Ohio         \$11,103,470         1.00           15         Wisconsin         \$11,074,698         1.38           16         Virginia         \$10,008,612         1.65           17         Georgia         \$9,531,999         1.00           18         Colorado         \$9,199,547         5.48           19         Kentucky         \$8,777,125         1.39           20         Maryland         \$8,488,700         1.00           21         Alabama         \$8,152,027         2.20           22         North Carolina         \$7	4	Florida		
6 Illinois \$24,473,034 1.01 7 Connecticut \$23,403,919 1.49 8 Michigan \$22,802,662 2.98 9 Washington \$21,434,260 1.57 10 Texas \$16,810,159 1.33 11 Pennsylvania \$16,415,000 1.39 12 Minnesota \$15,297,887 3.38 13 Oregon \$13,764,801 2.26 -14 Ohio \$11,103,470 1.00 15 Wisconsin \$11,074,698 1.38 16 Virginia \$10,008,612 1.65 17 Georgia \$9,531,999 1.00 18 Colorado \$9,199,547 5.48 19 Kentucky \$8,777,125 1.39 20 Maryland \$8,488,700 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 23 Louisiana \$6,348,454 1.24 24 Hawaii \$6,276,116 1.33 25 Utah \$6,253,704 5.12 26 Arizona \$5,429,245 1.04 27 Maine \$5,134,428 5.25 28 Indiana \$4,718,872 1.54 29 South Carolina \$4,651,263 1.15 30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.001 44 Idaho \$1,433,602 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,126,237 2.62 43 North Dakota \$892,540 3.91 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$892,540 3.91 48 Montana \$377,986 1.000 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00	5	Massachusetts		
7 Connecticut \$23,403,919 1.49 8 Michigan \$22,802,662 2.98 9 Washington \$21,434,260 1.57 10 Texas \$16,810,159 1.33 11 Pennsylvania \$16,415,000 1.39 12 Minnesota \$15,297,887 3.38 13 Oregon \$13,764,801 2.26 14 Ohio \$11,103,470 1.00 15 Wisconsin \$11,074,698 1.38 16 Virginia \$10,008,612 1.65 17 Georgia \$9,531,999 1.00 18 Colorado \$9,199,547 5.48 19 Kentucky \$8,777,125 1.39 20 Maryland \$8,488,700 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 23 Louisiana \$6,348,454 1.24 24 Hawaii \$6,276,116 1.33 25 Utah \$6,253,704 5.12 26 Arizona \$5,429,245 1.04 27 Maine \$5,134,428 5.25 28 Indiana \$4,718,872 1.54 29 South Carolina \$4,651,263 1.15 30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$5,292,206 1.30 39 Rhode Island \$1,433,602 1.83 30 Oklahoma \$1,890,284 1.001 41 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$892,540 3.91 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00	6	Illinois		
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10 Texas \$16,810,159 1.33 11 Pennsylvania \$16,415,000 1.39 12 Minnesota \$15,297,887 3.38 13 Oregon \$13,764,801 2.26 14 Ohio \$11,103,470 1.00 15 Wisconsin \$11,074,698 1.38 16 Virginia \$10,008,612 1.65 17 Georgia \$9,531,999 1.00 18 Colorado \$9,199,547 5.48 19 Kentucky \$8,777,125 1.39 20 Maryland \$8,488,700 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 23 Louisiana \$6,348,454 1.24 24 Hawaii \$6,276,116 1.33 25 Utah \$6,253,704 5.12 26 Arizona \$5,429,245 1.04 27 Maine \$5,134,428 5.25 28 Indiana \$4,718,872 1.54 29 South Carolina \$4,651,263 1.15 30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$1,890,284 1.01 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 Nevada \$2,925,206 1.30 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$892,540 3.91 48 Mohtana \$377,986 1.00 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00	9	Washington	\$21,434,260	
11         Pennsylvania         \$16,415,000         1.39           12         Minnesota         \$15,297,887         3.38           13         Oregon         \$13,764,801         2.26           -14         Ohio         \$11,103,470         1.00           15         Wisconsin         \$11,074,698         1.38           16         Virginia         \$10,008,612         1.65           17         Georgia         \$9,531,999         1.00           18         Colorado         \$9,199,547         5.48           19         Kentucky         \$8,777,125         1.39           20         Maryland         \$8,488,700         1.00           21         Alabama         \$8,152,027         2.20           22         North Carolina         \$7,670,275         1.00           23         Louisiana         \$6,348,454         1.24           24         Hawaii         \$6,276,116         1.33           25         Utah         \$6,253,704         5.12           26         Arizona         \$5,429,245         1.04           27         Maine         \$5,134,428         5.25           28         Indiana         \$4,718,872	10	Texas		
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13 Oregon \$13,764,801 2.26 -14 Ohio \$11,103,470 1.00 15 Wisconsin \$11,074,698 1.38 16 Virginia \$10,008,612 1.65 17 Georgia \$9,531,999 1.00 18 Colorado \$9,199,547 5.48 19 Kentucky \$8,777,125 1.39 20 Maryland \$8,488,700 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 23 Louisiana \$6,348,454 1.24 24 Hawafii \$6,276,116 1.33 25 Utah \$6,253,704 5.12 26 Arizona \$5,429,245 1.04 27 Maine \$5,134,428 5.25 28 Indiana \$4,718,872 1.54 29 South Carolina \$4,651,263 1.15 30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 47 South Dakota \$892,540 3.91 47 South Dakota \$897,540 1.00 48 Nebraska \$45,129 1.49 50 Wyoming \$44,077 1.00	12	Minnesota	\$15,297,887	
14 Ohio \$11,103,470	13	Oregon	\$13,764,801	
15 Wisconsin \$11,074,698 1.38 16 Virginia \$10,008,612 1.65 17 Georgia \$9,531,999 1.00 18 Colorado \$9,199,547 5.48 19 Kentucky \$8,777,125 1.39 20 Maryland \$8,488,700 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 23 Louisiana \$6,348,454 1.24 24 Hawaii \$6,276,116 1.33 25 Utah \$6,253,704 5.12 26 Arizona \$5,429,245 1.04 27 Maine \$5,134,428 5.25 28 Indiana \$4,718,872 1.54 29 South Carolina \$4,651,263 1.15 30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$892,540 3.91 48 Mohtana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00	- 14	Ohio	\$11,103,470	
16         Virginia         \$10,008,612         1.65           17         Georgia         \$9,531,999         1.00           18         Colorado         \$9,199,547         5.48           19         Kentucky         \$8,777,125         1.39           20         Maryland         \$8,488,700         1.00           21         Alabama         \$8,152,027         2.20           22         North Carolina         \$7,670,275         1.00           23         Louisiana         \$6,348,454         1.24           24         Hawaii         \$6,276,116         1.33           25         Utah         \$6,253,704         5.12           26         Arizona         \$5,429,245         1.04           27         Maine         \$5,134,428         5.25           28         Indiana         \$4,718,872         1.54           29         South Carolina         \$4,651,263         1.15           30         Tennessee         \$4,603,271         3.18           31         Arkansas         \$4,397,120         4.11           32         Mississippi         \$4,343,504         1.00           33         Missouri         \$4,027,070	15	Wisconsin		
17       Georgia       \$9,531,999       1.00         18       Colorado       \$9,199,547       5.48         19       Kentucky       \$8,777,125       1.39         20       Maryland       \$8,488,700       1.00         21       Alabama       \$8,152,027       2.20         22       North Carolina       \$7,670,275       1.00         23       Louisiana       \$6,348,454       1.24         24       Hawati       \$6,276,116       1.33         25       Utah       \$6,253,704       5.12         26       Arizona       \$5,429,245       1.04         27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38	16	Virginia		
18         Colorado         \$9,199,547         5.48           19         Kentucky         \$8,777,125         1.39           20         Maryland         \$8,488,700         1.00           21         Alabama         \$8,152,027         2.20           22         North Carolina         \$7,670,275         1.00           23         Louisiana         \$6,348,454         1.24           24         Hawaii         \$6,276,116         1.33           25         Utah         \$6,253,704         5.12           26         Arizona         \$5,429,245         1.04           27         Maine         \$5,134,428         5.25           28         Indiana         \$4,718,872         1.54           29         South Carolina         \$4,651,263         1.15           30         Tennessee         \$4,603,271         3.18           31         Arkansas         \$4,397,120         4.11           32         Mississippi         \$4,343,504         1.00           33         Missouri         \$4,027,070         1.02           34         West Virginia         \$3,911,470         2.05           35         New Mexico         \$3,814,629	17	Georgia		
19 Kentucky \$8,777,125 1.39 20 Maryland \$8,488,700 1.00 21 Alabama \$8,152,027 2.20 22 North Carolina \$7,670,275 1.00 23 Louisiana \$6,348,454 1.24 24 Hawaii \$6,276,116 1.33 25 Utah \$6,253,704 5.12 26 Arizona \$5,429,245 1.04 27 Maine \$5,134,428 5.25 28 Indiana \$4,718,872 1.54 29 South Carolina \$4,651,263 1.15 30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$892,540 3.91 48 Montana \$377,986 1.00 49 Nebraska \$44,977 1.00	18	Colorado		
20       Maryland       \$8,488,700       1.00         21       Alabama       \$8,152,027       2.20         22       North Carolina       \$7,670,275       1.00         23       Louisiana       \$6,348,454       1.24         24       Hawaii       \$6,265,704       5.12         24       Hawaii       \$6,253,704       5.12         26       Arizona       \$5,429,245       1.04         27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83	19	Kentucky		
21       Alabama       \$8,152,027       2.20         22       North Carolina       \$7,670,275       1.00         23       Louisiana       \$6,348,454       1.24         24       Hawaii       \$6,276,116       1.33         25       Utah       \$6,253,704       5.12         26       Arizona       \$5,429,245       1.04         27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64	20	Maryland		
22       North Carolina       \$7,670,275       1.00         23       Louisiana       \$6,348,454       1.24         24       Hawaii       \$6,276,116       1.33         25       Utah       \$6,253,704       5.12         26       Arizona       \$5,429,245       1.04         27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,919,815       12.77	21	Alabama		
23       Louisiana       \$6,348,454       1.24         24       Hawaii       \$6,276,116       1.33         25       Utah       \$6,253,704       5.12         26       Arizona       \$5,429,245       1.04         27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississisppi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,019,815       12.77         41       Nevada       \$2,925,206       1.30 <td>22</td> <td>North Carolina</td> <td></td> <td></td>	22	North Carolina		
24       Hawaii       \$6,276,116       1.33         25       Utah       \$6,253,704       5.12         26       Arizona       \$5,429,245       1.04         27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,919,815       12.77         41       Nevada       \$2,925,206       1.30         42       New Hampshire       \$1,936,728       2.80     <	23	Louisiana		
25         Utah         \$6,253,704         5.12           26         Arizona         \$5,429,245         1.04           27         Maine         \$5,134,428         5.25           28         Indiana         \$4,718,872         1.54           29         South Carolina         \$4,651,263         1.15           30         Tennessee         \$4,603,271         3.18           31         Arkansas         \$4,397,120         4.11           32         Mississippi         \$4,343,504         1.00           33         Missouri         \$4,027,070         1.02           34         West Virginia         \$3,911,470         2.05           35         New Mexico         \$3,814,629         1.38           36         Alaska         \$3,606,500         6.10           37         Kansas         \$3,508,943         1.08           38         Delaware         \$3,393,400         1.83           39         Rhode Island         \$3,114,278         1.64           40         Iowa         \$3,114,278         1.64           40         Iowa         \$3,019,815         12.77           41         Nevada         \$2,925,206	24	Hawaii		
26       Arizona       \$5,429,245       1.04         27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,019,815       12.77         41       Nevada       \$2,925,206       1.30         42       New Hampshire       \$1,936,728       2.80         43       Oklahoma       \$1,890,284       1.01         44       Idaho       \$1,433,602       1.83	25	Utah		
27       Maine       \$5,134,428       5.25         28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,019,815       12.77         41       Nevada       \$2,925,206       1.30         42       New Hampshire       \$1,936,728       2.80         43       Oklahoma       \$1,890,284       1.01         44       Idaho       \$1,126,237       2.62         46       North Dakota       \$892,540       3.91	26	Arizona		
28       Indiana       \$4,718,872       1.54         29       South Carolina       \$4,651,263       1.15         30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,019,815       12.77         41       Nevada       \$2,925,206       1.30         42       New Hampshire       \$1,936,728       2.80         43       Oklahoma       \$1,890,284       1.01         44       Idaho       \$1,433,602       1.83         45       Vermont       \$1,126,237       2.62         46       North Dakota       \$492,540       3.91 <td>27</td> <td>Maine</td> <td></td> <td></td>	27	Maine		
30 Tennessee \$4,603,271 3.18 31 Arkansas \$4,397,120 4.11 32 Mississippi \$4,343,504 1.00 33 Missouri \$4,027,070 1.02 34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00	28	Indiana	\$4,718,872	
30       Tennessee       \$4,603,271       3.18         31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,019,815       12.77         41       Nevada       \$2,925,206       1.30         42       New Hampshire       \$1,936,728       2.80         43       Oklahoma       \$1,890,284       1.01         44       Idaho       \$1,433,602       1.83         45       Vermont       \$1,126,237       2.62         46       North Dakota       \$892,540       3.91         47       South Dakota       \$457,677       2.07         48       Montana       \$377,986       1.00		South Carolina	\$4,651,263	1.15
31       Arkansas       \$4,397,120       4.11         32       Mississippi       \$4,343,504       1.00         33       Missouri       \$4,027,070       1.02         34       West Virginia       \$3,911,470       2.05         35       New Mexico       \$3,814,629       1.38         36       Alaska       \$3,606,500       6.10         37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,019,815       12.77         41       Nevada       \$2,925,206       1.30         42       New Hampshire       \$1,936,728       2.80         43       Oklahoma       \$1,890,284       1.01         44       Idaho       \$1,433,602       1.83         45       Vermont       \$1,126,237       2.62         46       North Dakota       \$892,540       3.91         47       South Dakota       \$457,677       2.07         48       Montana       \$377,986       1.00         49       Nebraska       \$45,129       1.49 <td></td> <td>Tennessee</td> <td>\$4,603,271</td> <td></td>		Tennessee	\$4,603,271	
33         Missouri         \$4,027,070         1.02           34         West Virginia         \$3,911,470         2.05           35         New Mexico         \$3,814,629         1.38           36         Alaska         \$3,606,500         6.10           37         Kansas         \$3,508,943         1.08           38         Delaware         \$3,393,400         1.83           39         Rhode Island         \$3,114,278         1.64           40         Iowa         \$3,019,815         12.77           41         Nevada         \$2,925,206         1.30           42         New Hampshire         \$1,936,728         2.80           43         Oklahoma         \$1,890,284         1.01           44         Idaho         \$1,433,602         1.83           45         Vermont         \$1,126,237         2.62           46         North Dakota         \$892,540         3.91           47         South Dakota         \$457,677         2.07           48         Montana         \$377,986         1.00           49         Nebraska         \$45,129         1.49           50         Wyoming         \$44,977         <		Arkansas	\$4,397,120	
34 West Virginia \$3,911,470 2.05 35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		Mississippi	\$4,343,504	1.00
35 New Mexico \$3,814,629 1.38 36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		Missouri	\$4,027,070	1.02
36 Alaska \$3,606,500 6.10 37 Kansas \$3,508,943 1.08 38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		West Virginia	\$3,911,470	2.05
37       Kansas       \$3,508,943       1.08         38       Delaware       \$3,393,400       1.83         39       Rhode Island       \$3,114,278       1.64         40       Iowa       \$3,019,815       12.77         41       Nevada       \$2,925,206       1.30         42       New Hampshire       \$1,936,728       2.80         43       Oklahoma       \$1,890,284       1.01         44       Idaho       \$1,433,602       1.83         45       Vermont       \$1,126,237       2.62         46       North Dakota       \$892,540       3.91         47       South Dakota       \$457,677       2.07         48       Montana       \$377,986       1.00         49       Nebraska       \$45,129       1.49         50       Wyoming       \$44,977       1.00		New Mexico	\$3,814,629	1.38
38 Delaware \$3,393,400 1.83 39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		Alaska	\$3,606,500	6.10
39 Rhode Island \$3,114,278 1.64 40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00			\$3,508,943	1.08
40 Iowa \$3,019,815 12.77 41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		Delaware		1.83
41 Nevada \$2,925,206 1.30 42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		Rhode Island		1.64
42 New Hampshire \$1,936,728 2.80 43 Oklahoma \$1,890,284 1.01 44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00				12.77
43       Oklahoma       \$1,890,284       1.01         44       Idaho       \$1,433,602       1.83         45       Vermont       \$1,126,237       2.62         46       North Dakota       \$892,540       3.91         47       South Dakota       \$457,677       2.07         48       Montana       \$377,986       1.00         49       Nebraska       \$45,129       1.49         50       Wyoming       \$44,977       1.00			\$2,925,206	
44 Idaho \$1,433,602 1.83 45 Vermont \$1,126,237 2.62 46 North Dakota \$892,540 3.91 47 South Dakota \$457,677 2.07 48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		New Hampshire		2.80
44       Idaho       \$1,433,602       1.83         45       Vermont       \$1,126,237       2.62         46       North Dakota       \$892,540       3.91         47       South Dakota       \$457,677       2.07         48       Montana       \$377,986       1.00         49       Nebraska       \$45,129       1.49         50       Wyoming       \$44,977       1.00	43	Oklahoma	\$1,890,284	1.01
46       North Dakota       \$892,540       3.91         47       South Dakota       \$457,677       2.07         48       Montana       \$377,986       1.00         49       Nebraska       \$45,129       1.49         50       Wyoming       \$44,977       1.00				
46       North Dakota       \$892,540       3.91         47       South Dakota       \$457,677       2.07         48       Montana       \$377,986       1.00         49       Nebraska       \$45,129       1.49         50       Wyoming       \$44,977       1.00		Vermont		
48 Montana \$377,986 1.00 49 Nebraska \$45,129 1.49 50 Wyoming \$44,977 1.00		North Dakota		
48       Montana       \$377,986       1.00         49       Nebraska       \$45,129       1.49         50       Wyoming       \$44,977       1.00				2.07
49       Nebraska       \$45,129       1.49         50       Wyoming       \$44,977       1.00		Montana	\$377,986	1.00
50 Wyoming \$44,977 1.00				
TALL.	50	Wyoming	\$44,977	
		Totals	CEED ED ANN	nitalia ett <b>a 2</b> 200 tillulat.

Totals \$559,594,329 1.34

Puerto Rico \$39,413,260\*\*\*

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<sup>\*\*\*</sup> This figure is not included in any totals, averages, or median calculations but is provided for comparison purposes only.

<sup>\*\*</sup> This figure is not included in any totals, averages, or median calculations but is provided for comparison purposes only.

Table 5: Net Tax-	Supported De	ebt as	a Perc	entag	e of Pe	ersona	l Inco	me				
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Alabama	1.7	1.5	2.3	2.2	2.2	2.2	2.0	2.0	2.2	2.0	2.8	2.5
Alaska	0.5	0.0	1.0	0.4	0.4	0.3	3.0	2.8	2.6	2.7	2.4	2.2
Arizona	1.9	1.9	1.6	1.6	1.9	2.1	2.3	2.6	2.2	2.0	2.0	2.5
Arkansas	0.8	0.6	0.9	1.2	1.2	1.4	1.8	1.6	1.6	1.4	1.7	1.3
California	2.6	2.6	2.4	2.5	2.5	2.5	3.2	4.7	4.6	4.4	4.3	4.4
Colorado	0.1	0.0	0.03	0.4	0.7	0.9	0.9	1.0	0.9	0.9	8.0	0.8
Connecticut	8.7	8.7	8.1	8.0	8.0	8.2	8.4	8.5	8.0	7.8	7.3	8.2
Delaware	5.9	5.7	5.2	5.5	5.3	5.0	5.6	5.5	5.3	5.5	5.2	5.4
Florida	3.4	3.5	3.4	3.3	3.4	3.5	3.5	3.4	3.2	3.1	2.8	2.9
Georgia	2.9	2.9	2.8	2.6	2.9	2.9	2.9	2.8	2.7	3.0	3.0	3.0
Hawaii	10.7	11.2	11.6	11.0	10.4	10.9	10.4	11.1	12.1	10.6	9.9	9.4
Idaho	0.2	0.4	0.4	0.3	0.4	0.3	0.5	0.6	0.6	0.6	1.2	1.6
Illinois	2.7	2.6	2.6	2.7	2.8	3.2	5.8	6.2	5.9	5.5	5.2	4.6
Indiana	0.8	0.9	0.9	1.1	1.1	1.1	1.3	1.4	1.6	2.1	1.5	1.5
lowa	0.5	0.5	0.4	0.4	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.2
Kansas	1.7	2.0	2.4	3.1	3.0	3.0	3.3	4.0	3.8	3.7	3.5	3.2
Kentucky	3.9	3.7	3.5	4.4	4.3	4.4	4.4	4.0	4.5	4.3	4.7	4.8
Louisiana	2.6	2.6	2.4	2.5	2.4	2.7	2.6	2.4	3.1	4.9	4.3	3.3
Maine	1.9	1.9	2.1	2.0	1.9	1.8	1.8	2.2	2.0	1.9	1.9	2.2
Maryland	3.1	3.3	3.0	2.6	2.6	2.8	3.0	2.9	3.0	2.8	3.0	3.3
Massachusetts	7.8	7.8	8.0	8.5	8.5	8.5	8.5	8.5	9.8	9.4	9.8	8.9
Michigan	1.6	1.7	1.5	1.6	1.5	1.8	2.2	2.2	2.1	2.2	2.2	2.2
Minnesota	1.9	2.0	1.9	1.8	1.8	1.9	2.0	2.0	2.1	2.2	2.3	2.1
Mississippi	3.5	4.4	4.7	4.6	4.7	5.6	5.2	4.8	4.8	4.9	4.8	5.2
Missouri	1.0	1.0	1.0	1.1	1.3	1.3	1.6	1.5	1.6	1.9	2.1	2.0
Montana	1.4	1.7	1.7	1.7	1.6	1.4	1.3	1.1	1.4	1.5	1.2	1.2
Nebraska	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Nevada	1.6	1.8	1.8	1.8	1.7	1.4	2.0	2.0	2.2	1.7	2.0	2.2
New Hampshire	2.4	2.3	2.0	1.5	1.5	1.4	1.5	1.3	1.4	1.3	1.3	1.3
New Jersey	5.1	5.2	5.3	5.5	5.6	5.5	5.9	7.4	7.9	7.6	7.5	7.3
New Mexico	1.9	2.6	3.1	4.0	4.0	3.7	4.1	5.3	4.7	5.3	4.8	4.6
New York	6.5	6.6	6.4	6.2	5.9	5.9	6.7	7.2	6.7	6.7	6.3	6.3
North Carolina	1.0	1.2	1.4	1.4	1.4	1.6	2.0	2.5	2.8	2.4	2.8	2.5
North Dakota	0.8	0.6	0.7	0.9	0.9	0.9	0.9	0.6	1.2	1.0	1.1	1.0
Ohio	2.5	2.7	2.7	2.6	2.6	2.6	2.7	2.9	2.9	3.0	2.9	2.8
Oklahoma	0.8	1.2	1.3	1.4	1.3	1.2	1.2	1.2	1.4	1.5	1.5	1.5
Oregon	1.2	1.2	1.3	1.6	1.5	1.6	4.5	4.7	4.5	4.6	5.0	4.6
Pennsylvania	2.0	2.3	2.2	2.2	2.3	2.3	2.2	2.3	2.3	2.4	2.4	2.5
Rhode Island	6.6	6.5	6.2	5.3	5.2	5.0	4.4	4.3	4.1	4.6	4.7	4.5
South Carolina	1.6	1.6	1.6	1.8	2.5	2.4	2.4	2.2	2.5	2.3	3.3	2.9
South Dakota	1.5	1.5	1.5	1.2	0.9	0.7	0.9	0.9	0.7	0.8	0.9	0.8
Tennessee	0.9	1.0	1.0	1.2	0.9	0.8	0.8	0.7	0.8	0.7	0.7	0.7
Texas	1.4	1.3	1.2	1.0	0.9	0.9	0.8	1.0	1.0	1.3	1.4	1.4
Utah	3.1	3.6	3.3	2.8	3.0	2.9	3.5	3.2	2.7	2.3	1.9	1.5
Vermont	4.2	4.2	3.8	3.3	3.0	3.0	2.5	2.3	2.2	2.1	2.0	1.8
Virginia	2.1	2.0	2.1	1.9	1.8	1.7	1.7	1.8	1.7	1.8	1.9	1.9
Washington	4.8	4.6	4.6	4.4	4.4	4.8	4.9	4.9	4.9	5.1	5.1	5.1
West Virginia	2.8	3.4	3.3	4.2	4.0	4.1	3.6	4.6	4.4	3.9	3.9	3.6
Wisconsin	2.8	2.8	2.7	3.2	3.0	3.3	4.5	4.7	4.3	4.2	4.1	4.0
	0.7	1.0	1.0	1.0	1.4	0.9	0.8	0.7	0.3	0.3	0.2	0.2
Wyoming	0.7								. 4	<u> </u>	ند	o =
Median	1.9	2.0	2.2	2.1	2.3	2.2	2.4	2.4	2.5	2.4	2.6	2.5

## Moody's Related Research

#### **Special Comments:**

- Outlook Remains Negative for U.S. States: Federal Fiscal Stimulus May Moderate Recession's Effects on U.S. States; Impact from Recession Will Not be Equal, February 2009 (114526)
- Rating Changes for the 50 States from 1973 to Date, June 2009 (115372)
- U.S. States Credit Scorecard 2008, July 2008 (109606)

#### Rating Methodology:

Moody's State Rating Methodology, November 2004 (89335)

To access any of these reports, click on the entry above. Note that these references are current as of the date of publication of this report and that more recent reports may be available. All research may not be available to all clients.

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