

Financial Snapshot

An appendix to the Citizen's Guide to Transportation Funding in Missouri



November 2017



Financial Snapshot

About the Financial Snapshot

The Financial Snapshot provides answers to frequently asked questions regarding MoDOT's finances. The document also serves as an appendix to the Citizen's Guide to Transportation Funding in Missouri.

www.modot.org/about/documents/FinancialSnapshot.pdf

If you have any questions concerning this report, please contact MoDOT's Financial Services Division at (573) 526-8106.

MoDOT's Mission

Our mission is to provide a world-class transportation experience that delights our customers and promotes a prosperous Missouri.

Table of Contents

Transportation Funding

Revenue for Roads and Bridges, Multimodal, Highway Safety – Table	3
MoDOT Revenue for Roads and Bridges, Multimodal, Highway Safety - Table	4
MoDOT Expenditures for Roads and Bridges, Multimodal, Highway Safety - Table	5
Summary of State and Federal Funds	6
Federal Aid Apportionments based on Fixing America’s Surface Transportation (FAST) Act	7
Ratio of Federal Highway Trust Fund Payments Into Fund vs. Apportionments and Allocations Out of Fund	9
Summary of State Road Bond Financing Program	10
Highway User Fees to Local Governments by Fiscal Year	11

Transportation Facts

Summary of MoDOT’s External and Internal Expenditures	12
Summary of Actual and Projected Construction Awards and Contractor Payments	13
Missouri’s State and Federal Fuel Tax Rates and Fuel Tax History	14
Missouri Vehicle Registrations and Licensed Drivers Fiscal Year 2017	15
Net Motor Fuel Gallons Taxed	16
Distribution of Highway User Fees Fiscal Year 2017	17
Potential Transportation Revenue Options – Motor Fuel Tax	18
Potential Transportation Revenue Options – Sales Tax	19
Potential Transportation Revenue Options – Motor Vehicle and Driver Licensing Fees and Alternative Fuel Decal Fees	20
Potential Transportation Revenue Options – \$100 million, \$250 million and \$500 million	21
Potential Transportation Revenue Options – \$100 million and \$250 million	22
Road and Bridge Funding Flowchart	23

Transportation Funding

Revenue for Roads and Bridges, Multimodal, Highway Safety
 Fiscal Year 2017
 (Dollars in thousands)

Missouri User Fees and Other Revenue (61.6%)	State	Cities & Counties	Total	%
Motor Vehicle Fuel Tax	\$510,950	\$188,405	\$699,355	46.1
Aviation Fuel Tax	255	0	255	0.0
Motor Vehicle Sales Tax	361,346	57,531	418,877	27.6
Jet Fuel Sales Tax	3,905	0	3,905	0.3
Motor Vehicle and Driver's Licensing Fees	285,635	28,412	314,047	20.7
Multimodal and Highway Safety Fees	2,476	0	2,476	0.2
Interest and Miscellaneous	77,472	0	77,472	5.1
Total Revenue	\$1,242,039	\$274,348	\$1,516,387	100.0

Federal Revenue (37.6%)	State	Cities & Counties	Total	%
Federal Reimbursement	\$758,320	\$147,613	\$905,933	98.0
Federal Grants	18,745	0	18,745	2.0
Total Revenue	\$777,065	\$147,613	\$924,678	100.0

Missouri General Revenue (0.8%)	State	Cities & Counties	Total	%
State General Revenue Fund	\$19,486	\$0	\$19,486	100.0
Total Revenue	\$19,486	\$0	\$19,486	100.0

Transportation Funding

MoDOT Revenue for Roads and Bridges, Multimodal, Highway Safety (Dollars in thousands)

MoDOT's funding comes from both state and federal sources. Most of the money is dedicated by federal law or the state constitution and statutes to specific purposes. Included below are the funds available for roads and bridges and other transportation modes.

Revenue (Road and Bridge)	2013	2014	2015	2016	2017
Fuel Tax ¹	\$488,691	\$488,800	\$494,649	\$511,786	\$510,950
Vehicle/Driver's Licensing Fees ¹	266,844	271,142	279,455	289,009	285,635
Motor Vehicle Sales Tax ¹	295,072	304,365	323,105	337,965	356,552
Interest and Miscellaneous ²	185,576	123,339	102,388	116,466	75,465
Federal Reimbursement ^{3,4,5}	913,236	831,066	760,239	827,843	844,194
Total Revenue	\$2,149,419	\$2,018,712	\$1,959,836	\$2,083,069	\$2,072,796

Revenue (Multimodal)	2013	2014	2015	2016	2017
Aviation Fuel ¹	\$271	\$244	\$247	\$251	\$255
Fees ¹	2,091	2,067	2,353	1,758	2,171
Sales Taxes ¹	8,166	10,003	10,092	8,894	8,699
State General Revenue Fund ⁶	9,301	13,502	13,938	17,943	19,486
Interest and Miscellaneous ²	2,111	1,572	2,745	2,707	2,000
Federal Reimbursement ^{3,4,5}	61,709	65,226	56,686	64,167	61,739
Total Revenue⁸	\$83,649	\$92,614	\$86,061	\$95,720	\$94,350

Revenue (Highway Safety)	2013	2014	2015	2016	2017
Fees ⁷	\$372	\$359	\$328	\$314	\$305
Interest and Miscellaneous ²	4	20	4	8	7
Federal Grants ³	42,043	32,404	36,351	18,908	18,745
Total Revenue⁹	\$42,419	\$32,783	\$36,683	\$19,230	\$19,057

Notes:

¹User fees.

²Includes interest earned on invested funds, sale of surplus property and excess right of way and construction cost reimbursements from local and other state governments.

³User fees and transfers from the General Fund and Leaking Underground Storage Tank (L.U.S.T.) Fund.

⁴Includes reimbursement for American Recovery and Reinvestment Act (ARRA) projects.

⁵Includes federal funds that flow through MoDOT to local governments and agencies.

⁶Appropriated by the Missouri General Assembly.

⁷Includes motorcycle instruction permit fees and fees collected by the courts from violators of state laws or municipal or county ordinances.

⁸Includes the following funds: Multimodal Operations-Federal, State Transportation, Aviation Trust, State Transportation Assistance Revolving, Grade Crossing Safety Account, Railroad Expense, Light Rail Safety and General Revenue.

⁹Includes the following funds: Highway Safety Federal, Motor Carrier Safety Assistance Program-Federal and the Motorcycle Safety Trust Fund.

Source: MoDOT.

Transportation Funding

MoDOT Expenditures for Roads and Bridges, Multimodal, Highway Safety (Dollars in thousands)

MoDOT's largest expenditure category is the construction program. The construction program expenditures include contractor payments, engineering, reimbursement to local entities for acceleration of projects, right of way payments, and federal pass-through to local public agencies. Other State Agencies represents appropriations to the Missouri State Highway Patrol and the Department of Revenue.

Expenditures (Road and Bridge)	2013	2014	2015	2016	2017
Construction Program ¹	\$1,060,724	\$907,269	\$912,784	\$818,994	\$810,814
Construction Operating Costs ²	127,281	127,002	130,552	126,880	129,147
Maintenance ²	419,581	443,939	435,085	430,236	449,262
Fleet, Facilities & Info. Systems ²	69,625	70,095	67,118	78,854	74,924
Debt Service ³	289,334	292,930	288,009	280,237	412,523
Administration ²	46,772	48,405	50,718	51,564	50,732
Other State Agencies ⁴	227,054	233,307	250,109	250,272	261,491
Total Expenditures	\$2,240,371	\$2,122,947	\$2,134,375	\$2,037,037	\$2,188,893

Expenditures (Multimodal)	2013	2014	2015	2016	2017
Operating Costs ²	\$2,450	\$2,341	\$2,610	\$2,625	\$2,707
Transit	34,875	29,379	36,509	34,644	30,425
Rail	22,865	23,430	16,485	18,726	17,304
Aviation	23,337	30,153	27,558	35,275	38,718
Port-Waterway	615	3,279	3,307	6,220	4,464
STAR Fund Loan	0	0	0	1	301
Freight	0	850	650	850	1,000
Total Expenditures	\$84,142	\$89,432	\$87,119	\$98,341	\$94,919

Expenditures (Highway Safety)	2013	2014	2015	2016	2017
Operating Costs ²	\$391	\$514	\$497	\$522	\$521
Safety Programs	41,813	15,541	14,980	18,465	18,532
Total Expenditures	\$42,204	\$16,055	\$15,477	\$18,987	\$19,053

Notes:

¹ Includes contractor payments to construct and design roads and bridges, payments to purchase right of way and federal funds that flow through MoDOT to local governments.

² Includes personal services and fringe benefits of MoDOT employees and expense & equipment costs.

³ Includes the principal and interest payments for funds borrowed by the Missouri Highways and Transportation Commission (MHTC). In 2017, \$117.8 million of bonds were paid-off early, saving future interest cost of \$29.4 million.

⁴ Includes appropriated expenditures of the Missouri State Highway Patrol and Missouri Department of Revenue.

Source: MoDOT.

Financial Snapshot - November 2017

Transportation Funding

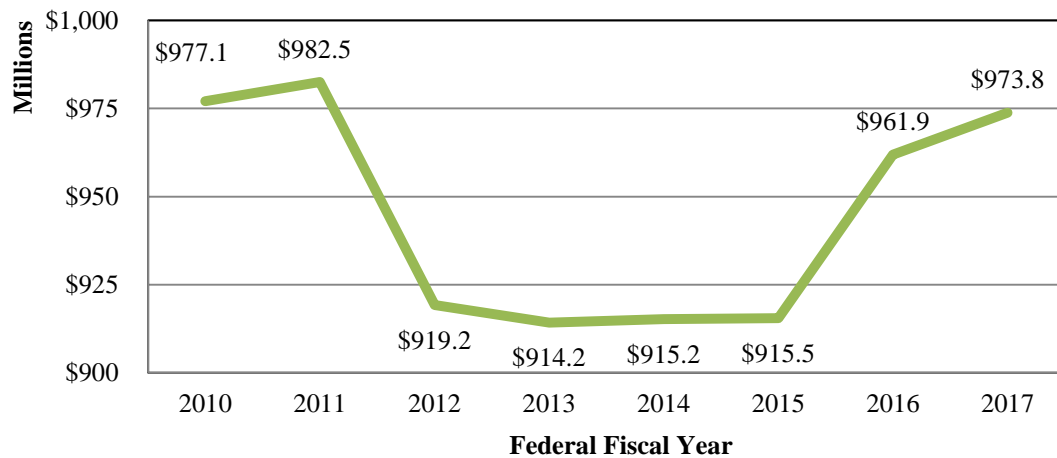
Summary of State and Federal Funds

Fund	Source of Funds
State Road Fund	Federal Highway Administration reimbursements; licenses, permits, and fees for motor vehicles and drivers; state sales tax on motor vehicles; cost reimbursements; and other miscellaneous fees [Section 226.220 RSMo.]
State Road Bond Fund	State sales tax on motor vehicles [Section 226.210 RSMo.]
State Highways and Transportation Department Fund	Motor fuel tax and licenses, permits and fees for motor vehicles and drivers [Section 226.200 RSMo.]
Aviation Trust Fund	User fees of 9 cents per gallon on aviation gasoline and a portion of the state sales tax collected on jet fuel [Section 155.090 RSMo.]
State Transportation Fund	Two percent of one-half of the state sales tax on motor vehicles [Section 226.225 RSMo.]
Grade Crossing Safety Account	Owner of a motor vehicle pays a fee of twenty-five cents each year when the person registers or renews the registration of a motor vehicle [Section 389.612 RSMo.]
Railroad Expense Fund	Assessments collected from the railroads [Section 622.015 RSMo.]
State Transportation Assistance Revolving (STAR) Fund	This fund accounts for loans to any political subdivision of the state or to any public or private not-for-profit organization for the planning, acquisition, development and construction of facilities for air, water, rail or public transportation, the purchase of vehicles for transportation of elderly and disabled persons, or the purchase of rolling stock for transit purposes. Loan repayments are deposited into this fund and are used to make additional loans under the revolving loan program. [Section 226.191 RSMo.]
Motorcycle Safety Trust Fund	Motorcycle instruction permit fees and a \$1 surcharge from all criminal cases including violations of any municipal or county ordinance or any violation of criminal or traffic laws of the state. [Section 302.137 RSMo. & Section 302.140 RSMo.]
Multimodal Operations Federal Fund	Federal grant monies associated with Multimodal programs
Motor Carrier Safety Assistance Federal Fund	Federal grant monies associated with the Motor Carrier Safety Assistance Program
Highway Safety Federal Fund	Federal grant monies associated with Highway Safety programs

Transportation Funding

Federal Aid Apportionments based on Fixing America’s Surface Transportation (FAST) Act (Dollars in millions)

Federal funds are generated by the federal fuel tax – 18.4 cents per gallon for gasoline and 24.4 cents per gallon for diesel. Federal fuel taxes are deposited into the Highway Trust Fund, and apportioned back to states via federal authorization bills. The amount Missouri is apportioned is reduced by the congressionally imposed obligation limitation, which places a ceiling on the amount we can commit to projects. Historically, approximately 98 percent of apportionments are available to obligate. Federal funds are received on a reimbursement basis. MoDOT and local public agencies spend state and local funds to build projects and request reimbursement from the Federal Highway Administration. Apportionments shown below include the amounts that by law are distributed to local public agencies.



The following chart lists the amounts apportioned to Missouri in each category under MAP-21 and FAST Acts. The FAST Act was signed into law by the President on December 4, 2015 and provides funding for surface transportation programs for federal fiscal years 2016, 2017, 2018, 2019 and 2020. The total apportionments under the FAST Act are significantly more than under the previous federal funding act, MAP-21.

Apportionment Category	2013	2014	2015	2016	2017
National Highway Performance (NHPP)	\$539.0	\$539.0	\$539.2	\$549.6	\$558.3
National Highway Freight (NHFP)	0.0	0.0	0.0	27.1	25.7
Surface Transportation (STP)	250.2	251.0	251.6	257.2	260.1
Congestion Mitigation & Air Quality (CMAQ)	22.6	22.6	22.6	23.0	23.3
Recreational Trails	1.7	1.7	1.6	1.6	1.7
Metropolitan Planning (MP)	4.9	4.9	4.9	5.2	5.2
Statewide Planning & Research (SPR)	18.6	18.5	18.1	19.4	19.7
Highway Safety Improvement (HSIP)	54.1	54.1	54.1	51.9	55.8
Rail/Highway Crossings	5.5	5.5	5.5	8.6	5.7
Transportation Alternatives (TAP)	17.6	17.9	17.9	18.3	18.3
Total	\$914.2	\$915.2	\$915.5	\$961.9	\$973.8

Apportionments are subject to Obligation Limitation. Obligation Limitation is a restriction, or “ceiling” on the amount of federal assistance that may be committed during a specified time period. Historically, Missouri’s obligation limitation has averaged 98 percent. So, as an example, with 2017 apportionments of \$973.8 million, we would be able to commit and spend about \$954.3 million on projects.

The apportionment categories under the FAST Act are as follows:

- **National Highway Performance** is the construction, reconstruction, resurfacing, restoration and rehabilitation of highways and bridges on National Highway System (NHS) routes which are routes designated by Congress as roadways important to the nation’s economy, defense and mobility.
- **National Highway Freight** includes improvements to the National Highway Freight Network (NHFN) that increase the efficiency of freight movement.
- **Surface Transportation** is the construction, reconstruction, rehabilitation, resurfacing, restoration and operational improvements of highways and bridges.
- **Congestion Mitigation & Air Quality** includes traffic management, monitoring and congestion relief strategies to assist areas designated as non-attainment under the Clean Air Act Amendments of 1990.
- **Recreational Trails** is for the development, construction, maintenance and rehabilitation of trails and trail facilities.
- **Metropolitan Planning** is for transportation planning activities to develop metropolitan area transportation plans and transportation improvement programs.
- **Statewide Planning & Research** includes transportation planning activities to develop the statewide transportation improvement program. It also includes studies, research and training on engineering standards and construction materials.
- **Highway Safety Improvement** is for highway safety improvements to eliminate roadway hazards.
- **Rail/Highway Crossings** is for highway safety improvements to mitigate hazards caused by rail-highway grade crossings.
- **Transportation Alternatives** is for the construction of on-road and off-road facilities for pedestrians, bicyclists and other non-motorized forms of transportation and infrastructure-related projects that provide safe routes for non-drivers, including children, older adults and individuals with disabilities to access daily needs.

Source: Prepared by MoDOT based on amounts received under MAP-21 and FAST Acts.

Transportation Funding

Ratio of Federal Highway Trust Fund Payments Into Fund vs. Apportionments and Allocations Out of Fund (Dollars in thousands)

The chart below shows Missouri has received more funding from the Highway Trust Fund than was contributed in highway taxes into the Fund. For example, in fiscal year 2015, Missouri received \$1.10 for every dollar contributed into the Highway Trust Fund.

Ratio of Federal Highway Trust Fund Payments Into the Fund vs. Apportionments and Allocations Out of the Fund ¹									
Surrounding States	2007	2008	2009	2010	2011	2012	2013	2014	2015
Arkansas	1.23	1.42	1.58	1.52	1.42	1.21	1.29	1.23	1.15
Illinois	1.21	1.29	1.36	1.36	1.30	1.09	1.23	1.15	1.11
Iowa	1.04	1.22	1.37	1.34	1.21	1.06	1.08	1.09	1.00
Kansas	1.18	1.28	1.31	1.37	1.17	1.02	1.10	1.03	0.98
Kentucky	1.10	1.26	1.41	1.38	1.24	1.07	1.35	1.12	1.06
Missouri	1.15	1.31	1.39	1.45	1.34	1.17	1.23	1.17	1.10
Nebraska	1.15	1.31	1.36	1.42	1.23	1.03	1.13	1.03	0.96
Oklahoma	1.26	1.37	1.41	1.42	1.28	1.08	1.15	1.07	1.00
Tennessee	1.11	1.23	1.29	1.35	1.26	1.02	1.14	1.06	1.00

Notes:

¹ Payments into the Fund include only the net highway user tax receipts and fines and penalties deposited in the Highway Account of the Federal Highway Trust Fund. Payments do not include transfers from the General Fund and Leaking Underground Storage Tank (L.U.S.T.) Fund totaling \$62.8 billion from 2008 to 2015. Apportionments and allocations out of the fund includes all funds apportioned or allocated from the Highway Trust Fund except where FHWA does not directly allocate the funds to the states, e.g. portions of Indian Reservation Roads and safety programs.

Source: Federal Highway Statistics Series 2015.

Transportation Funding

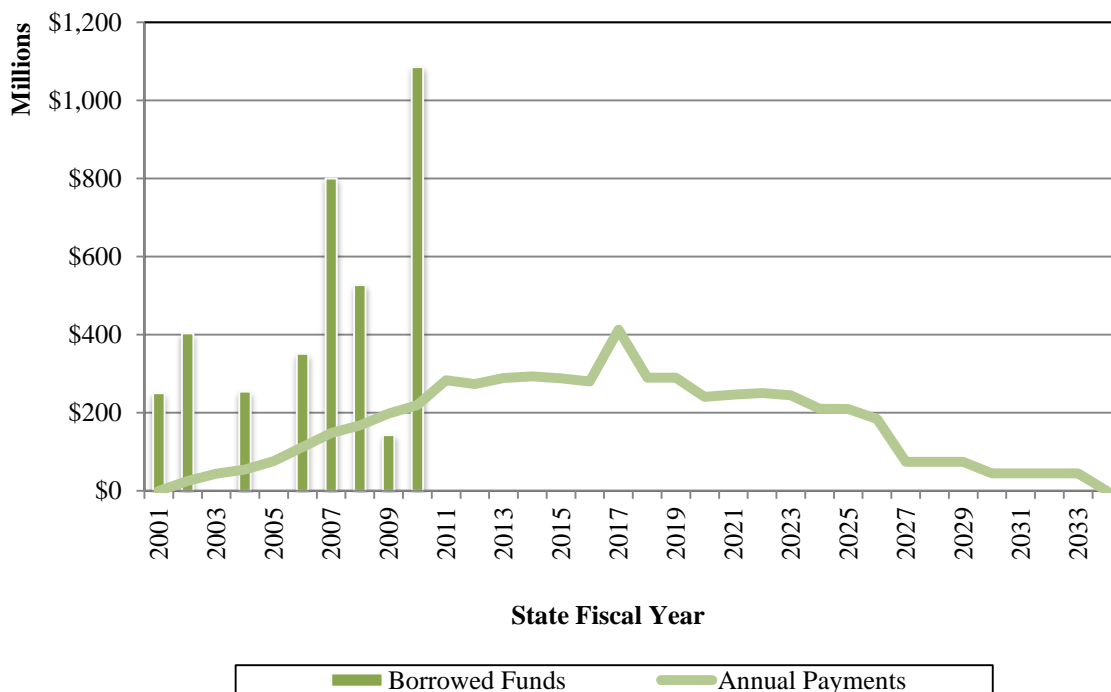
Summary of State Road Bond Financing Program (Dollars in millions)

Bond financing allowed MoDOT to provide much needed infrastructure improvements to the traveling public sooner than traditional funding allowed. Building projects sooner results in cost savings by reducing project inflation costs, while advancing economic development, improving safety and addressing congestion. The Missouri General Assembly authorized MoDOT to borrow \$2.25 billion in 2000. MoDOT borrowed \$907 million from fiscal years 2001-2004, referred to as senior lien debt.

Voters approved Amendment 3 in 2004 authorizing MoDOT to borrow funds by depositing vehicle sales taxes previously deposited in the state’s General Revenue Fund into a newly created State Road Bond Fund. The Amendment 3 revenues are designated for the payment of debt principal and interest. MoDOT borrowed \$1.98 billion from fiscal years 2006-2010.

In fiscal year 2009, MoDOT borrowed \$143 million for a portion of the new Interstate 64, a design-build project in the St. Louis region. This debt is referred to as Grant Anticipation Revenue Vehicle (GARVEE) bonds. In fiscal year 2010, MoDOT borrowed an additional \$100 million for the new Mississippi River Bridge project and \$685 million for the Safe and Sound Bridge Improvement Program.

The borrowed funds, shown below, do not include refunding bonds.



Note:

The MHTC has \$2.0 billion of bonds outstanding as of June 30, 2017. The average interest rate (true interest cost) on all outstanding debt combined is 2.86 percent.

Source: MoDOT.

Transportation Funding

Highway User Fees to Local Governments by Fiscal Year (Dollars in thousands)

The state does not receive all of the revenue generated by state highway user taxes and fees. The state constitution, Article IV, directs the Department of Revenue to distribute portions of the state motor fuel tax, motor vehicle sales and use taxes, and motor vehicle and driver licensing fees to cities and counties. The charts below show a six year history of transportation revenue sharing with local entities.

Cities

	Motor Fuel Revenue	Vehicle Sales Tax	Motor Vehicle Fees	Total
2012	100,994	23,155	16,418	140,567
2013	99,433	25,112	16,961	141,506
2014	100,077	28,340	16,059	144,476
2015	103,909	31,433	16,932	152,274
2016	104,130	33,285	17,343	154,758
2017	105,590	34,519	17,047	157,156

Counties

	Motor Fuel Revenue	Vehicle Sales Tax	Motor Vehicle Fees	Total
2012	79,206	15,437	10,945	105,588
2013	77,980	16,741	11,307	106,028
2014	78,484	18,893	10,706	108,083
2015	81,487	20,956	11,288	113,731
2016	81,663	22,190	11,562	115,415
2017	82,815	23,012	11,365	117,192

Total

	Motor Fuel Revenue	Vehicle Sales Tax	Motor Vehicle Fees	Total
2012	180,200	38,592	27,363	246,155
2013	177,413	41,853	28,268	247,534
2014	178,561	47,233	26,765	252,559
2015	185,396	52,389	28,220	266,005
2016	185,793	55,475	28,905	270,173
2017	188,405	57,531	28,412	274,348

Source: Prepared by MoDOT based on Missouri Department of Revenue data.

Transportation Facts

Summary of MoDOT's External and Internal Expenditures (Dollars in thousands)

The majority of MoDOT's expenditures are payments to vendors. The payments are for goods and services needed to build and maintain Missouri's transportation infrastructure. Whether it is payments to contractors, the purchase of equipment and supplies, design services or travel costs paid to hotels and airlines, these outward focused expenditures are an investment in Missouri's economy, and drive economic opportunity in the state. Internally focused expenditures include employee salaries and benefits, and program distributions to other state agencies and universities.

Expenditures (External)	2013	2014	2015	2016	2017
Construction Projects	\$915,099	\$761,481	\$763,552	\$671,228	\$644,073
Debt Service and Leases	302,666	299,741	289,111	287,584	413,177
Program Distributions ¹	219,175	215,605	232,524	244,743	249,804
Supplies	123,544	140,039	131,543	126,699	134,841
Services	74,812	88,818	75,730	60,871	80,423
Equipment	35,893	39,605	34,361	49,037	46,847
Miscellaneous	38,549	36,148	38,624	40,816	36,594
Fuel and Utilities	8,497	9,248	9,106	8,761	8,797
Refunds	3,784	1,629	2,862	3,653	2,625
Professional Development	1,335	1,387	1,495	3,780	1,944
Travel ²	1,389	1,504	1,383	1,397	1,569
Total Expenditures	\$1,724,743	\$1,595,205	\$1,580,291	\$1,498,569	\$1,620,694
	81%	80%	80%	79%	79%
Expenditures (Internal)	2013	2014	2015	2016	2017
Salaries and Benefits	\$380,481	\$392,393	\$400,454	\$398,886	\$413,212
Program Distributions ³	34,008	7,057	5,699	6,180	7,011
Travel ⁴	431	472	418	458	457
Total Expenditures	\$414,920	\$399,922	\$406,571	\$405,524	\$420,680
	19%	20%	20%	21%	21%
Other State Agencies	\$227,054	\$233,307	\$250,109	\$250,272	\$261,491
Total	\$2,366,717	\$2,228,434	\$2,236,971	\$2,154,365	\$2,302,865

Notes:

¹ Payments or federal funds passed through to cities, counties and other political subdivisions.

² Payments to vendors.

³ Payments or federal funds passed through to other state agencies and universities.

⁴ Employee reimbursements.

Source: MoDOT

Transportation Facts

Summary of Actual and Projected Construction Awards and Contractor Payments (Dollars in millions)

The graph below displays the relationship between construction awards and contractor payments. Prior to fiscal year (FY) 2011, MoDOT averaged annual construction awards of \$1.2 billion. Most projects are not completed in the year awarded, but are built and paid for in subsequent years. For example, approximately \$298 million of projected FY 2018 contractor payments is for projects awarded in FY 2018. The remainder is for projects awarded in prior years. Awards declined dramatically in FY 2011, but contractor payments remained high as the prior year projects were completed. The FY 2013 contractor payments declined because awards in FY 2011 and FY 2012 reduced significantly. Construction awards and contractor payments equal in future years due to construction awards remaining steady at \$900 million from 2019-2022. The information is based on the latest financial forecast that was used to develop the 2018-2022 Statewide Transportation Improvement Program (STIP).

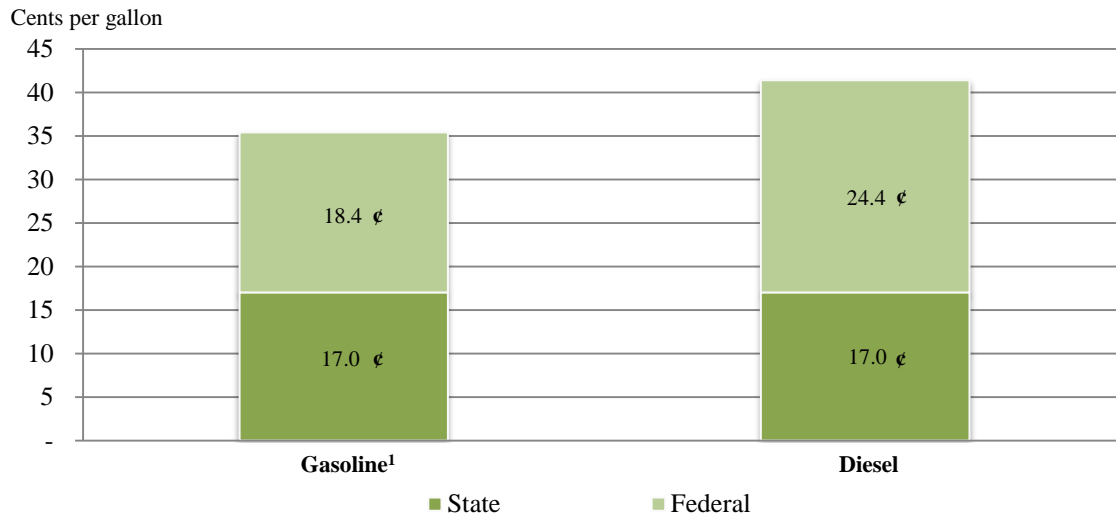


Source: MoDOT

Transportation Facts

Missouri's State and Federal Fuel Tax Rates and Fuel Tax History

The largest source of transportation revenue is from the federal government through a fuel tax. The largest source of state transportation revenue is the fuel tax. The state motor fuel tax is not indexed to keep pace with inflation. No rate increases have occurred on the state or federal level since the 1990's.



Note:

¹The gasoline taxes are also levied on gasohol.

State Fuel Tax History:

- The first state fuel tax rate was 2 cents per gallon, established in 1924.
- Fuel tax rate increased to 3 cents per gallon in 1952.
- Fuel tax rate increased to 5 cents per gallon in 1961.
- Fuel tax rate increased to 7 cents per gallon August 13, 1972.
- Fuel tax rate increased to 11 cents per gallon effective June 1, 1987 (Proposition A).
- Fuel tax rate increased to 13 cents per gallon effective April 1, 1992.
- Fuel tax rate increased to 15 cents per gallon effective April 1, 1994.
- Fuel tax rate increased to its current rate of 17 cents per gallon effective April 1, 1996.

Federal Fuel Tax History:

- The first federal fuel tax rate was 1 cent per gallon for both gasoline and diesel, established in 1932.
- Fuel tax rate increased to 3 cents per gallon for both gasoline and diesel in 1956.
- Fuel tax rate increased to 4 cents per gallon for both gasoline and diesel in 1959.
- Fuel tax rate increased to 9 cents per gallon for both gasoline and diesel in 1983.
- Fuel tax rate increased to 15 cents per gallon for diesel in 1984.
- Fuel tax rate increased to 9.1 cents per gallon for gasoline and 15.1 cents per gallon for diesel in 1987.
- Fuel tax rate increased to 14.1 cents per gallon for gasoline and 20.1 cents per gallon for diesel in 1990.
- Fuel tax rate increased to its current rate of 18.4 cents per gallon for gasoline and 24.4 cents per gallon for diesel in 1993, with fluctuations in the rate of the tax in 1995, 1996 and 1997 with the current rate effective October 1, 1997.

Source: Prepared by MoDOT based on Federal Highway Administration data.

Transportation Facts

Missouri Vehicle Registrations and Licensed Drivers Fiscal Year 2017

Vehicle Type	Number
Passenger Cars	3,753,993
Trucks	1,488,095
Recreational Vehicles	17,133
Buses	22,490
Motorcycles/Tricycles	157,163
Total	5,438,874

Number of licensed drivers in Missouri	
Male	2,048,659
Female	2,164,643
Total	4,213,302

Source: Prepared by MoDOT based on Missouri Department of Revenue and Federal Highway Administration data.

Transportation Facts

Net Motor Fuel Gallons Taxed (Gallons in millions)

Fiscal Year	Gasoline¹	Diesel	Total	Percent change
1990	2,622	614	3,236	0.929
1991	2,633	592	3,225	-0.324
1992	2,679	604	3,283	1.781
1993	2,686	613	3,299	0.500
1994 ²	2,766	697	3,463	4.953
1995	2,796	709	3,505	1.248
1996	2,837	772	3,609	2.968
1997	2,887	782	3,669	1.631
1998	2,931	802	3,733	1.775
1999 ³	2,926	835	3,761	0.741
2000	3,056	916	3,972	5.582
2001	2,975	860	3,835	-3.441
2002	3,025	914	3,939	2.708
2003	3,083	923	4,006	1.702
2004	3,148	977	4,125	2.993
2005	3,158	1,025	4,183	1.395
2006	3,124	1,032	4,156	-0.635
2007	3,109	1,033	4,142	-0.347
2008	3,119	1,064	4,183	0.982
2009	3,068	934	4,002	-4.316
2010	3,086	946	4,032	0.750
2011	3,066	967	4,033	0.019
2012	3,025	951	3,976	-1.413
2013	2,973	946	3,919	-1.431
2014	2,969	957	3,926	0.171
2015	3,030	979	4,009	2.120
2016	3,101	1,006	4,107	2.457
2017	3,115	1,014	4,129	0.536

Notes:

¹ Gasoline gallons include gasohol, compressed natural gas and liquefied natural gas.

² Beginning January 1, 1994, the Federal government moved the collection point to the terminal. All tax exempt diesel has to be dyed.

³ Beginning January 1, 1999, the State moved the collection point to the rack (terminal). Fiscal year 2000 was the first full year of collections at the terminal.

Source: Prepared by MoDOT based on Missouri Department of Revenue month of distribution data.

Transportation Facts

The following data shows the proportionate share between MoDOT, cities and counties of the three main revenue sources: motor fuel tax, motor vehicle sales tax and the motor vehicle and driver's licensing fees. The Missouri State Highway Patrol (MSHP) and the Department of Revenue (DOR) receive appropriations from these revenues as well.

Distribution of Highway User Fees Fiscal Year 2017

Fuel Taxes Rates:

State:	Gas / Gasohol	Percent	Diesel	Percent
State-Roads & Bridges, MSHP, DOR	12.45¢	73.2%	12.45¢	73.2%
Cities ¹	2.55¢	15.0%	2.55¢	15.0%
Counties ²	2.00¢	11.8%	2.00¢	11.8%
Total State	17.00¢		17.00¢	
Federal:				
Underground Storage Tank	0.10¢	0.6%	0.10¢	0.4%
Transit Account	2.86¢	15.5%	2.86¢	11.7%
Highway Account	15.44¢	83.9%	21.44¢	87.9%
Total Federal	18.40¢		24.40¢	
TOTAL FUEL TAX RATE	35.40¢		41.40¢	

State Motor Vehicle Sales Taxes:	Sales	Percent
State-Roads & Bridges	2.960%	70.1%
State-Other Transportation Modes	0.040%	0.9%
Cities ¹	0.300%	7.1%
Counties ²	0.200%	4.7%
School District Trust Fund	0.500%	11.8%
Department of Conservation	0.125%	3.0%
Department of Natural Resources	0.100%	2.4%
TOTAL STATE TAX RATE	4.225%	

State Motor Vehicle & Drivers Licensing Fees:	Fees prior to 1/1/80	Fee Increases after 1/1/80
State-Roads & Bridges, MSHP, DOR	100%	75%
Cities ¹	-	15%
Counties ²	-	10%

Notes:

¹ City share is based on population.

² County share is based on assessed rural land valuation and rural road mileage.

Source: MoDOT.

Transportation Facts

Potential Transportation Revenue Options-Motor Fuel Tax

Yield from Increasing Gas Excise Tax ¹

	5-Cents	10-Cents	15-Cents
State (70%)	\$108,793,535	\$217,587,073	\$326,380,608
City (15%)	23,312,901	46,625,801	69,938,702
County (15%)	23,312,901	46,625,801	69,938,702
Total	\$155,419,337	\$310,838,675	\$466,258,012

Yield From Increasing Diesel Fuel Excise Tax ¹

	5-Cents	10-Cents	15-Cents
State (70%)	\$35,508,923	\$71,017,847	\$106,526,770
City (15%)	7,609,055	15,218,110	22,827,165
County (15%)	7,609,055	15,218,110	22,827,165
Total	\$50,727,033	\$101,454,067	\$152,181,100

Yield From Increasing All Motor Fuel Excise Tax ¹

	5-Cents	10-Cents	15-Cents
State (70%)	\$144,302,458	\$288,604,920	\$432,907,378
City (15%)	30,921,956	61,843,911	92,765,867
County (15%)	30,921,956	61,843,911	92,765,867
Total	\$206,146,370	\$412,292,742	\$618,439,112

Yield From Implementing Sales Tax On Motor Fuel ²

	1.0%	3.0%	5.0%
State (70%)	\$52,898,711	\$158,696,134	\$264,493,555
City (15%)	11,335,438	34,006,314	56,677,191
County (15%)	11,335,438	34,006,314	56,677,191
Total	\$75,569,587	\$226,708,762	\$377,847,937

Yield From Implementing Consumer Price Index Adjustment On Motor Fuel ^{1,3}

	Year-1	Year-2	Year-3
State (70%)	\$10,389,777	\$20,779,554	\$31,457,936
City (15%)	2,226,381	4,452,762	6,740,986
County (15%)	2,226,381	4,452,762	6,740,986
Total	\$14,842,539	\$29,685,078	\$44,939,908

Notes:

¹ Potential yields are based on fiscal year 2017 net diesel gallons taxed of 1,014,540,669 and net gasoline and gasohol gallons taxed of 3,108,386,748.

² Potential yields are based on the gasoline price per gallon of \$2.15 and the diesel price per gallon of \$2.36 as reported in the August 11, 2017 Missouri Energy Bulletin. Yields exclude federal and state motor fuel excise tax in the calculation.

³ Potential yields are based on an annual consumer price index of 2.1 percent (15-year average).

Source: MoDOT.

Transportation Facts

Potential Transportation Revenue Options-Sales Tax

Yield From Increasing Motor Vehicle Sales Tax

	0.10%	0.25%	0.75%	1.00%
State (87.5%)	\$10,539,255	\$26,348,138	\$79,044,414	\$105,392,551
City (7.5%)	903,365	2,258,412	6,775,235	9,033,647
County (5%)	602,243	1,505,608	4,516,824	6,022,432
Total	\$12,044,863	\$30,112,158	\$90,336,473	\$120,448,630

Yield From Increasing General Sales Tax (Excludes Motor Vehicle Sales Tax)

	0.10%	0.25%	0.75%	1.00%
State (100%)	\$71,571,370	\$178,928,424	\$536,785,273	\$715,713,697
City (0%)	0	0	0	0
County (0%)	0	0	0	0
Total	\$71,571,370	\$178,928,424	\$536,785,273	\$715,713,697

Yield From Increasing General Sales Tax (Includes Motor Vehicle Sales Tax)

	0.10%	0.25%	0.75%	1.00%
State (98.2%)	\$82,110,625	\$205,276,562	\$615,829,687	\$821,106,248
City (1.1%)	903,365	2,258,412	6,775,235	9,033,647
County (0.7%)	602,243	1,505,608	4,516,824	6,022,432
Total	\$83,616,233	\$209,040,582	\$627,121,746	\$836,162,327

Source: Prepared by MoDOT based on fiscal year 2017 receipts.

Transportation Facts

Potential Transportation Revenue Options-Motor Vehicle and Driver Licensing Fees and Alternative Fuel Decal Fees

Yield From Increasing All Passenger Car Fees

	\$5.00	\$10.00	\$25.00	\$30.00
State (75%)	\$14,077,473	\$28,154,947	\$70,387,368	\$84,464,842
City (15%)	2,815,495	5,630,990	14,077,474	16,892,969
County (10%)	1,876,997	3,753,993	9,384,983	11,261,979
Total	\$18,769,965	\$37,539,930	\$93,849,825	\$112,619,790

Yield From Increasing All Truck & Bus Fees

	\$5.00	\$10.00	\$25.00	\$30.00
State (75%)	\$5,664,693	\$11,329,387	\$28,323,468	\$33,988,162
City (15%)	1,132,939	2,265,878	5,664,694	6,797,633
County (10%)	755,293	1,510,585	3,776,463	4,531,755
Total	\$7,552,925	\$15,105,850	\$37,764,625	\$45,317,550

Yield From Increasing Driver Licensing Fees

	\$5.00	\$10.00	\$25.00	\$30.00
State (75%)	\$4,456,537	\$8,913,075	\$22,282,687	\$26,739,225
City (15%)	891,308	1,782,615	4,456,538	5,347,845
County (10%)	594,205	1,188,410	2,971,025	3,565,230
Total	\$5,942,050	\$11,884,100	\$29,710,250	\$35,652,300

Yield From Increasing Alternative Fuel Decal Fees

	10.00%	20.00%	30.00%	40.00%
State (75%)	\$31,659	\$63,318	\$94,977	\$126,636
City (15%)	6,332	12,664	18,995	25,327
County (10%)	4,221	8,442	12,664	16,885
Total	\$42,212	\$84,424	\$126,636	\$168,848

Source: Prepared by MoDOT based on Missouri Department of Revenue passenger car, truck and bus registrations and driver license renewal information. Alternative fuel decal fee data is based on fiscal year 2017 revenue received.

Transportation Facts

Potential Transportation Revenue Options - \$100 million, \$250 million and \$500 million

Yield from Increasing All Motor Fuel Excise Tax ¹

	2.5-Cents	6-Cents	12-Cents
State (70%)	\$72,151,230	\$173,162,951	\$346,325,902
City (15%)	15,460,978	37,106,347	74,212,694
County (15%)	15,460,978	37,106,347	74,212,694
Total	\$103,073,186	\$247,375,645	\$494,751,290

Yield From Implementing Sales Tax On Motor Fuel ²

	1.3%	3.3%	6.6%
State (70%)	\$68,768,324	\$174,565,746	\$349,131,493
City (15%)	14,736,070	37,406,946	74,813,892
County (15%)	14,736,070	37,406,946	74,813,892
Total	\$98,240,464	\$249,379,638	\$498,759,277

Yield From Increasing Motor Vehicle Sales Tax

	0.85%	2.1%	4.2%
State (87.5%)	\$89,583,669	\$211,324,358	\$442,648,716
City (7.5%)	7,678,600	18,970,659	37,941,318
County (5%)	5,119,067	12,647,106	25,294,212
Total	\$102,381,336	\$252,942,123	\$505,884,246

Yield From Increasing General Sales Tax (Excludes Motor Vehicle Sales Tax)

	0.14%	0.35%	0.70%
State (100%)	\$100,199,918	\$250,499,794	\$500,999,588
City (0%)	0	0	0
County (0%)	0	0	0
Total	\$100,199,918	\$250,499,794	\$500,999,588

Yield From Increasing General Sales Tax (Includes Motor Vehicle Sales Tax)

	0.12%	0.30%	0.60%
State (98.2%)	\$98,532,750	\$246,331,875	\$492,663,749
City (1.1%)	1,084,038	2,710,094	5,420,188
County (0.7%)	722,692	1,806,729	3,613,459
Total	\$100,339,480	\$250,848,698	\$501,697,396

Notes:

¹ Potential yields are based on fiscal year 2017 net diesel gallons taxed of 1,014,540,669 and net gasoline and gasohol gallons taxed of 3,108,386,748.

² Potential yields are based on the gasoline price per gallon of \$2.15 and the diesel price per gallon of \$2.36 as reported in the August 11, 2017 Missouri Energy Bulletin. Yields exclude federal and state motor fuel excise tax in the calculation.

Source: Prepared by MoDOT based on fiscal year 2017 receipts.

Transportation Facts

Potential Transportation Revenue Options - \$100 million and \$250 million

Yield from Increasing All Passenger Car, Truck, Bus and Driver Licensing Fees

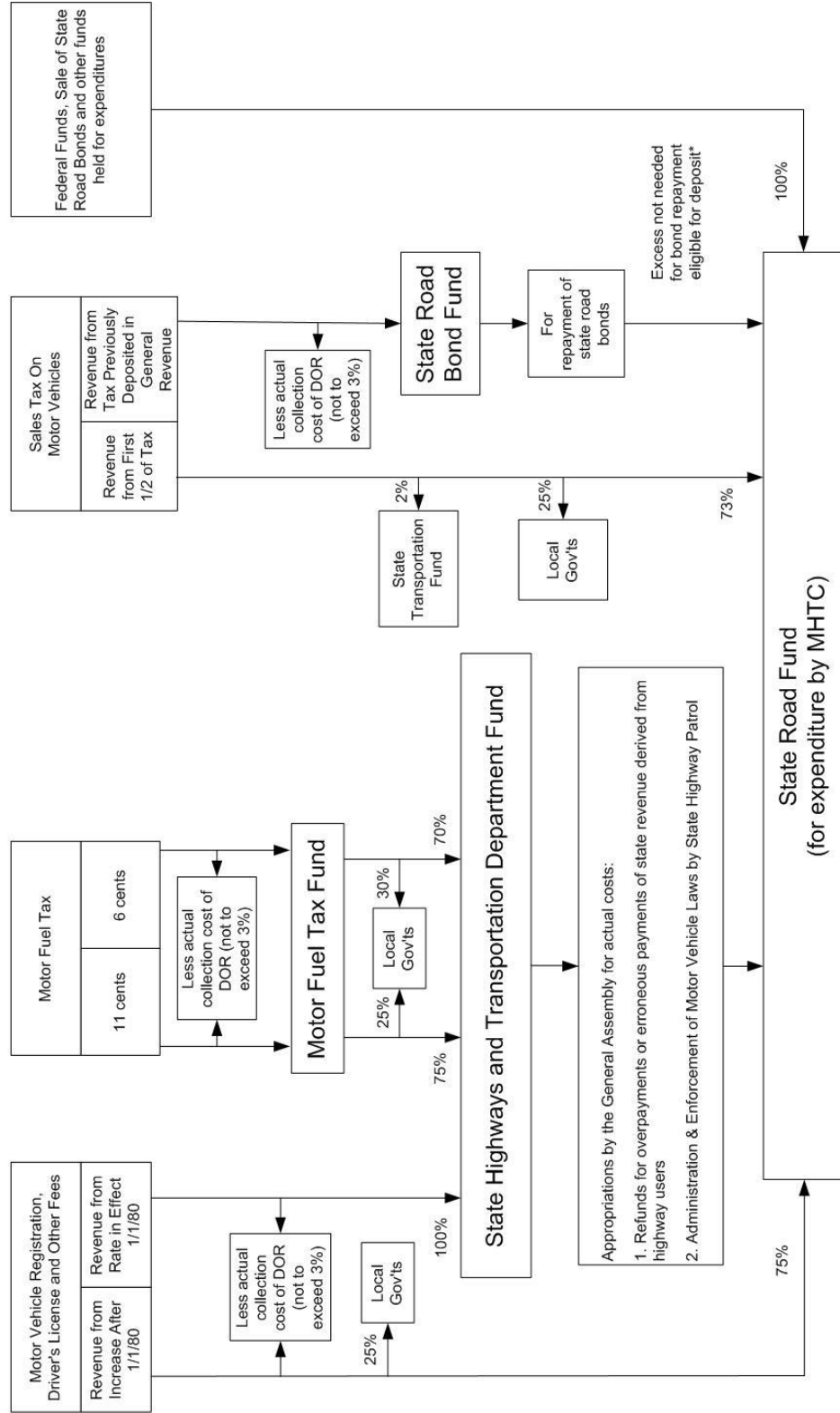
	\$15.50	\$38.50
State (75%)	\$75,015,986	\$186,330,029
City (15%)	15,003,197	37,266,006
County (10%)	10,002,132	24,844,004
Total	\$100,021,315	\$248,440,039

Source: Prepared by MoDOT based on Missouri Department of Revenue passenger car, truck and bus registrations and driver license renewal information.

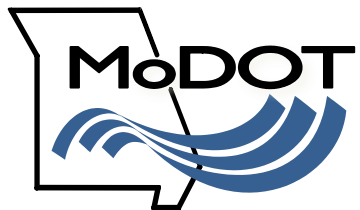
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION (MHTC)

Road and Bridge Funding - Summary

(Effective 7/15/2013)



*Requires certification by the Commissioner of Administration and the Missouri Highways and Transportation Commission.
Source: MoDOT



Missouri Department of Transportation
Financial Services Division
573.526.8106
www.modot.org
1-888-ASK-MODOT