

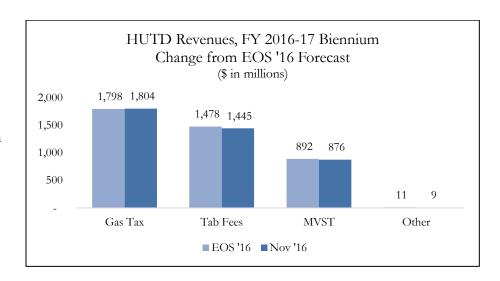
# Transportation Funds Forecast November 2016

Released December 5, 2016

# Forecast Highlights

### FY 2016-17 HUTD revenues down \$45 million (1.1 percent) from 2016 EOS Forecast

Gas taxes are up \$6 million (0.3 percent), registration taxes are down \$32 million (2.2 percent) and motor vehicle sales taxes are down \$16 million (1.8 percent) in the FY 2016-17 biennium compared to the EOS 2016 forecast.



HUTD Allocations by Fund Biennial Totals and Change from EOS '16 Forecast (\$ in millions)

Revenue Source	FY 16-17*	Change	FY 18-19	Change
Trunk Highway	2,403	(26)	2,545	(21)
CSAH	1,328	(14)	1,406	(12)
MSAS	349	(4)	369	(3)
Other (DNR, DPS, Revenue)	52	(3)	69	(3)
Total	4,131	(47)	4,389	(39)

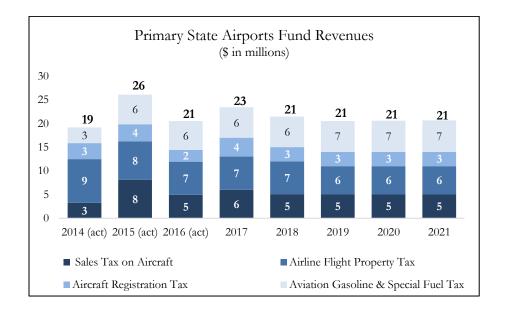
<sup>\*</sup>Note: FY 2016 allocations include prior year adjustments

### **HUTD** Allocations by Fund

HUTD revenues are transferred to the Trunk Highway, County State Aid Highway (CSAH) and Municipal State Aid Street (MSAS) funds based on formulas established in the Minnesota Constitution and statute. Total HUTD revenues decreased slightly in both biennia.

#### **State Airports Fund Revenues**

The chart details the current forecast for the four primary revenues that are collected in the State Airports Fund. Revenues in total remain fairly static but the mix of revenues changed slightly in this forecast.



















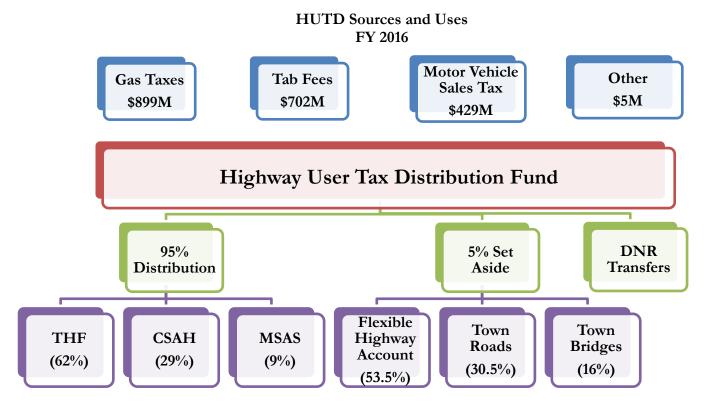
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# **Introduction to Transportation Funding**

MnDOT is a multimodal agency encompassing not only highway construction and maintenance but aeronautics, rail and transit activities. In consultation with the Department of Minnesota Management and Budget (MMB), we prepare fund statements for six transportation funds. These fund statements are prepared in November and February of each fiscal year. Additional updates are prepared at the end of each legislative session (EOS) to incorporate law changes impacting the transportation funds. Where comparisons are made in this document to the prior forecast, changes reflect the difference from the EOS fund statements, which include the February 2016 forecast assumptions plus any impacts from the 2016 legislative session. MnDOT prepares fund statements for the following funds:

- Highway User Tax Distribution Fund (HUTD)
- Trunk Highway Fund (TH)
- County State Aid Highway Fund (CSAH)
- Municipal State Aid Street Fund (MSAS)
- Transit Assistance Fund (TAF)
- State Airports Fund (SAF)



- -Article XIV of the Minnesota Constitution
- -DNR transfers for unrefunded gas taxes per Minnesota Statute 296A.18

Note: Numbers in the text and tables may not add to the totals due to rounding. Unless otherwise noted, years used to describe the budget outlook are state fiscal years, from July 1 to June 30.

# Legal Authority for Collection of Revenue

Article XIV of the Minnesota Constitution establishes three primary sources of revenue for transportation programs that are deposited into the Highway User Tax Distribution Fund (HUTD):

Motor Fuel Excise Tax (Gas Tax): The Legislature may levy an excise tax on any means or substance used for propelling vehicles on the public highways of this state. This tax is levied on gasoline, diesel fuel, compressed natural gas and a variety of other special fuels.

Motor Vehicle Registration Tax (Tab Fees): A tax may be put in place, by law, on motor vehicles using public streets and highways. The current passenger motor vehicle registration tax policy was instituted in 2008, wherein vehicles are taxed based on \$10 plus 1.25 percent of the vehicle's value, depreciated over time through the 10th year of registration, after which the additional tax is \$25 (\$35 total). These rates are set according to Minnesota Statute 168.013, subdivision 1a. The tax for commercial vehicles is based on vehicle weight and age.

**Motor Vehicle Sales Tax (MVST):** This is a 6.5 percent tax on the sale of new and used motor vehicles. Revenue from a tax on the sale of a new or used motor vehicle must be allocated for the following transportation purposes:

- Not more than 60 percent must be deposited in the HUTD Fund
- Not less than 40 percent must be deposited in a fund dedicated solely to public transit

Current statute: 60 percent of this revenue is deposited in the HUTD Fund and 40 percent is deposited in the TAF.

**Other Revenue:** The motor vehicle lease sales tax (MVLST) is a 6.5 percent tax on most leased motor vehicles. The first \$32 million of MVLST revenue is allocated to the General Fund, and all revenue greater than \$32 million is shared equally by the CSAH and the TAF. The TAF portion is dedicated for greater Minnesota transit funding.

**State Airports Fund:** The SAF receives revenue from four different revenue sources that are not shared with any of the other five transportation funds. These revenues are: sales tax on aircraft, airline flight property tax, aircraft registration tax and aviation gasoline and special fuels tax. This fund was statutorily created to carry out aviation functions in Minnesota Statute (MS) 360.017.

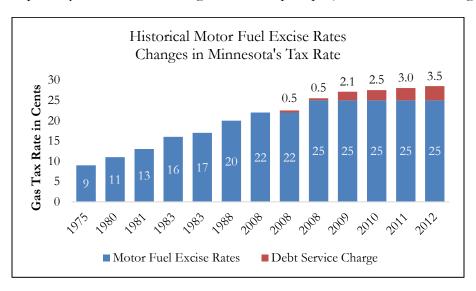
All of the funds, except the TAF, receive investment income earned on the cash balances in the funds.

Legal Citation – Quick Reference Guide			
Motor Fuel Tax	<ul> <li>Article XIV of the Minnesota Constitution</li> <li>MS 296A - Tax on petroleum and other fuels</li> <li>MS 296A.083 - Debt service surcharge</li> </ul>		
Vehicle Registration Tax	<ul> <li>Article XIV of the Minnesota Constitution</li> <li>MS 168.013 - Taxes on passenger vehicles</li> </ul>		
Motor Vehicle Sales Tax	<ul> <li>Article XIV of the Minnesota Constitution</li> <li>MS 297B.09 - Allocation of revenue</li> </ul>		
Motor Vehicle Lease Sales Tax	• MS 297A.815 - Allocation of revenue		
Transit Assistance Fund	<ul> <li>MS 297B.09 - Allocation of motor vehicle sales tax revenue</li> <li>MS 297A.815 - Allocation motor vehicle lease sales tax revenue</li> </ul>		
State Airport Fund	• MS 360.017		

### Revenue Forecast

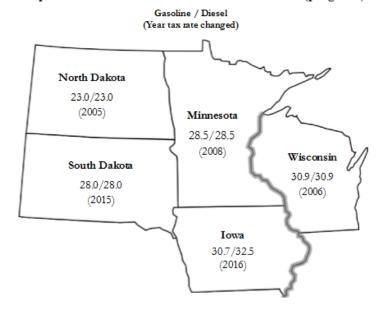
### Motor Fuel Excise Tax (Gas Tax)

The current gas tax rate in Minnesota is 28.5 cents per gallon: 25 cents plus a 3.5 cent debt service surcharge. This surcharge is intended to partially cover the debt obligations for capital projects on the Trunk Highway system<sup>1</sup>.



The map below provides information about how Minnesota's gas tax rates compare with those in the surrounding states and with federal tax rates:

#### Comparison of November 2016 Motor Fuel Tax Rates (per gallon)

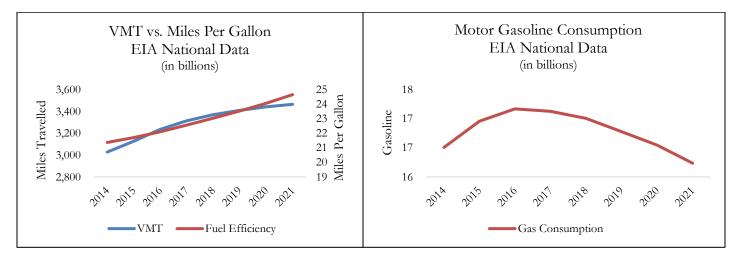


Note: Federal gas tax rate is 18.4 cents per gallon

<sup>&</sup>lt;sup>1</sup> Authorized in the Laws of 2008, Chapter 152. The final debt service surcharge increase of a half cent was implemented on July 1, 2012.

The outlook for fuel consumption is affected by vehicle miles traveled (VMT) and the fuel efficiency of vehicles, which are impacted by:

- the economy and world oil prices
- long-term policy (e.g. corporate average fuel economy (CAFE) standards)
- consumer trends toward more fuel efficient vehicles
- utilization of other transportation options



To forecast the gas tax, MnDOT reviews regional forecast information from the U.S. Energy Information Administration (EIA), the federal agency that collects and analyzes energy information. MnDOT also consults the U.S. gasoline consumption macroeconomic national forecast produced by IHS Markit (IHS). IHS provides economic information and analysis and is the same macroeconomic consultant that MMB uses to assist with forecasting the General Fund. Finally, this information is compared with actual fuel consumption history in Minnesota.

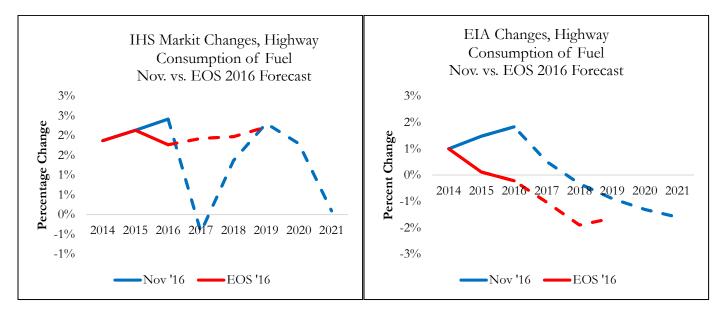
### **IHS Forecast**

The most current IHS forecast projects a sharp decline in consumption in the near term of the forecast period, but an increase in 2019 and a decline in the out years.

#### **EIA Forecast**

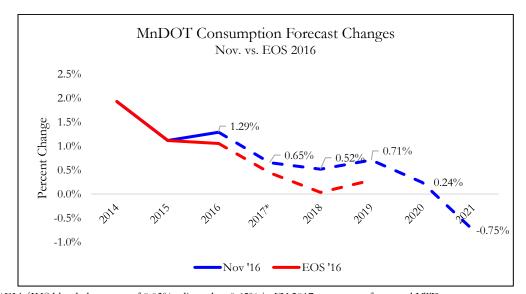
The most current forecast from EIA is very similar to the version available for the EOS 2016 forecast, projecting declining consumption in the forecast years, although at a slower decline.

The specific forecasts are shown in the tables below:



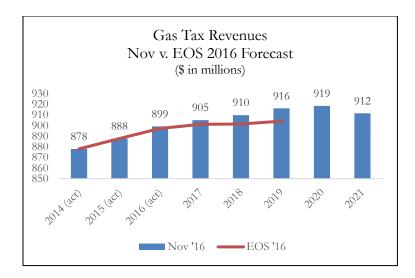
### MnDOT Blended Average

MnDOT uses a blended average of the consumption forecasts by EIA and IHS for the forecast period. Although the two forecasts are somewhat divergent during the forecast years, the long-term projections from both agencies are for reduced fuel consumption as vehicle fuel efficiencies increase at a faster pace than vehicle miles traveled. When combined, the year-over-year consumption projections from EIA and IHS have increased slightly. These amounts are then multiplied by the motor fuel tax rate, resulting in the estimated revenue.



\*EIA/IHS blended average of 0.03% adjusted to 0.65% in FY 2017 to account for actual YTD revenues

For the current year, the EIA and IHS forecasts are compared with actual year-to-date revenues. Through October, actual revenues were greater than both the EOS 2016 forecast and prior year actuals. Because year-to-date actual revenues are up, FY 2017 revenues increased from the EOS 2016 forecast, which also results in increases in all future years due to a higher base.



Gas Tax Revenues (\$ in millions)					
FY	Nov '16	EOS '16	\$ Change	% Change	
2014 (act)	878	878	-	0.0%	
2015 (act)	888	888	-	0.0%	
2016 (act)	899	897	2.1	0.2%	
2017	905	901	3.9	0.4%	
2018	910	902	8.3	0.9%	
2019	916	904	12.1	1.3%	
2020	919	-	-	-	
2021	912	-	-	-	

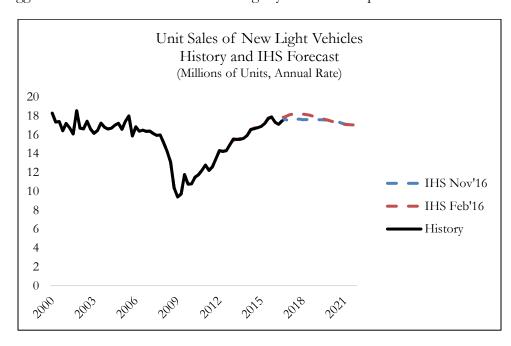
### Motor Vehicle Registration Tax (Tab Fees)

Revenue collected on passenger vehicles comprises about 80 percent of the total revenue from tab fees, based on the value and age of the vehicle. The remaining revenue is provided primarily by taxes on commercial vehicles, such as trucks and buses.

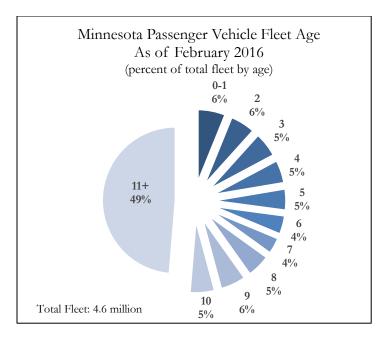
The forecast for the sale of new passenger vehicles is based on long term trends such as:

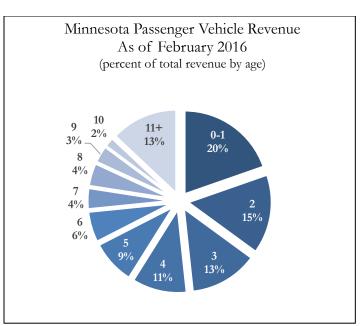
- households saving income and limiting big purchases
- increased length of vehicle ownership
- shrinking percentage of licensed drivers of legal driving age
- utilization of other transportation options

MnDOT has a model to forecast revenue from passenger vehicles that is largely based on the forecast of the purchase of new passenger vehicles. Forecasts of the sales of new vehicles are provided by IHS and reflect national levels. The chart suggests that new vehicle sales will be slightly less than the prior forecast.

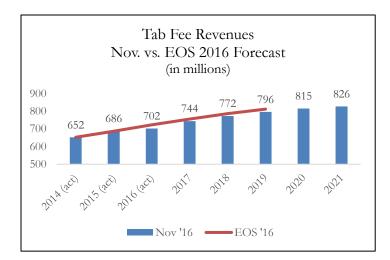


In addition to IHS data, the forecast reflects detailed information on the state's existing fleet of vehicles by base value and age. The data is supplied by the Department of Public Safety (DPS) annually in February. This is only updated once a year for the February forecast, so the base data for the model is unchanged for the November forecast. Based on the decreases in projected new vehicle sales, revenues are projected to decrease in future years as compared to the EOS 2016 forecast. MnDOT assumes that an additional \$125 million per year of tab fee revenue is received from taxes on various other types of vehicles, primarily on heavy trucks.





The current forecast of revenues is shown below:

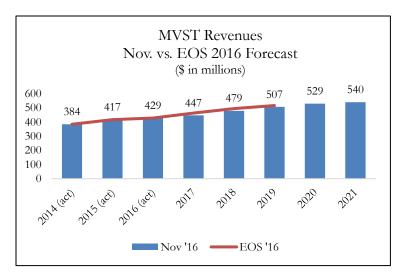


Tab Fee Revenues					
(\$ in millions)					
FY	Nov '16	EOS '16	\$ Change	% Change	
2014 (act)	652	652	-	0.0%	
2015 (act)	686	686	-	0.0%	
2016 (act)	702	722	(20.7)	(2.9%)	
2017	744	755	(11.5)	(1.5%)	
2018	772	786	(14.3)	(1.8%)	
2019	796	811	(15.3)	(1.9%)	
2020	815	-	-	-	
2021	826	-	_	_	

### Motor Vehicle Sales Tax (MVST)

The sale of motor vehicles is exempt from the general sales tax. Instead, most vehicles are subject to a 6.5 percent motor vehicle sales tax. This includes sales by car dealers and private individuals.

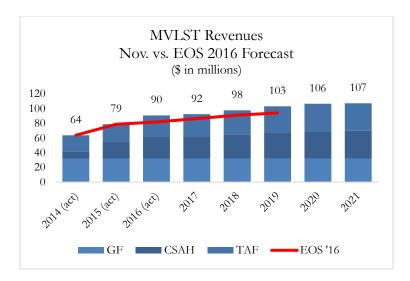
MMB prepares the official forecast of this revenue, which is based on input and data provided by IHS. This forecast is largely dependent on estimates of sales of passenger vehicles, so the trend is similar to that described previously for tab fee revenue. The forecast for new vehicles has decreased; as a result MVST revenue is projected to decrease in future years compared to the previous forecast. The current forecast of revenues is shown below:



MVST Revenues (\$ in millions)				
FY	Nov '16	EOS '16	\$ Change	% Change
2014 (act)	384	384	-	0.0%
2015 (act)	417	417	-	0.0%
2016 (act)	429	428	0.4	0.1%
2017	447	463	(16.4)	(3.5%)
2018	479	494	(14.8)	(3.0%)
2019	507	516	(9.3)	(1.8%)
2020	529	-	-	-
2021	540	-	_	-

### Motor Vehicle Lease Sales Tax (MVLST)

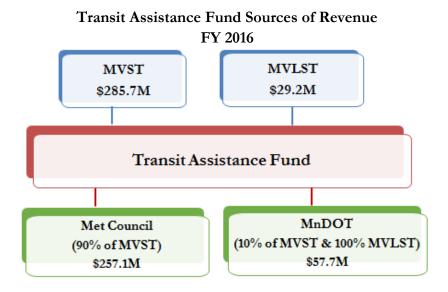
The MVLST forecast is supplied by the Department of Revenue (DOR). The sales tax is collected by the lessor and reported and paid directly to DOR. The forecast in all years increased as compared to the EOS 2016 forecast. The current forecast of revenues is shown below:



Motor Vehicle Lease Sales Tax Revenues (\$ in millions)				
T'X /	NT 146	E00.44	\$	%
FY	Nov '16	EOS '16	Change	Change
2014 (act)*	64	64	-	0.0%
2015 (act)	79	79	-	0.0%
2016 (act)	90	82	8.8	10.8%
2017	92	86	6.0	6.9%
2018	98	91	6.6	7.3%
2019	103	94	9.0	9.6%
2020	106	-	-	-
2021 *Capped at \$9 mill	107 ion in FY2014 for	- CSAH	-	-

### Transit Assistance Fund Revenue

The TAF receives revenue from MVST and MVLST. The MVST appropriation must be at least 40 percent of the total revenue according to the Constitution, and is currently set at 40 percent by statute (Minnesota Statute 297B.09). Of this revenue, 90 percent is allocated to metropolitan transit (36 percent of total MVST) and 10 percent is allocated to Greater Minnesota Transit (4 percent of total MVST). The fund receives fifty percent of the total MVLST revenues above the first \$32 million that is appropriated to the General Fund.



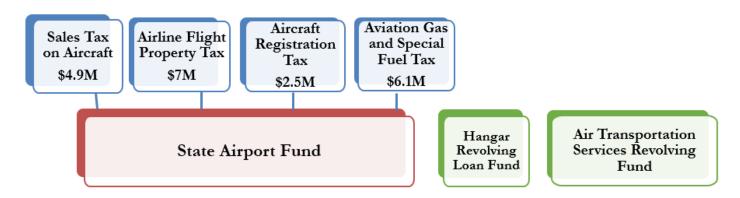
### **State Airports Revenue**

Three funds make up the total consolidated SAF:

- State Airports Fund
- Hangar Revolving Loan Fund
- Air Transportation Services Revolving Fund

The two revolving funds are not included in the consolidated fund statement ending balance, because their receipts are dedicated to their specific functions.

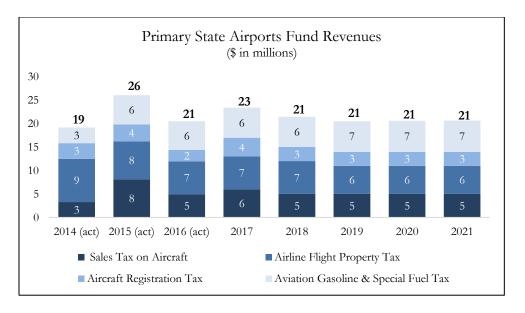
# State Airport Fund Sources of Revenue FY 2016



The 2013 Legislature made significant changes to the revenues dedicated to the State Airports Fund. The <u>Aviation Tax Report</u> (https://www.dot.state.mn.us/govrel/reports/2016/2016-aviation-tax-report.pdf), required by Minnesota Statute 360.675 and first completed in 2016, summarizes these Legislative changes as well as historical tax revenues and expenditures. This is a recurring report that is prepared every four years.

The forecast for the SAF is focused on aviation gasoline and special fuel taxes, sales taxes on aircraft, aircraft registration taxes and investment income. The forecast for sales tax on aircraft and registration taxes are both based primarily on prior history, but have varied significantly by year. The aviation fuel tax forecast uses a blended average of the national jet fuel consumption forecast from the Federal Aviation Administration (FAA) and the regional jet fuel consumption forecast from the EIA. The airline flight property tax amount is a calculation specified in Minnesota Statute 270.075. This statute requires MnDOT to determine the amount as the difference between the "total fund appropriation and the estimated total fund revenues from other sources for the state fiscal year in which the tax is payable."

The current forecast of revenues is shown below:

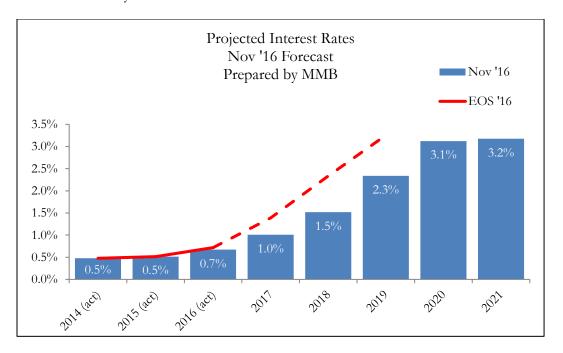


### **Investment Income**

All of the transportation funds discussed in this document, with the exception of the TAF, earn investment income on cash balances. The amount of revenue is based on the amount of cash anticipated to be in the funds and the forecast interest rates for the invested cash.

Interest rates are currently very low; they have averaged about 0.5 percent over the past few years. The November 2016 forecast, provided by MMB, assumes that interest rates will increase in the latter years of the forecast period, especially in FY 2020 and FY 2021 where rates are projected to exceed 3 percent.

While rates are still expected to increase over the forecast period, they are lower than EOS 2016 in all years. Cash balances in all funds are expected to be similar to the EOS 2016 forecast, so the lower interest rates result in reduced interest income in all funds in all years.



### **Fund Statements**

### Transfers from HUTD Fund

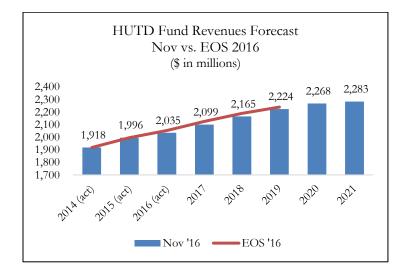
The HUTD Fund receives revenues from the three sources dedicated to highways and transit (gas tax, tab fees and MVST), as well as several minor sources of revenue. With the exception of the 40 percent of MVST dedicated to public transit, revenues from these three taxes are deposited into the HUTD Fund. These revenues are transferred to the TH, CSAH and MSAS Funds, with small distributions specified in statute to the Department of Natural Resources (DNR).

Of the total revenue to the HUTD Fund, after distributions to the DNR, 95 percent is allocated by the following formula specified in the Minnesota Constitution:

- TH Fund 62 percent
- CSAH Fund 29 percent
- MSAS Fund 9 percent

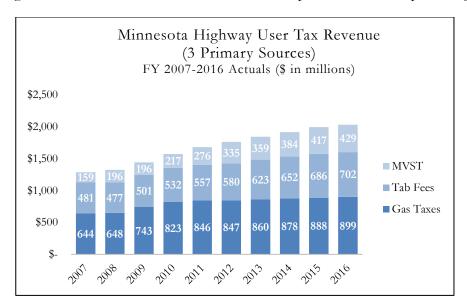
The remaining 5 percent, referred to as the 5 percent set-aside, is allocated to the CSAH Fund. This funding is further allocated to Township Roads, Township Bridges and the Flexible Highway Account.

The current forecast is shown below:



HUTD Fund Revenues (\$ in millions)				
FY	Nov '16	EOS '16	\$ Change	% Change
2014 (act)	1,918	1,918	-	0.0%
2015 (act)	1,996	1,996	-	0.0%
2016 (act)	2,035	2,053	(18.4)	(0.9%)
2017	2,099	2,126	(26.1)	(1.2%)
2018	2,165	2,189	(23.5)	(1.1%)
2019	2,224	2,239	(15.5)	(0.7%)
2020	2,268	-	-	-
2021	2,283	-	-	-

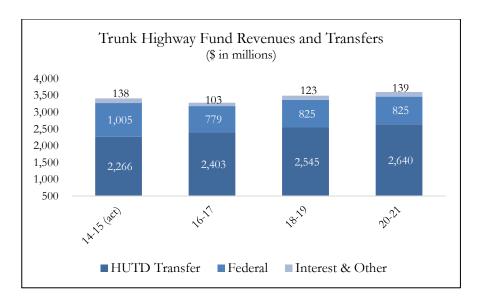
The bar chart below details a 10-year history of actual revenues for the HUTD Fund (2007-16), and the relative shares of revenue attributed to gas taxes, tab fees and MVST over that period. During the last ten years, gas taxes have decreased as a percentage of total revenue, while tab fees and MVST provide increased percentages of total revenue.



### Trunk Highway Fund

The TH Fund receives transfers from the HUTD Fund and revenue from investment income. One other substantial source of revenue is federal aid agreements with the Federal Highway Administration (FHWA), where reimbursements for the federal share of highway construction projects are received. In addition, the fund receives revenues and transfers from several other smaller sources. Across FY 2016-21, 71 percent of resources are transfers from the HUTD Fund, 23 percent of resources are federal aid agreements and 4 percent of resources are other sources such as investment income.

The current forecast is shown below:



### Debt Service – Trunk Highway Fund

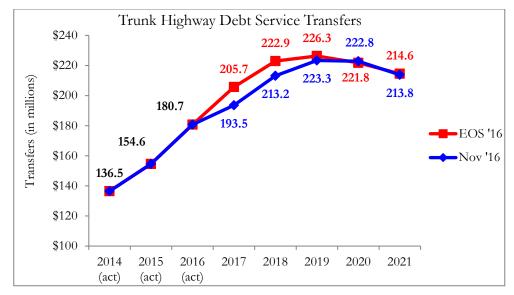
The forecast for expenditures is generally based on the previously enacted biennial budget, so there are typically no significant changes in forecasted spending. However, the TH Fund has unique constitutional authority to sell authorized Trunk Highway bonds<sup>2</sup>. The debt service on these bonds (payment of principal and interest) is specified as the first obligation of the fund. The biennial budget includes appropriation amounts for debt service, but the law also states that any increase in the amount of estimated debt service is to be transferred, because there is a statutory open appropriation for trunk highway debt service.

Since the EOS 2016 forecast, the debt service estimates for future years have decreased. This is largely due to increased premiums as a result of MMB projecting lower interest rates for upcoming bond sales. Cash flow estimates, used in forecasting future bond sales and debt service amounts, are revised for scheduled bond sales.

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<sup>&</sup>lt;sup>2</sup> See Article XIV, section 11 of the Minnesota Constitution

The graph below depicts the debt service transfer amounts by year, compared to the EOS 2016 forecast:



MnDOT's TH Fund is governed by four financial policies: Debt Management, Fund Balance, Cash Balance and Advance Construction (a link to all of the policies is included in the appendices index). The Debt Management Policy states that debt service should not exceed 20 percent of annual state revenues to the TH Fund<sup>3</sup>. This includes transfers to the state bond fund for debt service on Trunk Highway bonds, repayments of local government advances (LGA) in accordance with Minnesota Statute 161.361 and transportation revolving loan fund (TRLF) repayments in accordance with Minnesota Statute 161.04, subdivision 4.

Our debt management policy estimates include FY 2022-23 to be consistent with the approach MMB uses when publishing the Debt Capacity Forecast. The table below demonstrates that estimated debt service expenditures from the TH Fund range between 15 percent and 17 percent through the end of FY 2023, decreasing each year after peaking at 17.2 percent in FY 2019.

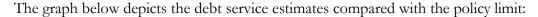
Debt Management Policy (\$ in millions)

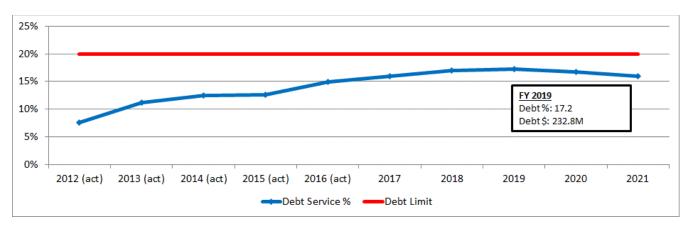
Year	Total Debt Service (1)	Estimated Current %	Variance from 20% Policy Limit (2)
2014 (act)	144.2	12.5%	87.4
2015 (act)	157.0	12.6%	92.2
2016 (act)	183.2	14.9%	62.9
2017	203.0	15.9%	52.1
2018	222.7	17.0%	40.0
2019	232.8	17.2%	37.9
2020	232.3	16.8%	44.7
2021	223.3	16.0%	55.5
2022	213.8	15.3%	65.0
2023	209.2	15.0%	69.6

<sup>(1)</sup> Includes bond debt transfers, transportation revolving loans and local government advances

<sup>(2)</sup> Represents amount of additional debt service to reach 20 percent limit

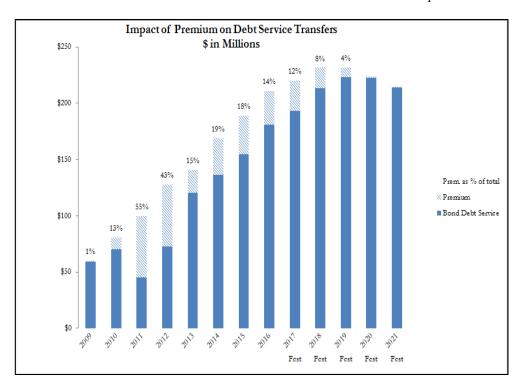
<sup>&</sup>lt;sup>3</sup> Developed to comply with Minnesota Statute 167.60





As MnDOT manages to this policy, there are variables to the debt management calculation outside of the agency's control. One of the largest variables is interest rate fluctuation, which can lead to large debt service expenditure fluctuations. Due to low interest rates, the fund balance has benefited the past several years. When bond interest rates drop below 5 percent, Trunk Highway General Obligation bonds command a premium which is accounted for in the year of sale. Therefore, debt service is lower the year the bonds are sold, but this decrease is then offset over the 20 year life of the bonds. In recent years MnDOT's debt has increased, primarily as a result of a large \$1.8 billion bonding program from 2008; MnDOT anticipates sales from this program ending in FY 2020.

The bar chart below illustrates the reduction to debt service as the result of bond sale premiums:



### **Fund Balance Impacts**

The table below summarizes the impacts on the TH Fund balance for the revenue and expenditure forecasts previously discussed.

	FY16-17	FY18-19
Transfers from HUTD	(25.8)	(21.3)
Federal Aid Agreements	6.4	-
Interest	(2.7)	(11.3)
Other Revenues and Transfers	(6.6)	(2.0)
Prior Year Adjustments	30.9	-
Total Revenue and Transfer Impact	2.1	(34.7)
Transportation Expenditures	(13.6)	(1.7)
Other Agencies	0.2	-
Transfers Out	-	-
Debt Service Transfer	(12.1)	(12.7)
Total Expenditure and Transfer Impact	(25.5)	(14.4)
Fund Balance Change	27.7	(20.3)
Total Cumulative Change	27.7	7.4
EOS '16 Forecast	124.4	285.1
Nov '16 Forecast	152.1	292.5
Change	27.7	7.4
Reserved Fund Balance (Nov '16)	83.5	82.0
Unreserved Fund Balance (Nov '16)	68.6	210.5

### County State Aid Highway (CSAH) Fund

The CSAH Fund receives transfers from the HUTD Fund and revenues from investment income and MVLST. Minnesota Statutes, Chapter 162 provides the criteria by which funds are allocated to statutory accounts within the CSAH fund and Minnesota's 87 counties. Beginning in 2016, estimated revenues for counties will be split between "apportionment sum" and "excess sum" based on fixed percentages. 68 percent is allocated to apportionment sum and 32 percent is allocated to excess sum. These two amounts are then allotted to counties using different formulas specified in statute. These allotments are calculated each year based primarily on revenue estimates for the CSAH Fund.

The portion of revenue received from MVLST is allocated to 5 of the 7 metropolitan counties, excluding Hennepin and Ramsey counties. These funds are added to the regular allocation for these counties.

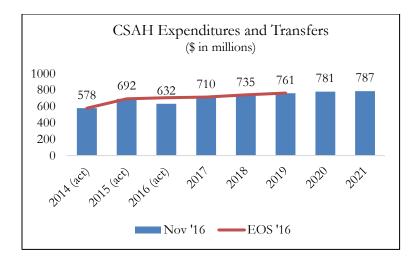
These allocations also include the 5 percent set-aside portion of the total revenues from the HUTD Fund. The Constitution allows the legislature to allocate this 5 percent in a manner different from the constitutional formula (62 percent to the TH Fund, 29 percent to the CSAH Fund and 9 percent to the MSAS Fund). The current allocation is 100 percent to the CSAH Fund (Minnesota Statute 161.081). This funding is further allocated to Township Roads (30.5 percent), Township Bridges (16.0 percent) and the Flexible Highway Account (53.5 percent). The portion allocated to the Flexible Highway Account is also available for transfer to the TH and MSAS Funds, if so designated in the appropriation law. Any transfers authorized by the current appropriation law are included in the totals shown below.

The CSAH Fund is directly appropriated based on the most current revenue forecast at the time the biennial budget is prepared. The <u>Commissioner's Order</u> (www.dot.state.mn.us/safinance/commorder/commorder2016.pdf) is on a calendar year basis and allocates the funds based on revenue estimates in the preceding November forecast each year. The result is an increase or decrease to the direct appropriation amount each year after the Commissioner's Order is executed in January. The revenue estimates from this forecast will be used as the basis for calculating distribution amounts for calendar year 2017.

### **CSAH** Expenditure Forecast

Once allocations are made to the counties the funds are considered committed. Actual spending is at the discretion of the counties, with guidance from MnDOT's State Aid Division.

The current forecast is shown below:



C	CSAH Expenditures and Transfers (\$ in millions)					
FY	Nov '16	EOS '16	\$ Change	% Change		
2014 (act)	578	578	-	0.0%		
2015 (act)	692	692	-	0.0%		
2016 (act)	632	705	(73.9)	(10.5%)		
2017	710	713	(3.2)	(0.4%)		
2018	735	741	(6.2)	(0.8%)		
2019	761	763	(2.3)	(0.3%)		
2020	781	-	-	-		
2021	787	-	-	-		

### Municipal State Aid Street (MSAS) Fund

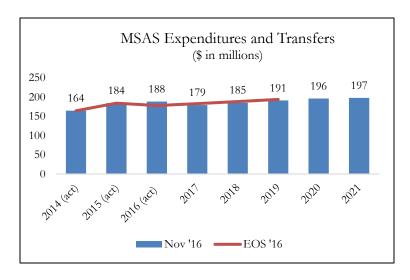
The MSAS Fund receives transfers from the HUTD Fund, authorized transfers from the CSAH Fund and revenues from investment income. Minnesota Statutes Chapter 162 provides the criteria by which funds are allocated to statutory accounts within the MSAS fund and to each of the Minnesota State Aid cities defined as having a population of 5,000 or greater. The allocations are calculated based primarily on revenue estimates for the MSAS Fund, not including transfers from the CSAH Fund.

The MSAS Fund is also directly appropriated based on the most current revenue forecast at the time the biennial budget is prepared. The <u>Commissioner's Order</u> (www.dot.state.mn.us/safinance/commorder/commorder2016.pdf) is on a calendar year basis and allocates the funds based on revenue estimates in the preceding November forecast each year. The result is an increase or decrease to the direct appropriation amount each year after the Commissioner's Order is executed in January. The revenue estimates from this forecast will be used as the basis for calculating distribution amounts for calendar year 2017.

### **MSAS** Expenditure Forecast

Once allocations are made to the municipalities, the funds are considered committed. Actual spending is at the discretion of the municipalities, with guidance from MnDOT's State Aid Division.

The current forecast is shown below:

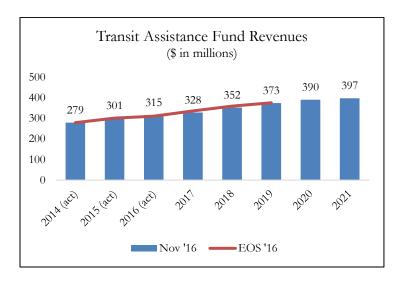


N	MSAS Expenditures and Transfers (\$ in millions)					
FY	Nov '16	EOS '16	\$ Change	% Change		
2014 (act)	164	164	-	0.0%		
2015 (act)	184	184	-	0.0%		
2016 (act)	188	178	10.3	5.8%		
2017	179	183	(3.6)	(2.0%)		
2018	185	188	(3.0)	(1.6%)		
2019	191	194	(2.5)	(1.3%)		
2020	196	-	-	-		
2021	197	-	-	-		

### Transit Assistance Fund (TAF)

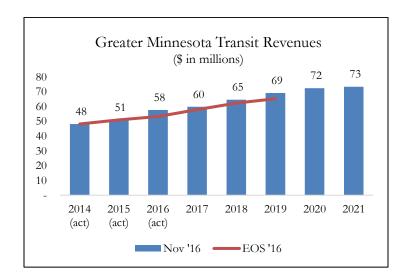
This fund receives 40 percent of MVST revenues and half of the MVLST revenues (net of \$32 million that remains in the General Fund).

The total estimated revenue for the TAF is shown below:



Transit Assistance Fund Revenues (\$ in millions)												
FY	FY Nov '16 EOS '16 Change Chan											
2014 (act)	279	279	-	0.0%								
2015 (act)	301	301	-	0.0%								
2016 (act)	315	310	4.5	1.4%								
2017	328	336	(7.9)	(2.4%)								
2018	352	359	(6.5)	(1.8%)								
2019	373	375	(1.7)	(0.5%)								
2020	390	-	-	-								
2021	397	_	_	_								

Of this total revenue, the estimated revenue for the greater Minnesota portion of the TAF is shown below:



Greater Minnesota Transit Revenues													
(\$ in millions)													
			\$	%									
FY	Nov '16	EOS '16	Change	Change									
2014 (act)	48	48	-	0.0%									
2015 (act)	51	51	-	0.0%									
2016 (act)	58	53	4.4	8.3%									
2017	60	58	1.9	3.3%									
2018	65	62	2.3	3.7%									
2019	69	65	3.9	5.9%									
2020	72	-	-	-									
2021	73	-	-	-									

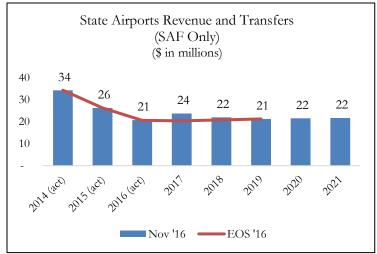
### Transit Assistance Fund Expenditure Forecast

MVST revenues are statutorily appropriated. The share allocated to metropolitan transit is appropriated to the Metropolitan Council, and the share allocated to Greater Minnesota transit is appropriated to MnDOT. For the Metropolitan Council allocation, this means that forecast revenues are the same as forecast expenditures in the fund statement. For the MnDOT allocation, a spending plan has been developed by the Transit Office to gradually spend down the available resources over the next ten years. For MVLST, because revenue is not transferred until the following fiscal year, the amount estimated for the current year is shown as an appropriation carry forward into the next year.

### State Airports Fund (SAF)

The SAF receives revenues from aviation gasoline and special fuel taxes, aircraft registration taxes, sales taxes on aircraft and other small sources such as investment income. These revenues must be sufficient to support the direct appropriations from the Legislature, which are used to carry out aviation functions such as airport development and assistance grants, aeronautic planning, administration and operations.

The total estimated revenues and transfers for the SAF are shown below (note these amounts reflect only the State Airports Fund, and do not include the activity in the 2 revolving funds):



State Airports Fund Revenues and Transfers (\$ in millions)												
FY	FY Nov '16 EOS '16 Change Chang											
2014 (act)*	34	34	-	0.0%								
2015 (act)	26	26	-	0.0%								
2016 (act)	21	21	0.2	1.0%								
2017	24	20	3.4	16.4%								
2018	22	21	1.2	5.5%								
2019	21	21	0.0	0.2%								
2020	22	-	-	-								
2021	22	-	-	-								

### **Fund Balance Policy**

A State Airports Fund Balance policy exists to provide an appropriate level of reserve in the SAF to protect against major fluctuations in revenue.

<sup>\*2014</sup> includes \$15 million General Fund repayment

**Appendices** 

Appendix 1: Highway User Tax Distribution Fund Statement

Appendix 2: Trunk Highway Fund Statement

Appendix 3: County State Aid Highway Fund Statement

Appendix 4: Municipal State Aid Street Fund Statement

Appendix 5: Transit Assistance Fund Statement

Appendix 6: State Airports Fund Statement

Appendix 7: Minnesota Highway User Tax Revenue – 10-Year History 2007-16

Appendix 8: Minnesota Highway User Tax Revenue – Percentage of Total Revenues

Appendix 9 HUTD Revenues Year-over-Year Growth Percentage Trend

Policy Links: <u>Policy Links</u>

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#### 2016 November-Transportation

### Highway User Tax Distribution Fund November 2016 Forecast Comparison to EOS 2016 Forecast

	November 2016 Forecast									Change fron	n EOS 2016	
(\$ in thousands)	Close	Close	Close	Budget	Budget	Budget	Planning Est	Planning Est	Close	Budget	Budget	Budget
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2016	FY 2017	FY 2018	FY 2019
Belong Franced from Brian Vers	40.004	***	*** ***	***	440.000	440.000	440.000	442.000		(0.50)		
Balance Forward from Prior Year	\$8,691	\$11,948	\$11,617	\$11,042	\$12,000	\$12,000	\$12,000	\$12,000	(0.00)	- (958)	-	-
Prior Year Adjustments	443	5,211	(2,341)	-	-	- 40.000	42.000	40.000	(2,34:		-	
Adjusted Balance Forward	9,134	17,159	9,276	11,042	12,000	12,000	12,000	12,000	(2,34:	1) (958)	-	-
Net Revenue and Transfers-In												
Motor Fuel Excise Tax	878,022	887,818	899,251	905,100	909,800	916,200	918,500	911,500	2,05:	3,900	8,300	12,100
Motor Vehicle Registration Tax	652,281	686,433	701,635	743,700	771,800	796,000	814,800	826,000	(20,669	(11,500)	(14,300)	(15,300)
Motor Vehicle Sales Tax	384,163	416,565	428,831	446,830	479,360	506,930	529,360	539,840	384	(16,396)	(14,790)	(9,315)
Other Income	3,088	4,797	5,035	3,817	4,149	4,806	5,434	5,476	(173	3) (2,113)	(2,708)	(2,967)
Total Net Revenue and Transfers-In	1,917,555	1,995,613	2,034,751	2,099,447	2,165,109	2,223,936	2,268,094	2,282,816	(18,40	(26,109)	(23,498)	(15,482)
Expenditures and Transfers-Out												
Appropriations to MnDOT, Revenue, DPS	11,014	11,741	2,962	3,418	11,444	11,444	11,444	11,444	(1,57	(1,140)	(1,350)	(1,350)
TransfersDNR	21,727	21,994	22,514	22,791	22,796	22,937	23,043	22,979	(22	3) (30)	(79)	25
Transfers5% Set-Aside	94,034	98,305	100,375	103,614	106,543	109,478	111,680	112,420	(899	(1,295)	(1,103)	(708)
TransfersCounty State-Aid Highway	518,126	541,659	553,069	570,913	587,054	603,222	615,359	619,432	(4,956	(7,135)	(6,080)	(3,900)
TransfersMunicipal State-Aid Highway	160,798	168,101	171,642	177,180	182,189	187,207	190,973	192,238	(1,538	3) (2,214)	(1,887)	(1,210)
TransfersTrunk Highway	1,107,717	1,158,029	1,182,423	1,220,573	1,255,082	1,289,648	1,315,595	1,324,303	(10,599	(15,254)	(12,999)	(8,339)
Other	1,326	1,326	-	-	-	-	-				-	-
Total Expenditures and Transfers-Out	1,914,741	2,001,155	2,032,986	2,098,489	2,165,109	2,223,936	2,268,094	2,282,816	(19,78	(27,068)	(23,498)	(15,482)
Ending Balance	\$11,948	\$11,617	\$11,042	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	(958	3) -	-	-

Beginning in FY 2016, the ending balance in all forecast years will equal \$12 million, to align with MnDOT practices to maintain positive cash and fund balances

#### 2016 November-Transportation

#### Trunk Highway Fund November 2016 Forecast Comparison to EOS 2016 Forecast

	November 2016 Forecast									Change from EOS 2016				
(\$ in thousands)	Close	Close	Close	Budget	Budget	Budget	Planning Est	Planning Est	Close	Budget	Budget	Budget		
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2016	FY 2017	FY 2018	FY 2019		
Balance Forward from Prior Year	\$316,756	\$415,353	\$275,790	\$381,830	\$152,101	\$216,392	\$292,512	\$400,472	-	259,251	27,679	18,515		
Prior Year Adjustments	34,774	30,961	30,857		-	-		-	30,857					
Adjusted Balance Forward	351,530	446,314	306,647	381,830	152,101	216,392	292,512	400,472	30,857	259,251	27,679	18,515		
Net Revenue and Transfers-In														
Transfer from HUTD	1,107,717	1,158,029	1,182,423	1,220,573	1,255,082	1,289,648	1,315,595	1,324,303	(10,595)	(15,254)	(12,999)	(8,339)		
Federal Aid Agreements	506,527	498,560	426,391	352,275	412,275	412,275	412,275	412,275	66,416	(60,000)		-		
Other Income and Transfers-In	50,358	88,104	48,008	54,969	58,443	64,106	69,459	69,839	(5,857)	(3,422)	(6,340)	(6,979)		
Total Net Revenue and Transfers-In	1,664,602	1,744,694	1,656,822	1,627,816	1,725,799	1,766,028	1,797,328	1,806,417	49,965	(78,676)	(19,339)	(15,318)		
Expenditures and Transfers-Out														
Transportation Department	1,374,357	1,659,158	1,307,532	1,553,672	1,343,253	1,361,514	1,361,514	1,362,265	(173,342)	159,769	(484)	(1,209)		
Public Safety and Other Depts.	86,933	98,268	93,382	110,334	105,066	105,066	105,066	105,066	(5,087)	5,273	5	5		
Transfers-Out and Other	3,000	3,198	-	-	-	-	-	-	-	-	-	-		
Debt Service	136,488	154,593	180,725	193,539	213,190	223,328	222,789	213,817		(12,146)	(9,696)	(2,982)		
Total Expenditures and Transfers-Out	1,600,778	1,915,217	1,581,640	1,857,545	1,661,509	1,689,908	1,689,369	1,681,148	(178,429)	152,896	(10,175)	(4,186)		
Balance Before Reserves	415,353	275,790	381,830	152,101	216,392	292,512	400,472	525,741	259,251	27,679	18,515	7,383		
Less Appropriation Carryforward	-	-	-	-	-	-	-	-	-	-	-	-		
Ending Balance	\$415,353	\$275,790	\$381,830	\$152,101	\$216,392	\$292,512	\$400,472	\$525,741	259,251	27,679	18,515	7,383		
Reserved Fund Balance per Policy	89,983	92,284	85,142	83,489	81,788	82,022	83,103	83,649	(987)	922	73	(493)		
Unreserved Fund Balance per Policy	325,369	183,506	296,687	68,612	134,604	210,491	317,369	442,093	260,238	26,756	18,441	7,876		
Debt Service Percentage Compared to State Revenue	12.5%	12.6%	14.9%	15.9%	17.0%	17.2%	16.8%	16.0%	-0.4%	-0.7%	-0.5%	0.0%		

Reserved Fund Balance reflects reserved amounts to mitigate risk from state revenue fluctuations, federal funding uncertainty, severe winters, etc. Unreserved Fund Balance reflects amounts available to be appropriated for specific purposes

### County State Aid Fund November 2016 Forecast Comparison to EOS 2016 Forecast

#### 2016 November-Transportation

				November 20	16 Forecast					Change fror	n EOS 2016	
(\$ in thousands)	Close	Close	Close	Budget	Budget	Budget	Planning Est	Planning Est	Close	Budget	Budget	Budget
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2016	FY 2017	FY 2018	FY 2019
Balance Forward from Prior Year	\$488,869	\$534,626	\$508,749	\$563,509	\$563,509	\$563,509	\$563,509	\$563,509		72,696	69,658	69,658
Prior Year Adjustments	569	256	139	-	-	-	-	-	139		-	
Adjusted Balance Forward	489,438	534,882	508,889	563,509	563,509	563,509	563,509	563,509	139	72,696	69,658	69,658
Net Revenue and Transfers-In												
Leased Vehicle Sales Tax	9,000	23,266	29,171	30,050	32,750	35,400	37,200	37,500	4,421	2,980	3,320	4,490
Other Income	2,483	2,636	3,583	5,717	8,491	12,932	17,097	17,349	120	(790)	(2,345)	(2,146)
Transfer from HUTD	612,159	639,964	653,444	674,527	693,598	712,700	727,039	731,852	(5,855	(8,430)	(7,184)	(4,608)
Transfer from MSAS	-	-	-	-	-	-	-		<u> </u>		-	<u>-</u>
Total Net Revenue and Transfers-In	623,643	665,866	686,199	710,294	734,839	761,032	781,336	786,701	(1,314	(6,240)	(6,209)	(2,264)
Expenditures and Transfers-Out												
Grants to Local Governments	549,524	651,767	621,664	694,382	719,240	744,860	764,685	769,867	(68,729	(4,113)	(6,082)	(2,207)
MnDOT Administrative and Research	10,230	9,231	9,880	15,882	15,569	16,142	16,621	16,804	(5,177	) 882	(157)	(87)
Transfers to MSAS Fund	13,000	10,000	-	-	-	-	-	-			-	-
Transfers to Special Revenue	-	-	35	30	30	30	30	30	35	30	30	30
Transfers to Trunk Highway Fund	5,700	21,000	-	-	-	-	-	-		-	-	-
Total Expenditures and Transfers-Out	578,455	691,999	631,579	710,294	734,839	761,032	781,336	786,701	(73,871	) (3,201)	(6,209)	(2,264)
Balance Before Reserves	534,626	508.749	563,509	563,509	563.509	563.509	563,509	563,509	72,696	69,658	69.658	69.658
Less Appropriation Carryforward	534,626	508,749	563,509		563,509	563,509	563,509	•	72,696	-	69,658	•
Ending Balance	\$0	\$08,749	\$0	563,509 \$0	\$0	\$0	•	563,509 <b>\$0</b>	/2,696	69,658	09,658	69,658
Lituing balance	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU	ŞU		•	-	-

### Municipal State Aid Fund November 2016 Forecast Comparison to EOS 2016 Forecast

	November 2016 Forecast								Change from EOS 2016					
(\$ in thousands)	Close	Close	Close	Budget	Budget	Budget	Planning Est	Planning Est	Close	Budget	Budget	Budget		
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2016	FY 2017	FY 2018	FY 2019		
Balance Forward From Prior Year	\$161,492	\$172,486	\$167,954	\$152,926	\$152,926	\$152,926	\$152,926	\$152,926		(11,822)	(10,908)	(10,908)		
Prior Year Adjustments	281	110	42	-	-	-	-		42		-			
Adjusted Balance Forward	161,772	172,596	167,996	152,926	152,926	152,926	152,926	152,926	42	(11,822)	(10,908)	(10,908)		
Net Revenue and Transfers-In:														
Other Income	1,006	1,122	1,286	1,839	2,617	3,869	5,047	5,122	(6:	(496)	(1,121)	(1,249)		
Transfer From HUTD	160,798	168,101	171,642	177,180	182,189	187,207	190,973	192,238	(1,538	3) (2,214)	(1,887)	(1,210)		
Transfer From CSAH	13,000	10,000	-		-	-	-	-				-		
Net Revenue and Transfers In	174,804	179,223	172,928	179,019	184,806	191,076	196,020	197,360	(1,600	) (2,710)	(3,008)	(2,459)		
<b>Expenditures and Transfers-Out</b>														
Grants to Local Governments	160,638	180,696	184,751	174,200	180,215	186,330	191,145	192,432	11,75	(3,941)	(2,934)	(2,395)		
MnDOT Administrative and Research	3,453	3,169	3,237	4,810	4,582	4,737	4,867	4,918	(1,496	5) 308	(83)	(73)		
Transfers to CSAH	-	-	-	-	-	-	-	-			-	-		
Transfers to Special Revenue	-	-	10	9	9	9	9	9	10	) 9	9	9		
Total Expenditures and Transfers-Out	164,091	183,865	187,998	179,019	184,806	191,076	196,020	197,360	10,269	(3,625)	(3,008)	(2,459)		
Balance before Reserves	172,486	167,954	152,926	152,926	152,926	152,926	152,926	152,926	(11,822	(10,908)	(10,908)	(10,908)		
Less Appropriation Carryforward	172,486	167,954	152,926	152,926	152,926	152,926	152,926	152,926	(11,822	(10,908)	(10,908)	(10,908)		
Ending Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		-	-	-		

#### 2016 November-Transportation

### Transit Assistance Fund November 2016 Forecast Comparison to EOS 2016 Forecast

				November 20	)16 Forecast					Change fror	n EOS 2016	
(\$ in thousands)	Close	Close	Close	Budget	Budget	Budget	Planning Est	Planning Est	Close	Budget	Budget	Budget
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2016	FY 2017	FY 2018	FY 2019
Balance Forward from Prior Year	\$34,816	\$32,170	\$56,246	\$69,634	\$76,735	\$79,122	\$85,597	\$84,130	-	44,884	49,665	49,692
Prior Year Adjustments	160	5,862	672	-	-	-	-	-	672	-	-	-
Adjusted Balance Forward	34,976	38,032	56,917	69,634	76,735	79,122	85,597	84,130	672	44,884	49,665	49,692
Net Revenue and Transfers-In												
Metropolitan Area Transit Account	230,498	249,930	257,099	268,100	287,620	304,160	317,620	323,900	31	(9,836)	(8,870)	(5,587)
Greater Minnesota Transit Account	25,611	27,770	28,567	29,790	31,960	33,800	35,290	35,990	3	(1,092)	(983)	(616)
Total Motor Vehicle Sales Tax	256,109	277,700	285,665	297,890	319,580	337,960	352,910	359,890	34	(10,928)	(9,853)	(6,203)
Leased Vehicle Sales Tax	22,612	23,266	29,171	30,050	32,750	35,400	37,200	37,500	4,421	2,980	3,320	4,490
Total Net Revenue and Transfers-In	278,721	300,967	314,836	327,940	352,330	373,360	390,110	397,390	4,455	(7,948)	(6,533)	(1,713)
Expenditures and Transfers-Out												
Metropolitan Council	234,915	252,931	257,172	268,100	287,620	304,160	317,620	323,900	104	(9,836)	(8,870)	(5,587)
Transportation Department	46,612	29,821	44,948	52,739	62,323	62,725	73,957	83,611	(39,861	(2,893)	2,310	(1,121)
Total Expenditures and Transfers-Out	281,527	282,752	302,120	320,839	349,943	366,885	391,577	407,511	(39,756	(12,729)	(6,560)	(6,708)
Balance Before Reserves	32,170	56,246	69,634	76,735	79,122	85,597	84,130	74,009	44,884	49,665	49,692	54,687
Less Appropriation Carryforward	32,170	56,246	69,634	30,050	32,750	35,400	37,200	37,500	44,884	2,980	3,320	4,490
Less Met Council Balance		-	-	-	-		-			-	-	_
Ending Balance	\$0	\$0	\$0	\$46,685	\$46,372	\$50,197	\$46,930	\$36,509	-	46,685	46,372	50,197

#### 2016 November-Transportation

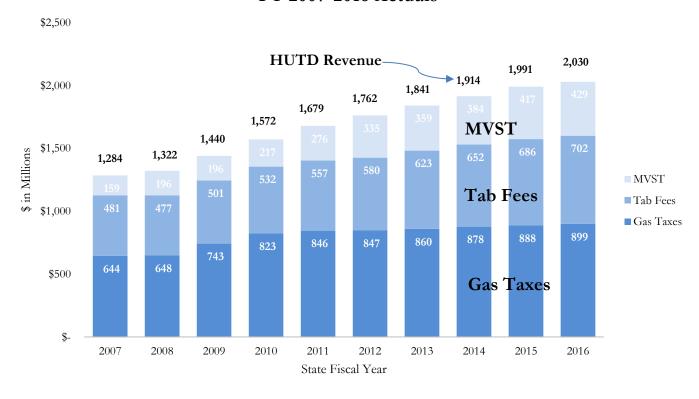
### State Airports Fund November 2016 Forecast Comparison to EOS 2016 Forecast

				November 20	16 Forecast					Change fron	n EOS 2016	
(\$ in thousands)	Close	Close	Close	Budget	Budget	Budget	Planning Est	Planning Est	Close	Budget	Budget	Budget
	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2016	FY 2017	FY 2018	FY 2019
Balance Forward from Prior Year	\$4,113	\$20,826	\$24,346	\$17,629	\$17,677	\$19,945	\$21,597	\$23,473		- (1,840)	3,239	4,474
Prior Year Adjustments	1,532	553	642	-	-	-	-	-	64		-	
Adjusted Balance Forward	5,645	21,379	24,988	17,629	17,677	19,945	21,597	23,473	64	2 (1,840)	3,239	4,474
Net Revenue and Transfers-In												
Transfer from General Fund	15,000	-	-	-	-	-	-	-			_	-
Sales Tax on Aircraft	3,272	8,104	4,941	6,000	5,000	5,000	5,000	5,000	1,44	1 2,000	1,000	1,000
Airline Flight Property Tax	9,208	8,081	7,000	7,000	7,000	6,000	6,000	6,000		0 1,000	1,000	-
Aircraft Registration Tax	3,358	3,648	2,455	4,000	3,000	3,000	3,000	3,000	(64	5) 900	(100)	(100)
Gasoline & Special Fuel Tax	3,317	6,230	6,118	6,400	6,461	6,514	6,588	6,651	(58	2) (427)	(496)	(575)
Other Income	835	964	955	1,049	1,201	1,446	1,683	1,699	(1	4) (120)	(251)	(286)
Total Net Revenue and Transfers-In	34,991	27,028	21,469	24,449	22,662	21,960	22,271	22,350	20	0 3,353	1,153	39
Expenditures and Transfers-Out												
Transportation Department	20,313	24,526	29,074	24,281	20,350	20,350	20,350	20,350	3,13	3 (1,726)	(81)	(25)
Revenue Department	-	-	-	-	-	-	-	_			-	-
Total Evaporditures and Transfers Out	20.212	24.525	20.074	24 204	20.250	20.250	20.250	20.250	2.12	2 (4.725)	(01)	(25)
Total Expenditures and Transfers-Out  Net Change in Loan Fund	20,313 503	24,526 465	29,074 246	24,281 (120)	20,350 (45)	20,350 42	20,350 (45)	20,350 42	3,13 45		(81)	(25)
Balance Before Reserves	20,826	24,346	17.629	17.677	19.945	21,597	23,473	42 25,516	(1,84		4,474	4,538
Less Appropriation Carryforward	20,826	24,546	2,817	2,667	2,622	2,664	25,475	25,516	(1,84		727	4,558 759
Ending Balance	\$18,783	\$21,731	\$14,812	\$15,010	\$17,323	\$18,933	\$20,854	\$22,854	(2,34		3,746	3,779

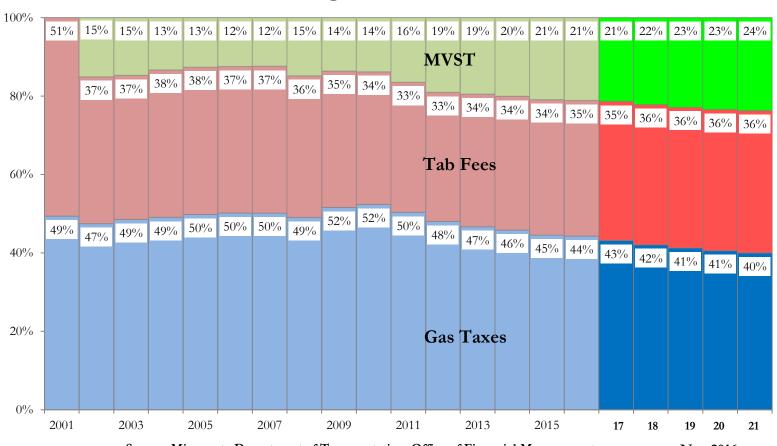
This fund statement consists of three funds: State Airports Fund, Hangar Revolving Loan Fund, and Air Transportation Services Fund.

Ending balances in the two revolving funds are not included in the consolidated fund statement ending balance since their receipts are dedicated to their specific functions.

## Minnesota Highway User Tax Revenue (3 Primary Sources) FY 2007-2016 Actuals



# Minnesota Highway User Tax Revenue FY 2001-16 Actuals, 2017-21 Based on Nov 2016 Forecast Percentage of Total Revenues



Source: Minnesota Department of Transportation, Office of Financial Management Annual Revenues and Expenditures for Transportation Purposes (Budgetary Basis) and Nov '16 forecast Nov 2016 Forecast

