



Transportation Revenue and Expenditures Report

February 15, 2022

Prepared by:

The Minnesota Department of Transportation
395 John Ireland Boulevard
Saint Paul, Minnesota 55155-1899

Phone: 651-296-3000

Toll-Free: 1-800-657-3774

TTY, Voice or ASCII: 1-800-627-3529

To request this document in an alternative format, call 651-366-4718 or 1-800-657-3774 (Greater Minnesota).

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Legislative Request

This report is issued to comply with [2021 Laws of Minn., 1st SS, Ch. 5, Art. 4, Sec. 137](#).

Sec. 146. Transportation Revenue and Expenditures; Report.

(a) The commissioner of transportation, in collaboration with the commissioners of revenue and management and budget, must submit a report to the chairs and ranking minority members of the legislative committees with jurisdiction over transportation policy and finance on transportation revenues and expenditures in Minnesota.

(b) At a minimum, the report must include analysis regarding:

- (1) revenue sources for the highway user tax distribution fund, including detailed information on how much revenue is generated on both a county and a per-capita basis;
- (2) the various constitutional and statutory formulas used to distribute highway user tax distribution funds, including detailed information on the amounts spent under each formula over the past five years;
- (3) expenditures for activities related to the highway user tax distribution fund, including detailed information on how funds are distributed to the trunk highway fund, county state-aid highway fund, and municipal state-aid street fund, and expended from these funds on both a county and a per-capita basis;
- (4) the current number of lane-miles by system, functional classification, and surface type, including roadways with two or more paved lanes, on a per-county basis; and
- (5) the projected cost to meet Minnesota's transportation needs as identified in the statewide highway investment plan under Minnesota Statutes, section 174.03, taking into account specific factors that include but are not limited to (i) action needed to achieve meaningful congestion relief, and (ii) labor costs to both maintain existing transportation assets and expand to meet future needs.

(c) The report under this section must be submitted no later than February 15, 2022.

The cost of preparing this report is less than \$5,000.

Executive Summary

This document complies with [2021 Laws of Minn., 1st SS, Ch. 5, Art. 4, Sec. 137](#) requiring the Minnesota Department of Transportation to report on transportation revenues and expenditures in Minnesota in collaboration with the Department of Revenue and Minnesota Management and Budget.

This report is a good companion to MnDOT's Transportation Funds Forecast document (released twice a year with the February and November forecasts) and MnDOT's Financial Snapshot (published in coordination with the forecast). The Forecast document provides detail on historic and projected spending by all transportation funds along with detailed descriptions of how each fund is set up and what its purpose is. The Snapshot is a two-page summary of key budget data and information and includes a projection of Highway User Tax Distribution fund revenues for the next two biennia (in this case, through FY 2025). This report provides some of that background, but provides additional information on revenues and expenditures broken down per capita for each county.

Specifically, this report addresses five issues identified in the law:

1. Revenue sources for the highway user tax distribution
2. Recent spending history of the constitutional and statutory formulas used to distribute HUTD fund resources
3. HUTD fund spending to other major dedicated funds
4. Mileage extent, classification and surface-type on the statewide system; and
5. Minnesota's projected needs, including congestion relief and labor costs.

Note: A substantial amount of the information included in this report is also available in other MnDOT reports as well as other legislative reports. See the appendix for a list of source information used in this report.

Introduction: Transportation Funding – The Big Picture

Any review of transportation revenue and funding in Minnesota must start with a discussion of the Highway User Tax Distribution Fund. Article 14 of the State Constitution concerns the state public highway system. The constitutional language establishing the HUTD fund very clearly articulates its purpose and function:

Minnesota State Constitution: Article XIV-Public Highway System

Sec. 5. HIGHWAY USER TAX DISTRIBUTION FUND. *There is hereby created a highway user tax distribution fund to be used solely for highway purposes as specified in this article. The fund consists of the proceeds of any taxes authorized by sections 9 [taxation of motor vehicles] and 10 [taxation of motor fuels] of this article. The net proceeds of the taxes shall be apportioned: 62 percent to the trunk highway fund; 29 percent to the county state-aid highway fund; nine percent to the municipal state-aid street fund. Five percent of the net proceeds of the highway user tax distribution fund may be set aside and apportioned by law to one or more of the three foregoing funds. The balance of the highway user tax distribution fund shall be transferred to the trunk highway fund, the county state-aid highway fund, and the municipal state-aid street fund in accordance with the percentages set forth in this section. No change in the apportionment of the five percent may be made within six years of the last previous change.*

Figure 1 below is published on the last page of the [November 2021 Transportation Funds Forecast document](#), and shows the most recent record of all revenues and expenditures for transportation purposes that flow through the HUTD fund. The next two sections of this report provide county level estimates of all key revenues and expenditures shown in the chart.

Figure 1: Revenue and Expenditures of All Sources of Funds that Flow Through MnDOT

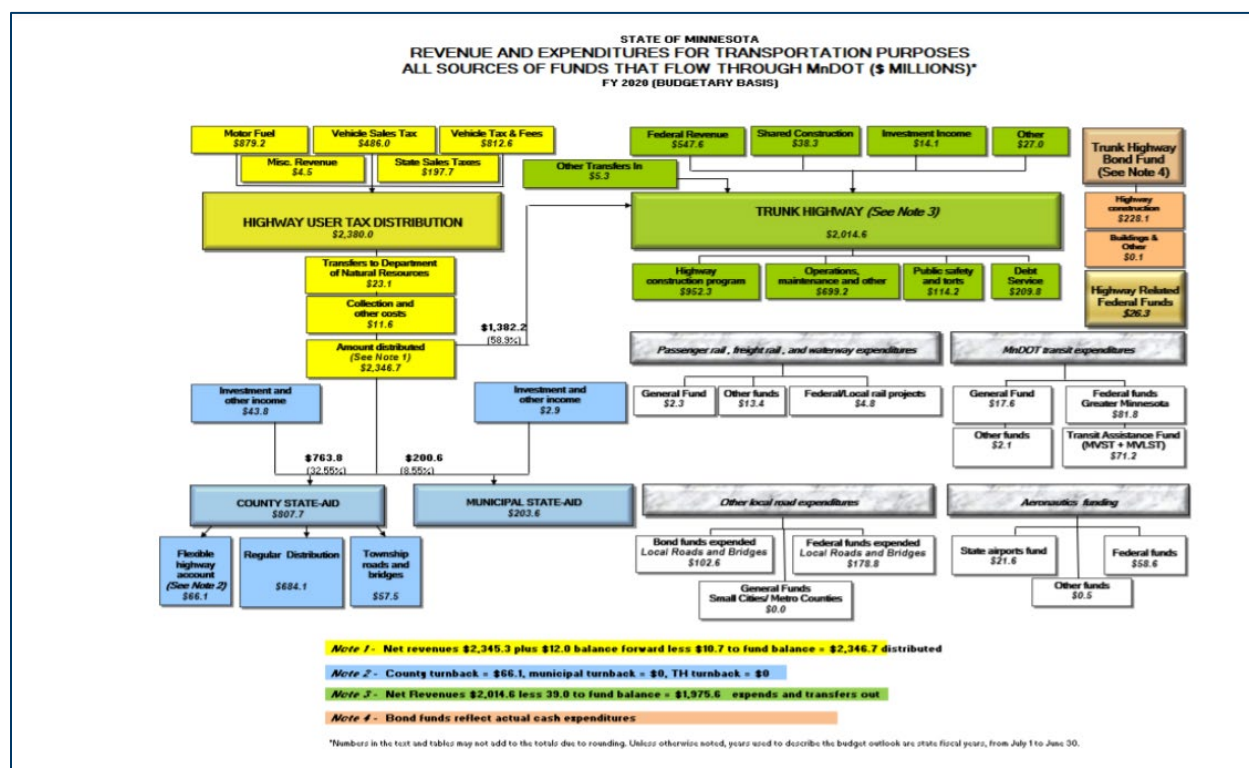
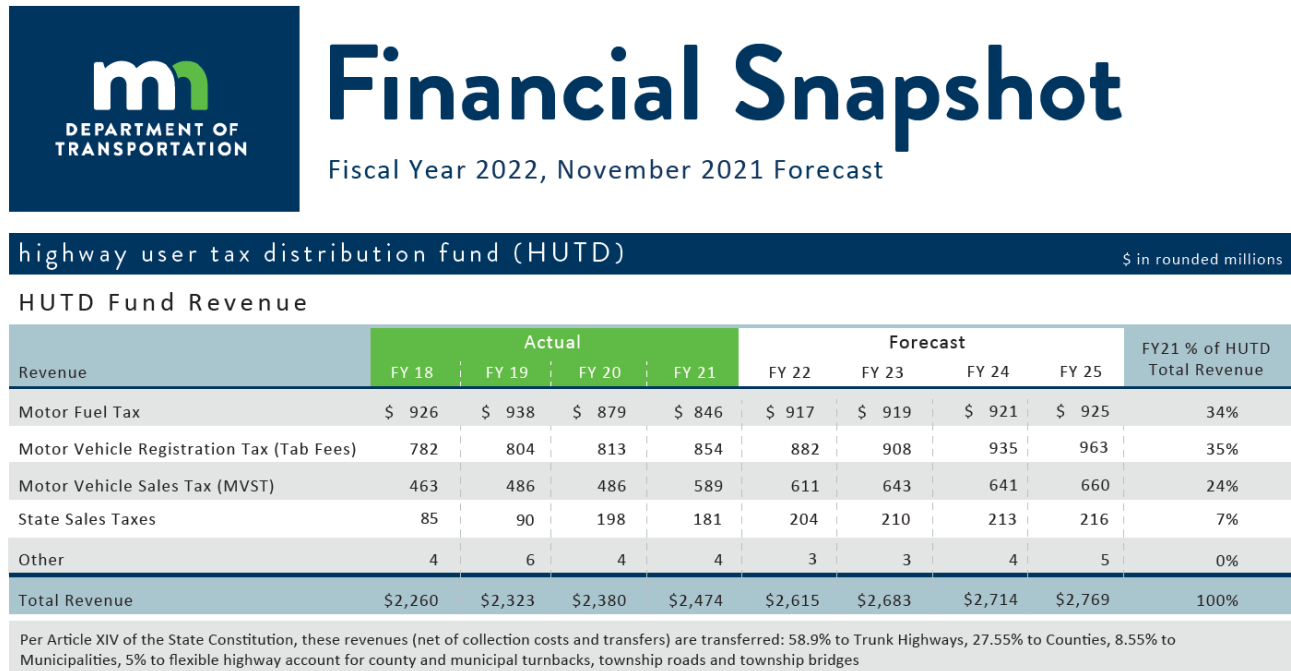


Figure 2, the [2021 November Financial Snapshot](#), is published twice a year with every budget forecast. The Snapshot provides the history of actual revenues from the HUTD fund from FY 2018 through FY 2021 and forecasted revenues from the current FY 2022 through FY 2025. As the table in Figure 2 shows, revenues to the HUTD fund are expected to continue to grow modestly through FY 2025.

Figure 2: November 2021 Forecast - Fiscal Year 2022 Financial Snapshot



Highway User Tax Distribution Fund Revenues by County and Per Capita

Each year in late January, MnDOT releases the Commissioner's Order detailing distributions from the HUTD fund to Minnesota's 87 counties and each municipal state aid city (population over 5,000). These Commissioner's Orders also provide detail on the total gross income from highway users.

Table 1 shows HUTD fund estimated gross income from all the sources of revenue (gas tax, tab fees, MVST, etc....) and net revenue available for distribution for the five-year period 2017-2021.

Table 1: HUTD Fund Revenue Sources Available for Distribution

HUTD Fund Revenue Sources Available for Distribution					
	2017	2018	2019	2020	2021
Estimated Gross Income					
Motor Fuel Tax	\$905,100,000	\$921,300,000	\$934,800,000	\$946,100,000	\$858,414,434
Motor Vehicle Tax	\$743,700,000	\$787,300,000	\$810,200,000	\$835,900,000	\$854,550,000
Fee on Rental Vehicles	\$2,000,000	\$1,530,000	\$1,488,000	\$1,336,000	\$892,000
Motor Vehicle Fees	\$935,000	\$940,000	\$1,083,000	\$950,000	\$916,000
Motor Vehicle Sales Tax 60%	\$446,830,000	\$470,820,000	\$478,920,000	\$505,680,000	\$528,720,000
Interest on Investments	\$882,000	\$1,900,000	\$3,649,000	\$3,097,000	\$1,846,000
Sales Tax on Auto Parts	--	\$31,536,000	\$31,536,000	\$145,644,000	\$145,644,000
MV Rental Tax 9.2%	--	\$28,700,000	\$28,570,000	\$29,086,000	\$16,240,000
MV Rental Tax 6.5%	--	\$19,200,000	\$20,185,000	\$20,550,000	\$11,474,000
MVLST	--	\$10,549,000	\$10,857,000	\$10,747,000	\$9,999,000
Total Highway Users Income					
	\$2,099,447,000	\$2,273,775,000	\$2,321,288,000	\$2,499,090,000	\$2,428,695,434
Less Appropriations and Estimated Transfers Out					
DPS - Motor Vehicle Division	\$955,000	\$10,474,000	\$11,545,000	\$8,676,000	\$9,386,000
DOR -Petro Div & Hwy Refund Interest	\$2,346,000	\$2,204,000	\$2,210,000	\$2,215,000	\$2,226,000
MMB - Statewide Indirect Costs	\$117,000	\$117,000	\$135,000	\$135,000	\$132,000
DNR - Marine Gas Tax	\$10,951,000	\$11,076,000	\$11,250,000	\$11,287,000	\$10,244,000
DNR - Snowmobile Gas Tax	\$7,301,000	\$7,384,000	\$7,500,000	\$7,524,000	\$6,830,000
DNR - ATV Gas Tax	\$1,971,000	\$1,994,000	\$2,025,000	\$2,032,000	\$1,840,000
DNR - Forest Road	\$1,035,000	\$995,000	\$1,010,000	\$1,041,000	\$944,000
DNR - Off Road Motorcycle Gas Tax	\$336,000	\$340,000	\$345,000	\$346,000	\$310,000
DNR - Off Road Vehicle Gas Tax	\$1,197,000	\$1,181,000	\$1,199,000	\$1,234,000	\$1,120,000
Total Appropriations and Transfers Out					
	\$26,209,000	\$35,765,000	\$37,219,000	\$34,490,000	\$33,032,000
Reserve for Fund Balance per MnDOT budget practice					
	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000	\$12,000,000
Total Highway Users Fund Available for Distribution					
	\$2,061,238,000	\$2,226,010,000	\$2,272,069,000	\$2,452,600,000	\$2,383,663,434

Table 2 shows the distribution of HUTD fund revenues that were available to the state Trunk Highway Fund and the various overall distribution to county, city, and township local governments for the five-year period 2017-2021.

Table 2: Distribution of Available HUTD Funds

Distribution of Available HUTD Fund Resources					
Distribution of HUTD Fund	2017	2018	2019	2020	2021
Breakdown by Fund of 95% Distribution (regular distribution)					
Trunk Highway Fund (62%)	\$1,214,069,182	\$1,311,119,890	\$1,338,248,641	\$1,444,581,400	\$1,403,977,763
CSAH Fund (29%)	\$588,692,725	\$651,684,508	\$653,400,027	\$711,990,643	\$647,918,460
Municipal State Aid Street Fund (9%)	\$176,235,849	\$190,323,855	\$194,261,900	\$209,697,300	\$203,803,224
95% Distribution Totals*	\$1,958,176,100	\$2,114,709,500	\$2,158,465,550	\$2,329,970,000	\$2,264,480,262
Breakdown by Fund of 5% Distribution (set-aside distribution)					
Town Road Account (30.5%)	\$31,433,880	\$33,946,653	\$34,649,052	\$37,402,150	\$36,350,867
Town Bridge Account (16%)	\$16,489,904	\$17,808,080	\$18,176,552	\$19,620,800	\$19,069,307
Flexible Highway Account (53.5%)	\$55,138,117	\$59,545,768	\$60,777,846	\$65,607,050	\$63,762,997
5% Distribution Totals**	\$103,061,900	\$111,300,500	\$113,603,450	\$122,630,000	\$119,183,172

* Per Minnesota Constitution Article XIV, Section 5

**Per M.S. 161.081

Note: Adjustments for income, deductions, other factors etc., see Commissioners Orders for details

Another requirement of this report is to estimate the revenue generated by the HUTD fund for each of Minnesota's 87 counties and include an estimate of the per capita revenue generated in each county. This table is included as Table 3.

Because people drive across county lines all the time and buy and rent cars in counties all around the state, estimating HUTD fund revenue at the county level is not a precise science. The best source of information is the annual publication by the Minnesota House Research Department called [Major State Aids and Taxes: A Comparative Analysis](#). This report estimates revenues on a per-county basis for the 'big 3' HUTD fund revenue sources: the Motor Vehicle Sales Tax, the Motor Vehicle Registration tax ('tab fee'), and the gas tax. For those three revenue sources there is a three-year lag on the data, so the methodology assumes that the relative allocation of the transportation taxes paid in each county in 2017 (most recent year reported) is a reasonable proxy for estimating the current allocation of the HUTD fund revenues collected in 2021.

Table 3 shows the four revenue sources contributing to the HUTD broken down per capita by county. The four sources are motor vehicle sales tax, vehicle registration tax, gas tax and a general fund transfer. The general fund transfer became effective in 2018 and consists of three revenue streams including:

- 1) **Sales Tax on Auto Parts:** Revenue from a portion of the general sales tax on motor vehicle repair or replacement parts is transferred from the General Fund to the HUTD Fund each month. ([Minn. Stat. 297A.94](#)) In FY 2018-19 the monthly deposit amount was \$2,628,000 and, subsequently, the monthly amount is \$12,137,000.
- 2) **Motor Vehicle Lease Sales Tax:** MVLST is a 6.5% tax on leased motor vehicles. ([Minn. Stat. 297A.815](#)). It is allocated as follows: 38% to County State Aid Highway, 38% to the TAF (Greater Minnesota Transit account), 13% to the Minnesota State Transportation Fund (for local bridges) and 11% to the HUTD fund.

- 3) **Vehicle Rental Sales Tax:** There are two vehicle rental taxes. One is a 9.2% tax for the short-term motor vehicle rental tax ([Minn. Stat. 297A.64](#)); the other is a 6.5% tax from short-term motor vehicle rentals ([Minn. Stat. 297A.62](#)). This revenue is transferred from the state General Fund to the HUTD fund ([Minn. Stat. 297A.94](#)).

Table 3: HUTD Revenue by County and Per Capita

	Motor Vehicle Sales Tax ⁽¹⁾		Vehicle Registration tax (Tab Fees)		Gas Tax		General Fund Transfer-Sales Tax ⁽²⁾		Totals	
County	County Total	Per Capita	County Total	Per Capita	County Total	Per Capita	County Total	Per Capita	County Total	Per Capita
Aitkin	\$1,882	\$121	\$2,591	\$166	\$3,716	\$238	\$328	\$21	\$8,517	\$546
Anoka	\$36,693	\$101	\$52,853	\$146	\$45,866	\$127	\$9,063	\$25	\$144,474	\$399
Becker	\$3,775	\$108	\$5,123	\$147	\$6,058	\$173	\$947	\$27	\$15,903	\$455
Beltrami	\$4,142	\$87	\$5,665	\$119	\$5,746	\$121	\$1,565	\$33	\$17,118	\$360
Benton	\$3,873	\$94	\$5,273	\$128	\$7,139	\$174	\$1,165	\$28	\$17,451	\$425
Big Stone	\$694	\$143	\$986	\$204	\$989	\$204	\$66	\$14	\$2,734	\$565
Blue Earth	\$6,301	\$92	\$8,873	\$130	\$9,049	\$132	\$2,618	\$38	\$26,841	\$392
Brown	\$3,252	\$131	\$4,611	\$186	\$3,364	\$136	\$677	\$27	\$11,904	\$480
Carlton	\$3,736	\$104	\$5,001	\$140	\$7,100	\$199	\$611	\$17	\$16,448	\$460
Carver	\$11,032	\$102	\$17,352	\$160	\$12,943	\$119	\$2,246	\$21	\$43,573	\$401
Cass	\$3,096	\$104	\$4,198	\$141	\$6,021	\$203	\$746	\$25	\$14,062	\$473
Chippewa	\$1,484	\$127	\$2,122	\$181	\$2,287	\$195	\$275	\$23	\$6,168	\$527
Chisago	\$6,475	\$115	\$8,923	\$159	\$12,003	\$214	\$790	\$14	\$28,192	\$503
Clay	\$5,831	\$88	\$8,173	\$124	\$11,053	\$167	\$1,103	\$17	\$26,160	\$396
Clearwater	\$1,014	\$114	\$1,328	\$149	\$1,653	\$186	\$106	\$12	\$4,101	\$460
Cook	\$658	\$121	\$899	\$165	\$1,673	\$307	\$328	\$60	\$3,557	\$652
Cottonwood	\$1,375	\$124	\$1,894	\$171	\$2,148	\$194	\$178	\$16	\$5,594	\$505
Crow Wing	\$7,436	\$114	\$10,299	\$158	\$12,145	\$186	\$2,854	\$44	\$32,734	\$501
Dakota	\$50,077	\$115	\$78,585	\$180	\$59,532	\$137	\$13,685	\$31	\$201,879	\$464
Dodge	\$2,338	\$111	\$3,218	\$153	\$3,237	\$154	\$259	\$12	\$9,052	\$430
Douglas	\$4,429	\$115	\$6,306	\$164	\$8,563	\$223	\$1,549	\$40	\$20,848	\$542
Faribault	\$1,785	\$133	\$2,454	\$183	\$3,440	\$257	\$179	\$13	\$7,859	\$586
Fillmore	\$2,588	\$123	\$3,491	\$166	\$3,335	\$159	\$446	\$21	\$9,859	\$469
Freeborn	\$3,319	\$111	\$4,508	\$150	\$7,792	\$259	\$742	\$25	\$16,362	\$545
Goodhue	\$5,588	\$120	\$7,909	\$170	\$9,994	\$215	\$1,038	\$22	\$24,529	\$529
Grant	\$861	\$145	\$1,219	\$206	\$1,864	\$314	\$97	\$16	\$4,042	\$681
Hennepin	\$123,314	\$94	\$185,279	\$142	\$164,020	\$126	\$63,738	\$49	\$536,351	\$411
Houston	\$2,251	\$122	\$3,073	\$167	\$2,750	\$149	\$206	\$11	\$8,280	\$449
Hubbard	\$2,219	\$104	\$2,916	\$136	\$3,876	\$181	\$463	\$22	\$9,474	\$443
Isanti	\$4,158	\$103	\$5,517	\$137	\$5,617	\$140	\$1,118	\$28	\$16,410	\$408

	Motor Vehicle Sales Tax ⁽¹⁾		Vehicle Registration tax (Tab Fees)		Gas Tax		General Fund Transfer-Sales Tax ⁽²⁾		Totals	
Itasca	\$4,980	\$110	\$6,950	\$154	\$7,176	\$159	\$1,048	\$23	\$20,155	\$446
Jackson	\$1,256	\$128	\$1,775	\$181	\$3,777	\$386	\$182	\$19	\$6,990	\$714
Kanabec	\$1,631	\$102	\$2,035	\$128	\$2,455	\$154	\$193	\$12	\$6,314	\$396
Kandiyohi	\$4,729	\$110	\$6,626	\$154	\$6,958	\$162	\$1,492	\$35	\$19,804	\$461
Kittson	\$627	\$152	\$918	\$223	\$1,160	\$281	\$73	\$18	\$2,779	\$673
Koochiching	\$1,455	\$121	\$1,982	\$164	\$1,815	\$150	\$269	\$22	\$5,521	\$457
Lac Qui Parle	\$914	\$143	\$1,299	\$204	\$1,594	\$250	\$73	\$11	\$3,880	\$608
Lake	\$1,209	\$116	\$1,610	\$155	\$2,456	\$236	\$281	\$27	\$5,556	\$534
Lake of the Woods	\$497	\$138	\$654	\$181	\$717	\$198	\$186	\$52	\$2,054	\$569
Le Sueur	\$3,408	\$120	\$4,697	\$166	\$3,905	\$138	\$399	\$14	\$12,409	\$437
Lincoln	\$726	\$130	\$979	\$175	\$1,119	\$200	\$94	\$17	\$2,918	\$523
Lyon	\$2,895	\$112	\$4,131	\$160	\$3,968	\$154	\$851	\$33	\$11,844	\$459
Mahnomen	\$449	\$81	\$597	\$107	\$1,140	\$205	\$139	\$25	\$2,325	\$418
Marshall	\$1,293	\$138	\$1,883	\$202	\$2,392	\$256	\$129	\$14	\$5,697	\$610
Martin	\$2,466	\$128	\$3,517	\$182	\$4,418	\$229	\$456	\$24	\$10,857	\$562
McLeod	\$4,217	\$119	\$5,876	\$166	\$5,199	\$147	\$975	\$28	\$16,267	\$459
Meeker	\$2,618	\$114	\$3,572	\$156	\$3,591	\$157	\$470	\$20	\$10,252	\$447
Mille Lacs	\$3,646	\$141	\$5,228	\$203	\$6,027	\$234	\$537	\$21	\$15,437	\$599
Morrison	\$3,809	\$116	\$4,904	\$149	\$7,158	\$218	\$609	\$19	\$16,480	\$501
Mower	\$4,027	\$101	\$5,295	\$132	\$5,824	\$145	\$652	\$16	\$15,798	\$395
Murray	\$1,157	\$143	\$1,676	\$207	\$1,590	\$196	\$114	\$14	\$4,537	\$561
Nicollet	\$3,283	\$95	\$4,697	\$135	\$5,762	\$166	\$486	\$14	\$14,228	\$410
Nobles	\$2,376	\$108	\$3,246	\$147	\$4,552	\$206	\$516	\$23	\$10,691	\$484
Norman	\$827	\$130	\$1,136	\$179	\$1,457	\$229	\$94	\$15	\$3,514	\$552
Olmsted	\$16,061	\$100	\$23,542	\$146	\$21,304	\$133	\$5,508	\$34	\$66,414	\$413
Otter Tail	\$6,549	\$111	\$8,603	\$146	\$11,943	\$203	\$1,861	\$32	\$28,956	\$491
Pennington	\$1,591	\$111	\$2,198	\$154	\$2,014	\$141	\$443	\$31	\$6,247	\$437
Pine	\$3,032	\$105	\$3,826	\$132	\$8,003	\$277	\$454	\$16	\$15,315	\$530
Pipestone	\$1,159	\$131	\$1,579	\$179	\$1,737	\$197	\$198	\$22	\$4,674	\$529
Polk	\$3,520	\$111	\$4,978	\$157	\$5,834	\$185	\$513	\$16	\$14,845	\$470
Pope	\$1,363	\$123	\$1,942	\$176	\$2,230	\$202	\$191	\$17	\$5,727	\$518
Ramsey	\$49,918	\$88	\$70,479	\$124	\$66,939	\$118	\$17,947	\$32	\$205,283	\$361
Red Lake	\$529	\$134	\$720	\$182	\$835	\$211	\$72	\$18	\$2,156	\$545
Redwood	\$1,943	\$132	\$2,745	\$186	\$3,070	\$208	\$356	\$24	\$8,115	\$550
Renville	\$1,921	\$137	\$2,731	\$194	\$3,589	\$256	\$175	\$12	\$8,416	\$599
Rice	\$6,507	\$97	\$9,053	\$134	\$10,611	\$158	\$1,283	\$19	\$27,454	\$408
Rock	\$1,132	\$122	\$1,583	\$171	\$2,590	\$279	\$132	\$14	\$5,437	\$586
Roseau	\$1,894	\$124	\$2,520	\$165	\$2,476	\$162	\$293	\$19	\$7,183	\$471
Scott	\$15,511	\$100	\$24,192	\$156	\$19,646	\$127	\$3,867	\$25	\$63,216	\$409
Sherburne	\$10,241	\$104	\$14,812	\$151	\$12,996	\$133	\$2,038	\$21	\$40,088	\$409

	Motor Vehicle Sales Tax ⁽¹⁾		Vehicle Registration tax (Tab Fees)		Gas Tax		General Fund Transfer-Sales Tax ⁽²⁾		Totals	
Sibley	\$1,731	\$117	\$2,327	\$158	\$2,772	\$188	\$108	\$7	\$6,938	\$471
St. Louis	\$20,468	\$103	\$28,448	\$142	\$30,444	\$152	\$6,387	\$32	\$85,748	\$429
Stearns	\$16,590	\$102	\$23,406	\$144	\$27,785	\$171	\$5,335	\$33	\$73,116	\$449
Steele	\$3,978	\$108	\$5,484	\$148	\$7,751	\$210	\$1,114	\$30	\$18,328	\$496
Stevens	\$1,097	\$112	\$1,627	\$166	\$1,482	\$151	\$294	\$30	\$4,499	\$459
Swift	\$1,220	\$133	\$1,692	\$185	\$1,976	\$216	\$189	\$21	\$5,077	\$554
Todd	\$2,509	\$104	\$3,078	\$127	\$4,466	\$184	\$223	\$9	\$10,277	\$424
Traverse	\$429	\$134	\$611	\$191	\$684	\$214	\$50	\$16	\$1,774	\$555
Wabasha	\$2,708	\$126	\$3,735	\$174	\$3,139	\$146	\$289	\$13	\$9,871	\$459
Wadena	\$1,588	\$116	\$1,987	\$146	\$2,315	\$170	\$381	\$28	\$6,272	\$460
Waseca	\$2,099	\$114	\$2,841	\$154	\$2,793	\$151	\$280	\$15	\$8,014	\$434
Washington	\$28,260	\$106	\$43,585	\$164	\$34,901	\$131	\$6,812	\$26	\$113,559	\$426
Watonwan	\$1,247	\$115	\$1,631	\$151	\$2,489	\$230	\$153	\$14	\$5,520	\$510
Wilkin	\$814	\$133	\$1,107	\$181	\$2,402	\$393	\$49	\$8	\$4,370	\$715
Winona	\$4,950	\$98	\$6,973	\$138	\$9,126	\$181	\$1,035	\$21	\$22,084	\$438
Wright	\$15,004	\$107	\$21,858	\$156	\$22,597	\$161	\$3,345	\$24	\$62,804	\$448
Yellow Medicine	\$1,307	\$138	\$1,841	\$194	\$1,999	\$211	\$121	\$13	\$5,267	\$555
Total	\$589,043	\$116	\$853,657	\$161	\$846,125	\$192	\$181,000	\$23	\$2,469,825	\$491

(1) As required in this report, the totals for the MVST represent just the 60% of MVST revenue deposited in the HUTD fund, and not the 40% of MVST revenue deposited in the Transit Assistance Fund.

(2) The 'General Fund Transfer - Sales Tax' includes the funds transferred to the Highway User Tax Distribution fund which includes the sales tax on auto parts, MV leased tax, and the two vehicle rental taxes.

Note on Estimation Methodology: Minnesota House Research prepares an annual report called Major State Aids and Taxes. This report provides the best data on the distribution of tax types by county, but the data for the 'Big 3' transportation tax types (MVST, Tab Fees, and the gas tax) has a three-year lag. In an effort to provide as current an estimate as possible for the share of each tax paid overall and per capita in 2021, the amounts shown are derived by distributing the 2021 projected tax revenue at the same ratio as existed in 2017. In the case of the General Fund Transfer from the vehicle rental sales taxes, the amounts shown are distributed at the same percentage of the overall state sales tax. All per capita estimates are derived using 2021 population figures from the Minnesota State Demographer.

Source for "Big 3" HUTDF Revenues: House Research Department: [Major State Aids and Taxes, 2017 Update](#)

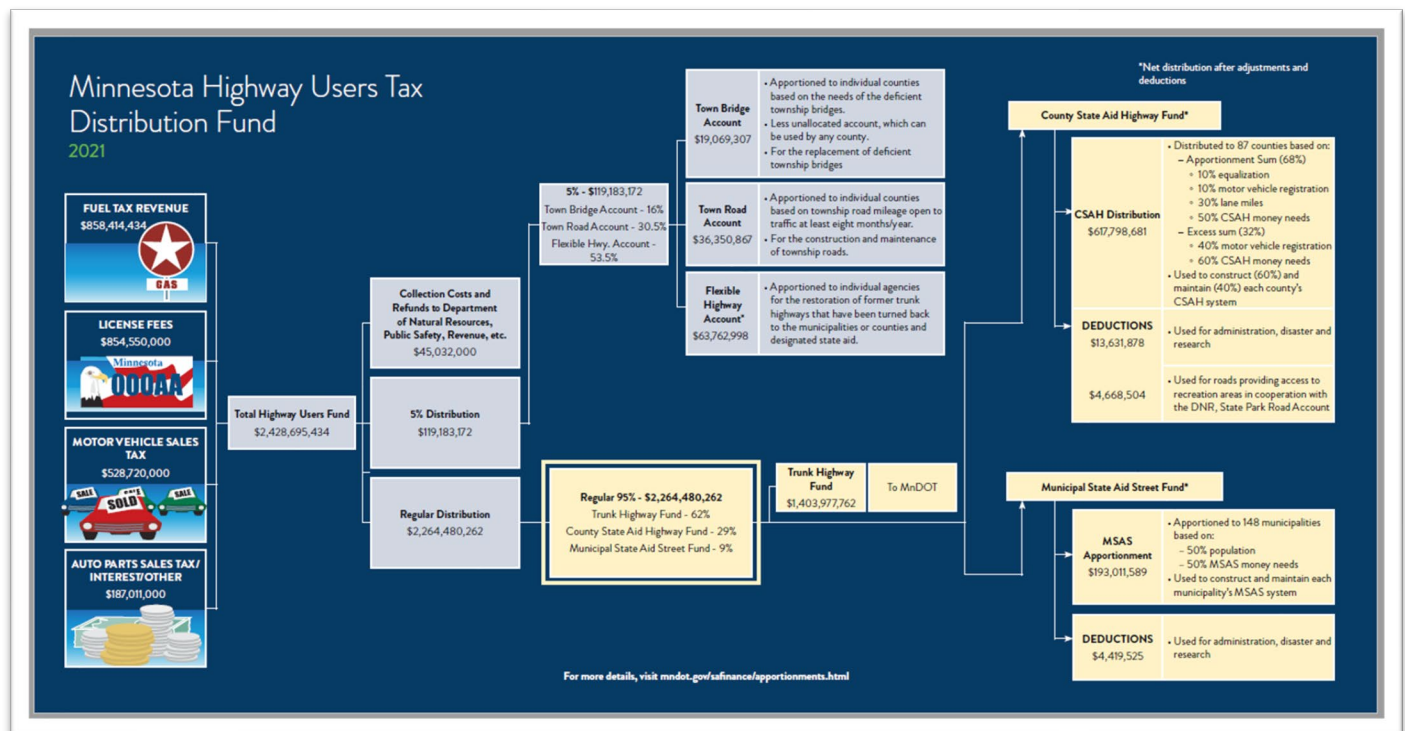
Source for GF Transfer: Minnesota Department of Revenue - 2019 Sales and Use Tax Revenue by County

Highway User Tax Distribution Fund Distribution Formulas and Spending

Another requirement of this report is to provide details on the various constitutional and statutory formulas that are applied to determine the distribution of highway user tax distribution funds to state and local governments and the amounts spent under each formula over the past five years.

As suggested above and displayed again in Figure 3, revenues available for distribution from the HUTD fund are distributed through three channels. First, a small fraction of total HUTD fund revenues is directed to reimburse other state agencies like Revenue and DNR. Then 5% of the remaining balance is allotted to a '5 Percent Set-Aside' and from there, further distributed among three sub-accounts: the Town Bridge Account receives 16%; the Town Road Account receives 30.5%; and the Flexible Highway Account receives 53.5%. The remaining 95% – so the vast majority of the HUTD fund revenue – is distributed through the 'regular distribution', which again is further distributed as follows: 62% to the state Trunk Highway fund, 29% to the County State Aid Highway fund, and 9% to the Municipal State Aid Street fund.

Figure 3: Highway Users Tax Distribution Fund Flow Chart



The following narrative and tables provide details on all expenditures from the HUTD fund, and its distribution formulas. This includes distribution from the 5% set-aside, and the 95% regular distribution to the state trunk highway fund, county state-aid highway fund, and municipal state-aid street fund. This information is displayed in the following tables for each individual county in both total dollars and per capita.¹

HUTD Fund Distribution: 2017-2021

5% “Set-aside”

Allocation of the 5 percent set-aside in the HUTD fund is less restrictive than the statutorily required terms of the regular distribution. The 5% set-aside funds can be re-directed by statute, but are constitutionally required to be deposited into any of the three core highway funds: the state trunk highway fund, the CSAH fund, and the MSAS fund. Five percent set-aside funds are currently deposited into the CSAH fund and then further distributed as shown in Table 4, based on requirements set in [Minn. Stat. 161.081](#).

Table 4: 5% Set Aside Allocations

Share of 5% Set-Aside	Destination Account	Use
53.5%	Flexible highway account	<ul style="list-style-type: none"> • Twin Cities metropolitan area county highways • Turnbacks—trunk highways being turned over to cities or counties • Safety improvements on local roads • Routes of regional significance
30.5%	Town road account	Town roads: allocated to counties proportionally based on town road miles, to be distributed to towns. Minn. Stat. 162.081
16%	Town bridge account	Town bridges

Note: A share of funds in the flexible highway account must be allocated to counties in the Twin Cities metropolitan area. The distribution is proportional based on county population, except that the populations of Minneapolis and St. Paul are not counted. Minn. Stat. 161.081, subd. 3

Flexible Highway Account – 53% of 5% Set-aside

[Minn. Stat. 161.081, subd. 3](#) currently provides Flexible Highway Account funding for restoration of former state highways that have been turned back to counties or cities. Funds are divided between the Twin Cities metropolitan area and greater Minnesota annually, typically a 50/50 split of the available funds. These funds are spent as county and municipal state aid funds and all state aid rules and practices apply. The Flexible Highway Account apportionment displayed in Figure 7 complies with [Minn. Stat. 161.081, subd 3](#).

¹ Note: The source for all HUTD fund formula distribution data shown in the following tables is the annual January release of the ‘Commissioner’s Order’ which notifies all local governments of the state aid they can expect in the coming year.

Table 5: 5% Set Aside-Flexible Highway Account 53.5%

Distribution by County of the 5% Set-Aside: Flexible Highway Account - 53.5%						
Flexible Highway Account: (5% Distribution x 53.5%)	County	2017	2018	2019	2020	2021
Total Available		\$54,678,862	\$60,394,545	\$59,903,202	\$66,124,395	\$60,929,905
Metro Distribution 16% of Total Available	Anoka	\$1,288,572	\$1,453,982	\$1,443,058	\$1,596,238	\$1,472,611
	Carver	\$369,183	\$419,620	\$420,870	\$472,692	\$435,224
	Dakota	\$1,548,843	\$1,744,985	\$1,729,096	\$1,911,635	\$1,759,517
	Hennepin	\$3,023,721	\$3,409,851	\$3,377,839	\$3,714,007	\$3,427,636
	Ramsey	\$871,872	\$985,070	\$970,308	\$1,067,079	\$984,005
	Scott	\$526,500	\$594,000	\$592,147	\$651,746	\$602,846
	Washington	\$937,979	\$1,055,619	\$1,051,194	\$1,166,506	\$1,066,946
Subtotal		\$8,566,670	\$9,663,127	\$9,584,512	\$10,579,903	\$9,748,785
Other Accounts	County Turnback (Remaining Balance)- Metro	--	\$20,534,146	\$20,367,089	\$22,482,294	\$20,716,167
	County Turnback (Remaining Balance)- Greater Minnesota	\$8,566,670	\$30,197,273	\$29,951,601	\$33,062,198	\$30,464,953
Subtotal		\$8,566,670	\$50,731,418	\$50,318,690	\$55,544,492	\$51,181,120

Town Road Account – 30.5% of 5% Set-aside

Funding distributed to townships for the Town Road Account may be expended only for the construction, reconstruction, and gravel maintenance of town roads. Funds are apportioned to each county by the same percentage of its total town road mileage to total town road mileage statewide. The Town Road Account apportionment displayed in Table 6 complies with [Minn. Stat. 162.081](#).

Table 6: 5% Set aside-Town Road 30.5%

Distribution by County of the 5% Set-Aside: Town Road Account - 53.5%					
County	2017	2018	2019	2020	2021
Total Available	\$31,172,061	\$36,430,535	\$36,150,423	\$37,697,085	\$34,735,739
Aitkin	\$407,860	\$477,610	\$471,541	\$491,979	\$452,451
Anoka	\$31,917	\$37,316	\$36,984	\$38,528	\$35,425
Becker	\$630,462	\$736,770	\$730,206	\$759,846	\$704,356
Beltrami	\$427,389	\$501,334	\$496,741	\$535,957	\$500,591
Benton	\$172,470	\$202,692	\$200,888	\$208,422	\$192,767
Big Stone	\$199,977	\$233,479	\$231,400	\$241,057	\$222,336
Blue Earth	\$354,956	\$415,201	\$411,349	\$428,514	\$394,004

Distribution by County of the 5% Set-Aside: Town Road Account - 53.5%					
Brown	\$358,960	\$419,685	\$415,949	\$433,307	\$398,411
Carlton	\$221,124	\$258,538	\$257,729	\$268,281	\$247,143
Carver	\$186,766	\$211,260	\$209,379	\$219,739	\$202,043
Cass	\$496,240	\$580,366	\$576,230	\$601,851	\$553,556
Chippewa	\$386,277	\$451,623	\$447,420	\$466,091	\$428,555
Chisago	\$249,453	\$291,718	\$290,412	\$298,967	\$273,404
Clay	\$531,762	\$619,747	\$612,601	\$638,165	\$586,771
Clearwater	\$222,806	\$260,899	\$258,576	\$268,756	\$247,418
Cook	\$2,846	\$3,327	\$3,298	\$3,435	\$39,257
Cottonwood	\$391,740	\$458,010	\$453,933	\$473,003	\$434,910
Crow Wing	\$410,826	\$478,209	\$474,111	\$493,778	\$454,370
Dakota	\$207,340	\$243,948	\$241,776	\$251,865	\$231,582
Dodge	\$249,074	\$290,212	\$289,105	\$303,906	\$279,412
Douglas	\$404,055	\$473,112	\$472,524	\$492,378	\$452,831
Faribault	\$443,918	\$519,015	\$514,395	\$534,842	\$491,768
Fillmore	\$475,903	\$556,411	\$551,458	\$574,471	\$528,019
Freeborn	\$360,068	\$421,073	\$416,771	\$434,380	\$399,398
Goodhue	\$464,177	\$542,701	\$538,457	\$560,839	\$515,859
Grant	\$245,893	\$274,063	\$271,623	\$290,779	\$267,424
Hennepin	\$0	\$0	\$0	\$0	\$0
Houston	\$250,198	\$292,190	\$290,163	\$302,151	\$277,817
Hubbard	\$339,563	\$397,467	\$393,766	\$410,204	\$376,613
Isanti	\$302,730	\$353,680	\$350,662	\$365,159	\$335,891
Itasca	\$334,619	\$391,233	\$387,751	\$403,979	\$371,226
Jackson	\$400,815	\$469,146	\$466,975	\$484,955	\$449,152
Kanabec	\$168,471	\$196,642	\$194,729	\$202,346	\$185,972
Kandiyohi	\$404,384	\$473,929	\$469,563	\$489,110	\$453,615
Kittson	\$518,742	\$608,634	\$603,217	\$628,389	\$577,782
Koochiching	\$68,657	\$84,759	\$84,005	\$88,046	\$80,956
Lac Qui Parle	\$517,640	\$599,810	\$594,471	\$619,278	\$569,405
Lake	\$75,784	\$88,604	\$87,816	\$92,444	\$84,887
Lake of the Woods	\$189,809	\$221,787	\$219,813	\$228,986	\$210,545
Le Sueur	\$173,360	\$203,305	\$201,735	\$210,696	\$193,522
Lincoln	\$313,793	\$366,877	\$363,611	\$378,785	\$348,280
Lyon	\$396,040	\$463,018	\$458,415	\$477,422	\$439,442
McLeod	\$267,175	\$312,372	\$309,631	\$319,707	\$293,960
Mahnomen	\$149,000	\$174,221	\$172,670	\$179,876	\$164,603
Marshall	\$1,007,077	\$1,178,101	\$1,175,438	\$1,227,884	\$1,134,147
Martin	\$431,799	\$504,846	\$500,782	\$522,135	\$480,085
Meeker	\$436,759	\$510,645	\$506,484	\$529,148	\$488,980
Mille Lacs	\$246,641	\$288,365	\$285,798	\$298,064	\$274,060
Morrison	\$534,597	\$625,757	\$593,558	\$608,131	\$555,223

Distribution by County of the 5% Set-Aside: Town Road Account - 53.5%					
Mower	\$476,544	\$557,161	\$552,201	\$575,245	\$529,074
Murray	\$451,618	\$528,018	\$523,481	\$544,986	\$499,848
Nicollet	\$196,412	\$229,638	\$227,594	\$237,092	\$217,998
Nobles	\$456,399	\$534,593	\$529,835	\$551,945	\$507,495
Norman	\$363,617	\$425,525	\$422,389	\$441,033	\$406,451
Olmsted	\$335,536	\$393,363	\$391,087	\$409,471	\$376,245
Otter Tail	\$1,371,496	\$1,604,004	\$1,590,899	\$1,658,646	\$1,528,102
Pennington	\$206,434	\$241,784	\$242,564	\$252,856	\$234,034
Pine	\$440,445	\$514,448	\$510,292	\$532,297	\$488,350
Pipestone	\$327,010	\$382,330	\$373,354	\$388,935	\$357,612
Polk	\$1,169,202	\$1,366,994	\$1,369,490	\$1,427,929	\$1,315,241
Pope	\$377,779	\$442,792	\$438,851	\$457,164	\$420,284
Ramsey	\$24,341	\$28,459	\$28,206	\$29,383	\$26,767
Red Lake	\$155,631	\$181,959	\$197,218	\$206,365	\$189,746
Redwood	\$534,715	\$624,756	\$619,195	\$645,498	\$595,608
Renville	\$547,504	\$640,782	\$635,078	\$661,580	\$608,675
Rice	\$291,229	\$343,126	\$339,420	\$353,584	\$325,109
Rock	\$310,812	\$363,392	\$360,157	\$375,187	\$344,971
Roseau	\$682,129	\$800,812	\$806,229	\$841,910	\$781,941
St. Louis	\$467,349	\$547,087	\$542,686	\$569,705	\$527,226
Scott	\$215,945	\$253,426	\$251,719	\$273,435	\$246,787
Sherburne	\$272,636	\$320,237	\$318,090	\$330,882	\$305,314
Sibley	\$322,874	\$377,381	\$374,018	\$388,184	\$357,305
Stearns	\$807,480	\$945,856	\$941,118	\$973,677	\$895,631
Steele	\$219,715	\$257,542	\$255,249	\$265,901	\$244,487
Stevens	\$299,837	\$350,560	\$347,439	\$362,637	\$335,305
Swift	\$413,931	\$483,955	\$479,647	\$499,663	\$459,423
Todd	\$581,569	\$679,953	\$676,012	\$704,974	\$648,199
Traverse	\$258,778	\$302,556	\$299,862	\$312,376	\$287,219
Wabasha	\$205,433	\$240,186	\$239,560	\$249,557	\$228,204
Wadena	\$205,562	\$240,271	\$238,328	\$248,620	\$227,667
Waseca	\$206,768	\$242,712	\$240,552	\$250,590	\$230,409
Washington	\$98,237	\$114,849	\$113,729	\$118,631	\$109,214
Watonwan	\$222,508	\$260,057	\$257,743	\$268,498	\$246,875
Wilkin	\$390,107	\$456,101	\$453,345	\$472,263	\$434,229
Winona	\$264,654	\$293,616	\$291,087	\$303,233	\$278,299
Wright	\$489,906	\$572,751	\$567,654	\$592,325	\$542,969
Yellow Medicine	\$448,007	\$523,796	\$519,136	\$540,797	\$497,202
Total	\$31,172,061	\$36,430,535	\$36,150,423	\$37,697,085	\$34,735,739

Town Bridge Account – 16% of 5% Set-aside

Funding distributed to townships through the Town Bridge Account are allocated through two formulas. Thirty percent of the total allotment is provided to supplement county regular town bridge funds that cover the replacement of deficient bridges. These funds are available to all counties with deficient town bridges. The remaining 70 percent is distributed to counties based on their share of deficient township bridges statewide. The Town Bridge Account apportionment displayed in Table 7 complies with [Minn. Stat. 162.01](#).

Table 7: 5% set aside-Town Bridge 16%

Distribution by County of the 5% Set-Aside: Town Bridge Account - 16.0%					
County	2017	2018	2019	2020	2021
Total Available	\$11,446,790	\$12,643,344	\$12,540,483	\$13,842,864	\$12,755,419
Aitkin	\$32,864	\$59,954	\$48,515	\$88,829	\$146,321
Anoka	\$0	\$0	\$0	\$0	\$0
Becker	\$21,823	\$27,445	\$28,800	\$41,145	\$43,979
Beltrami	\$0	\$0	\$21,292	\$30,418	\$0
Benton	\$58,538	\$73,618	\$77,254	\$186,224	\$141,205
Big Stone	\$0	\$19,800	\$20,777	\$29,683	\$31,728
Blue Earth	\$41,238	\$51,836	\$0	\$0	\$0
Brown	\$106,464	\$77,766	\$48,846	\$117,784	\$104,923
Carlton	\$106,167	\$133,517	\$167,884	\$189,800	\$232,718
Carver	\$277,937	\$349,537	\$260,081	\$278,667	\$88,084
Cass	\$38,262	\$17,643	\$18,515	\$26,450	\$28,272
Chippewa	\$490,450	\$536,782	\$460,529	\$390,757	\$465,240
Chisago	\$69,290	\$62,832	\$115,821	\$141,916	\$107,713
Clay	\$218,975	\$233,531	\$274,216	\$499,942	\$514,540
Clearwater	\$0	\$0	\$0	\$36,002	\$57,801
Cook	\$0	\$0	\$0	\$0	\$0
Cottonwood	\$196,355	\$222,574	\$179,632	\$336,911	\$194,126
Crow Wing	\$53,918	\$67,808	\$71,157	\$99,687	\$91,181
Dakota	\$90,020	\$113,210	\$133,360	\$132,655	\$99,146
Dodge	\$96,327	\$134,337	\$154,983	\$278,941	\$417,669
Douglas	\$22,914	\$0	\$0	\$0	\$0
Faribault	\$440,257	\$504,575	\$579,404	\$728,817	\$920,028
Fillmore	\$677,043	\$849,496	\$891,453	\$788,439	\$0
Freeborn	\$0	\$0	\$0	\$95,221	\$21,833
Goodhue	\$409,761	\$668,923	\$673,940	\$633,764	\$656,853
Grant	\$95,302	\$98,960	\$0	\$0	\$0
Hennepin	\$0	\$0	\$0	\$0	\$0
Houston	\$439,908	\$469,353	\$460,062	\$414,401	\$253,598
Hubbard	\$13,989	\$17,593	\$18,462	\$19,781	\$40,149
Isanti	\$0	\$0	\$0	\$0	\$0
Itasca	\$20,234	\$264,678	\$269,509	\$94,753	\$0
Jackson	\$193,036	\$224,810	\$293,489	\$390,289	\$381,306

Distribution by County of the 5% Set-Aside: Town Bridge Account - 16.0%					
County	2017	2018	2019	2020	2021
Total Available	\$11,446,790	\$12,643,344	\$12,540,483	\$13,842,864	\$12,755,419
Kanabec	\$23,070	\$29,013	\$30,446	\$0	\$38,639
Kandiyohi	\$122,315	\$137,554	\$144,348	\$221,188	\$161,407
Kittson	\$124,288	\$122,679	\$128,738	\$121,150	\$103,265
Koochiching	\$8,184	\$10,292	\$0	\$0	\$0
Lac Qui Parle	\$223,551	\$235,587	\$324,778	\$411,861	\$551,156
Lake	\$0	\$0	\$0	\$0	\$0
Lake of the Woods	\$18,628	\$41,559	\$72,238	\$79,319	\$64,365
Le Sueur	\$0	\$61,927	\$64,986	\$74,986	\$0
Lincoln	\$311,789	\$369,332	\$313,645	\$309,169	\$293,748
Lyon	\$129,899	\$67,544	\$127,915	\$197,896	\$357,289
McLeod	\$97,897	\$0	\$0	\$0	\$52,720
Mahnomen	\$63,354	\$79,675	\$83,610	\$110,973	\$182,545
Marshall	\$167,959	\$146,732	\$189,860	\$262,849	\$346,847
Martin	\$282,296	\$0	\$0	\$511,525	\$0
Meeker	\$0	\$0	\$0	\$0	\$135,315
Mille Lacs	\$0	\$0	\$0	\$0	\$0
Morrison	\$254,484	\$98,803	\$237,051	\$88,309	\$61,355
Mower	\$712,029	\$838,311	\$633,644	\$663,882	\$827,620
Murray	\$179,485	\$225,723	\$245,113	\$223,103	\$118,934
Nicollet	\$0	\$0	\$12,960	\$18,515	\$19,791
Nobles	\$45,415	\$82,599	\$86,679	\$148,481	\$79,320
Norman	\$100,676	\$78,790	\$0	\$0	\$51,950
Olmsted	\$10,867	\$13,666	\$0	\$0	\$38,905
Otter Tail	\$39,449	\$14,686	\$15,412	\$32,624	\$70,997
Pennington	\$0	\$0	\$0	\$0	\$0
Pine	\$25,474	\$32,036	\$33,618	\$38,792	\$41,464
Pipestone	\$312,032	\$318,431	\$311,906	\$581,071	\$874,983
Polk	\$151,129	\$156,054	\$177,133	\$274,568	\$187,141
Pope	\$34,348	\$43,197	\$45,330	\$0	\$0
Ramsey	\$0	\$0	\$0	\$0	\$0
Red Lake	\$44,503	\$55,968	\$58,732	\$38,353	\$40,995
Redwood	\$760,870	\$867,746	\$822,451	\$956,902	\$0
Renville	\$353,599	\$399,011	\$459,237	\$475,909	\$687,231
Rice	\$22,501	\$0	\$0	\$25,636	\$71,067
Rock	\$118,579	\$157,577	\$91,518	\$78,877	\$55,941
Roseau	\$112,073	\$140,944	\$156,972	\$125,752	\$111,099
St. Louis	\$766,047	\$731,832	\$594,899	\$194,279	\$388,812
Scott	\$15,588	\$19,603	\$20,572	\$29,389	\$31,414
Sherburne	\$0	\$0	\$22,253	\$0	\$0
Sibley	\$90,555	\$141,371	\$75,825	\$81,244	\$125,341

Distribution by County of the 5% Set-Aside: Town Bridge Account - 16.0%					
County	2017	2018	2019	2020	2021
Total Available	\$11,446,790	\$12,643,344	\$12,540,483	\$13,842,864	\$12,755,419
Stearns	\$28,760	\$36,168	\$37,955	\$106,813	\$102,006
Steele	\$214,591	\$216,355	\$230,126	\$65,348	\$224,582
Stevens	\$21,355	\$26,857	\$28,183	\$0	\$0
Swift	\$88,530	\$99,383	\$23,737	\$97,730	\$140,078
Todd	\$77,085	\$43,982	\$0	\$0	\$40,995
Traverse	\$69,809	\$87,792	\$92,128	\$76,652	\$81,932
Wabasha	\$31,658	\$62,832	\$65,935	\$17,662	\$47,151
Wadena	\$112,574	\$0	\$225,093	\$0	\$0
Waseca	\$25,315	\$82,952	\$87,049	\$146,090	\$107,364
Washington	\$0	\$0	\$0	\$0	\$0
Watsonwan	\$246,825	\$280,386	\$185,442	\$140,237	\$111,797
Wilkin	\$199,347	\$242,132	\$254,091	\$186,305	\$0
Winona	\$75,991	\$95,567	\$100,288	\$144,006	\$119,685
Wright	\$117,238	\$147,438	\$126,926	\$0	\$0
Yellow Medicine	\$203,707	\$222,680	\$233,680	\$414,143	\$569,760
Total	\$11,446,790	\$12,643,344	\$12,540,483	\$13,842,864	\$12,755,419

95 percent 'Regular Distribution'

As indicated earlier, 95 percent of the HUTD fund revenues are distributed through the regular distribution to the three funds within the HUTD fund: the state Trunk Highway fund, the County State Aid Highway Fund and the Municipal State Aid Street fund.

Table 8 shows the percentage distribution and function of the three HUTD-supported funds.

Table 8: 95% Regular Distribution for General Allocation

Share of 95% Regular Distribution	Destination Fund	Use
62%	State Trunk Highway fund	Trunk highway construction, maintenance and administration.
29%	County State Aid Highway (CSAH) fund	County roads in the state-aid system; apportioned to counties based on two statutory formulas. Minn. Stat. 162.07 .
9%	Municipal State Aid Street (MSAS) fund	City streets in the state-aid system; apportioned to cities based on a statutory formula. Minn. Stat. 162.13 .

State Trunk Highway Fund – 62% of 95% regular distribution

The 62% allocation to the Trunk Highway fund is distributed through MnDOT's State Road Construction programming process in partnership with local Area Transportation Partnerships and MnDOT district offices. Table 9 displays the SRC Road Construction Expenditures by county and per capita for the years 2016-2020.

Table 9: 2016-2022 SRC Road Construction Expenditures by County and Per Capita

Trunk Highway Apportionment: State Road Construction Program										
	2016		2017		2018		2019		2020	
County	SRC	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Aitkin	\$217,206	\$14	\$245,138	\$15	\$3,777,783	\$238	\$5,528,162	\$348	\$8,662,323	\$553
Anoka	\$6,285,179	\$18	\$4,661,570	\$13	\$9,503,166	\$27	\$35,960,812	\$99	\$32,295,132	\$90
Becker	\$16,720,108	\$496	\$6,111,901	\$179	\$9,006,446	\$262	\$6,290,312	\$182	\$2,742,269	\$79
Beltrami	\$4,912,000	\$107	\$2,686,119	\$58	\$8,136,920	\$174	\$3,274,201	\$69	\$4,620,960	\$98
Benton	\$10,241,450	\$258	\$969,794	\$24	\$5,305,125	\$131	\$316,653	\$8	\$550,805	\$13
Big Stone	\$107,727	\$22	\$2,690,680	\$535	\$1,682,890	\$337	\$1,508,821	\$302	\$991,894	\$203
Blue Earth	\$4,164,695	\$63	\$3,776,548	\$56	\$12,152,141	\$179	\$13,503,302	\$197	\$3,461,977	\$51
Brown	\$1,531,640	\$61	\$6,099,089	\$242	\$20,981,608	\$828	\$17,697,691	\$705	\$4,360,460	\$175
Carlton	\$8,489,983	\$239	\$12,034,903	\$338	\$11,861,748	\$330	\$4,013,507	\$112	\$3,693,396	\$103
Carver	\$12,441,893	\$124	\$3,220,329	\$31	\$1,830,099	\$17	\$15,368,143	\$143	\$9,958,055	\$93
Cass	\$13,848,576	\$477	\$2,746,728	\$94	\$5,660,603	\$192	\$4,572,451	\$154	\$5,952,916	\$201
Chippewa	\$1,132,497	\$94	\$2,805,329	\$233	\$5,149,070	\$430	\$787,372	\$66	\$15,160,599	\$1,287
Chisago	\$4,734,696	\$87	\$13,452,744	\$243	\$4,474,087	\$80	\$8,981,214	\$159	\$22,051,146	\$395
Clay	\$10,348,094	\$164	\$15,975,017	\$250	\$6,701,994	\$105	\$1,032,932	\$16	\$1,060,205	\$16
Clearwater	\$122,823	\$14	\$923,274	\$104	\$1,376,113	\$156	\$4,389,065	\$498	\$1,404,778	\$158
Cook	\$2,533,604	\$477	\$2,490,721	\$462	\$686,506	\$127	\$1,641,883	\$301	\$2,708,265	\$499
Cottonwood	\$5,072,509	\$446	\$5,112,348	\$452	\$12,380,121	\$1,096	\$9,480,061	\$845	\$4,940,102	\$444
Crow Wing	\$18,530,985	\$291	\$32,741,236	\$507	\$13,860,638	\$213	\$8,551,785	\$131	\$14,545,860	\$224
Dakota	\$15,717,364	\$38	\$12,483,283	\$30	\$28,140,026	\$66	\$43,162,488	\$100	\$58,360,291	\$135
Dodge	\$3,332,390	\$162	\$2,618,869	\$126	\$1,904,264	\$91	\$3,436,002	\$164	\$17,968,850	\$858
Douglas	\$11,150,200	\$300	\$8,984,362	\$239	\$17,613,721	\$463	\$14,655,999	\$383	\$6,622,288	\$173
Faribault	\$10,041,519	\$724	\$841,495	\$62	\$803,831	\$59	\$7,514,627	\$553	\$15,772,658	\$1,167
Fillmore	\$4,989,533	\$239	\$4,095,983	\$195	\$2,610,718	\$124	\$4,308,705	\$205	\$8,684,027	\$413
Freeborn	\$24,533,266	\$807	\$106,327	\$3	\$1,773,223	\$58	\$12,561,498	\$414	\$20,577,910	\$683
Goodhue	\$12,380,733	\$268	\$12,788,589	\$275	\$32,213,002	\$692	\$10,834,897	\$233	\$20,374,574	\$439

Trunk Highway Apportionment: State Road Construction Program

	2016		2017		2018		2019		2020	
County	SRC	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Grant	\$5,241,580	\$883	\$2,742,774	\$465	\$1,711,920	\$287	\$2,647,486	\$444	\$5,805,057	\$978
Hennepin	\$198,509,088	\$161	\$169,142,590	\$135	\$131,911,949	\$105	\$208,562,507	\$163	\$191,682,757	\$148
Houston	\$875,219	\$47	\$3,766,573	\$201	\$958,798	\$51	\$165,218	\$9	\$21,284	\$1
Hubbard	\$1,202,094	\$58	\$138,849	\$7	\$2,969,670	\$139	\$2,773,614	\$129	\$5,258,851	\$247
Isanti	\$2,351,419	\$61	\$590,999	\$15	\$12,037,117	\$301	\$1,551,378	\$38	\$2,254,996	\$56
Itasca	\$3,518,212	\$78	\$3,483,208	\$77	\$17,245,092	\$382	\$12,112,932	\$268	\$12,442,708	\$275
Jackson	\$27,169,574	\$2,726	\$7,734,730	\$777	\$1,634,376	\$165	\$3,268,182	\$332	\$6,717,625	\$682
Kanabec	\$95,365	\$6	\$546,322	\$34	\$417,588	\$26	\$1,914,886	\$117	\$3,219,642	\$201
Kandiyohi	\$3,688,019	\$87	\$9,328,265	\$218	\$5,797,083	\$135	\$11,546,761	\$267	\$16,330,877	\$380
Kittson	\$169,561	\$39	\$4,495,252	\$1,055	\$8,409,663	\$1,974	\$292,983	\$68	\$934,712	\$224
Koochiching	\$9,905,169	\$786	\$5,056,717	\$400	\$3,036,345	\$240	\$6,844,296	\$551	\$11,081,266	\$909
Lac qui Parle	\$1,248,459	\$185	\$279,367	\$42	\$25,995	\$4	\$1,118,430	\$169	\$391,525	\$61
Lake	\$299,723	\$28	\$1,608,049	\$153	\$4,525,989	\$427	\$13,907,816	\$1,308	\$3,436,308	\$329
Lake of the Woods	\$1,455,830	\$384	\$9,449,192	\$2,485	\$1,144,556	\$301	\$4,854,825	\$1,278	\$9,419,085	\$2,578
Le Sueur	\$8,900,711	\$321	\$7,851,111	\$282	\$7,563,218	\$266	\$2,690,741	\$93	\$7,204,288	\$254
Lincoln	\$1,429,428	\$251	\$2,524,154	\$442	\$184,004	\$32	\$85,345	\$15	\$2,165,973	\$386
Lyon	\$6,514,359	\$251	\$2,791,104	\$108	\$4,310,026	\$168	\$3,569,032	\$139	\$9,838,132	\$381
Mahnomen	\$3,026,852	\$551	\$925,692	\$166	\$1,086,064	\$197	\$2,604,526	\$471	\$5,840,061	\$1,052
Marshall	\$2,186	\$0	\$6,328,166	\$677	\$6,233,688	\$664	\$307,328	\$33	\$492,613	\$53
Martin	\$9,193,446	\$462	\$1,080,964	\$54	\$1,331,707	\$67	\$1,812,303	\$92	\$3,485,773	\$179
McLeod	\$7,869,697	\$220	\$2,871,994	\$80	\$12,799,974	\$356	\$2,315,676	\$64	\$19,620,422	\$552
Meeker	\$7,395,028	\$321	\$4,833,818	\$209	\$3,854,465	\$166	\$6,023,207	\$259	\$8,387,869	\$365
Mille Lacs	\$9,845,590	\$385	\$8,699,466	\$336	\$1,681,815	\$64	\$924,155	\$35	\$2,461,182	\$95
Morrison	\$532,791	\$16	\$2,967,568	\$90	\$3,307,998	\$100	\$3,591,511	\$108	\$6,855,592	\$208
Mower	\$1,151,450	\$29	\$5,450,900	\$138	\$7,253,920	\$181	\$2,233,612	\$56	\$5,453,573	\$136
Murray	\$3,197,548	\$385	\$1,496,854	\$179	\$1,842,049	\$222	\$364,098	\$44	\$6,840,428	\$839
Nicollet	\$31,271,002	\$927	\$34,995,637	\$1,033	\$7,247,061	\$212	\$20,947,012	\$610	\$8,915,073	\$258

Trunk Highway Apportionment: State Road Construction Program

	2016		2017		2018		2019		2020	
County	SRC	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Nobles	\$11,052,043	\$503	\$8,604,599	\$392	\$2,972,498	\$135	\$2,047,241	\$93	\$10,471,974	\$475
Norman	\$3,210,688	\$492	\$1,646,256	\$249	\$159,316	\$24	\$654,236	\$103	\$13,478,051	\$2,105
Olmsted	\$26,387,284	\$172	\$9,233,792	\$59	\$2,600,212	\$17	\$13,999,976	\$87	\$15,099,566	\$95
Otter Tail	\$12,053,314	\$208	\$5,237,598	\$90	\$4,022,425	\$68	\$7,217,143	\$123	\$4,247,301	\$72
Pennington	\$1,693,046	\$119	\$658,487	\$46	\$1,685,856	\$118	\$3,959,174	\$276	\$1,858,342	\$130
Pine	\$18,314,236	\$635	\$22,043,804	\$755	\$15,856,276	\$538	\$23,245,376	\$787	\$8,832,609	\$305
Pipestone	\$4,925,949	\$536	\$3,043,312	\$333	\$2,638,859	\$290	\$957,537	\$105	\$58,247	\$7
Polk	\$10,005,588	\$315	\$6,010,865	\$189	\$11,499,153	\$364	\$22,356,845	\$709	\$10,206,152	\$323
Pope	\$485,499	\$44	\$798,975	\$73	\$3,051,444	\$276	\$10,973,618	\$985	\$8,001,702	\$724
Ramsey	\$154,582,623	\$285	\$144,524,365	\$265	\$94,010,833	\$170	\$67,480,173	\$121	\$98,681,226	\$175
Red Lake	\$1,158,336	\$290	\$22,150	\$6	\$386,172	\$97	\$1,686,438	\$418	\$337,667	\$85
Redwood	\$1,935,735	\$127	\$4,171,453	\$273	\$3,115,019	\$204	\$10,994,949	\$723	\$2,136,270	\$144
Renville	\$961,517	\$66	\$1,443,323	\$98	\$1,449,081	\$99	\$458,375	\$31	\$1,171,138	\$83
Rice	\$2,700,378	\$41	\$1,371,249	\$21	\$2,935,598	\$44	\$13,108,859	\$196	\$3,537,060	\$53
Rock	\$134,513	\$14	\$2,572,876	\$271	\$10,072,220	\$1,068	\$856,695	\$92	\$192,831	\$21
Roseau	\$4,853,028	\$312	\$280,271	\$18	\$92,295	\$6	\$228,481	\$15	\$292,040	\$19
Saint Louis	\$109,017,283	\$545	\$110,105,347	\$551	\$75,736,715	\$378	\$33,398,462	\$167	\$52,513,215	\$263
Scott	\$14,389,879	\$100	\$4,739,928	\$33	\$14,535,955	\$99	\$36,740,113	\$247	\$20,536,508	\$135
Sherburne	\$6,939,927	\$74	\$9,779,249	\$103	\$11,775,883	\$122	\$13,824,638	\$142	\$1,812,274	\$19
Sibley	\$7,412,441	\$500	\$398,218	\$27	\$386,993	\$26	\$2,024,126	\$136	\$1,319,060	\$89
Stearns	\$14,879,469	\$95	\$15,088,045	\$96	\$5,784,106	\$36	\$11,398,190	\$71	\$27,219,860	\$168
Steele	\$27,731,923	\$756	\$12,597,675	\$342	\$20,942,987	\$567	\$13,356,544	\$360	\$3,239,397	\$88
Stevens	\$4,056,514	\$415	\$6,030,005	\$619	\$1,011,248	\$104	\$1,621,861	\$166	\$239,676	\$24
Swift	\$1,520,594	\$161	\$8,100,259	\$860	\$8,184,253	\$873	\$2,818,643	\$301	\$672,663	\$73
Todd	\$451,244	\$19	\$1,747,364	\$71	\$4,118,351	\$168	\$620,966	\$25	\$719,893	\$30
Traverse	\$124,360	\$37	\$1,219,752	\$366	\$602,363	\$182	\$5,591,752	\$1,714	\$2,273,180	\$705
Wabasha	\$7,879,165	\$368	\$2,103,617	\$98	\$1,919,130	\$89	\$7,897,098	\$365	\$23,336,607	\$1,085

Trunk Highway Apportionment: State Road Construction Program

	2016		2017		2018		2019		2020	
County	SRC	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Wadena	\$478,231	\$35	\$707,292	\$52	\$1,422,246	\$103	\$3,751,832	\$273	\$6,807,542	\$499
Waseca	\$15,537,880	\$827	\$7,235,525	\$385	\$8,450,347	\$451	\$4,027,717	\$216	\$1,066,963	\$58
Washington	\$94,931,318	\$376	\$46,556,245	\$181	\$27,234,597	\$104	\$68,020,744	\$259	\$47,378,495	\$180
Watsonwan	\$6,922,697	\$630	\$5,170,602	\$477	\$10,793,134	\$985	\$25,307,461	\$2,317	\$9,584,277	\$883
Wilkin	\$11,542,734	\$1,826	\$4,493,096	\$708	\$1,683,178	\$267	\$1,426,389	\$229	\$2,115,418	\$343
Winona	\$95,768,910	\$1,884	\$36,748,496	\$724	\$39,974,437	\$787	\$25,563,633	\$503	\$26,881,025	\$532
Wright	\$14,614,049	\$110	\$11,354,598	\$85	\$8,785,592	\$64	\$17,731,549	\$128	\$38,175,993	\$275
Yellow Medicine	\$9,428,518	\$954	\$1,600,840	\$163	\$719,126	\$73	\$4,861,466	\$503	\$17,609,777	\$1,839
Total	\$1,247,720,984	\$339	\$959,282,219	\$272	\$870,715,868	\$261	\$1,018,610,742	\$305	\$1,106,183,406	\$373
Statewide/ Unattributable	\$69,433,717		\$47,867,459		\$59,134,112		\$63,917,115		\$60,144,853	
% Unattributable	2.7%		2.4%		3.3%		3.0%		2.6%	

To support the state's system of local highways, streets, roads and bridges, MnDOT distributes funds for highway maintenance and construction to counties, cities and townships based on state aid formulas contained in the Minnesota Constitution, created when an amendment on the matter was passed in 1956. For FY 2021, MnDOT distributed over \$957 million to local governments from the HUTD fund.

The state aid funding provided to each county or city each year is based on distribution formulas established by statute and local county and city screening boards. The County State Aid Highway formula is based on equalization (meaning that a portion of the aid is distributed equally to each county), vehicle registration, lanes miles and construction needs. The Municipal State Aid Streets formula is based on population and construction needs.

County State Aid Highway – 29% of 95% regular distribution

The county state-aid highway system is a collection of key highways under county jurisdiction. It covers roughly 30,600 centerline miles throughout all Minnesota counties, composing over two-thirds of county highway miles. Counties use the state aid funds that they receive for reconstruction/construction and maintenance activities on their state aid routes.

CSAH funds are distributed through two channels: 68 percent is distributed through the “apportionment sum” and 32 percent is distributed through the “excess sum.” Each is allocated among the counties through the following formulas specified in [Minn. Stat. 162.07](#).

The apportionment sum to counties is distributed through the following formula: ([Minn. Stat. 162.07](#).)

- 10 percent of the apportionment sum is divided equally to each of the 87 counties.
- 10 percent is proportional based on the number of motor vehicles registered in each county compared to the total for all counties.
- 30 percent is proportional based on a county's state aid lane-miles.
- 50 percent is proportional based on construction needs for each county. The needs calculation is designed to enable comparisons of need across counties. It does not identify total costs to bring county state-aid highways up to state standards. Calculations submitted by counties are reviewed by a screening board composed of county engineers.

The excess sum, created in 2008 to manage increased funding due to transportation finance changes made over 2006 to 2008, is distributed as follows ([Minn. Stat. 162.07](#)):

- 60 percent in proportion to each county's share of construction needs.
- 40 percent in proportion to each county's share of the total number of motor vehicles registered.

In addition, the Legislature passed a 6.5% Motor Vehicle Lease Sales Tax that is imposed in the Twin Cities metro area counties of Anoka, Carver, Dakota, Scott and Washington. This tax revenue is distributed along with the core CSAH amounts, however, the direct revenue from this tax is shown in Table 10. The allocation of this portion of CSAH Aid is based on population. ([Minn. Stat. 297A.815](#))

Table 10: Vehicle Lease Sales Tax-CSAH

Total Vehicle Lease Sales Tax Available for Distribution by Eligible County (Built into CSAH Distribution)					
County	2017	2018	2019	2020	2021
Anoka	\$9,150,647	\$10,978,881	\$10,424,095	\$10,300,579	\$8,310,573
Carver	\$2,621,710	\$3,168,506	\$3,040,206	\$3,050,298	\$2,456,153
Dakota	\$10,998,938	\$13,176,217	\$12,490,330	\$12,335,848	\$9,929,706
Scott	\$3,738,880	\$4,485,239	\$4,277,446	\$4,205,739	\$3,402,118
Washington	<u>\$6,660,951</u>	<u>\$7,970,878</u>	<u>\$7,593,422</u>	<u>\$7,527,504</u>	<u>\$6,021,229</u>
Subtotal	\$33,171,126	\$39,779,721	\$37,825,499	\$37,419,968	\$30,119,779

It is important to distinguish between the distribution of HUTD funds and actual spending. MnDOT and Minnesota local governments conduct their project selection and programming processes based on dollars distributed from the HUTD fund. As projects are undertaken and completed, cost adjustments are made and more precise 'spending' data becomes available for reporting purposes.

Table 11 displays the CSAH fund overall distribution to each county and on a per capita basis. Once again, these figures include revenues to five Twin Cities metro area counties that impose a 6.5% tax on rental vehicles.

Table 11: Overall Distribution to Each County Per Capita Basis

CSAH Apportionment: Construction and Maintenance Allotments										
	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Aitkin	\$4,870,032	308	\$5,249,278	330	\$5,269,006	332	\$5,888,296	376	\$5,325,102	341
Anoka	\$19,482,541	55	\$20,627,264	58	\$20,708,748	57	\$21,892,364	61	\$19,802,710	55
Becker	\$5,748,254	169	\$6,383,466	185	\$6,563,338	190	\$7,480,699	215	\$6,770,361	194
Beltrami	\$6,986,323	150	\$7,848,477	168	\$7,876,279	167	\$8,661,605	183	\$7,826,982	165
Benton	\$4,131,574	103	\$4,401,329	109	\$4,418,515	108	\$4,689,690	115	\$4,248,875	103
Big Stone	\$3,055,369	608	\$3,365,476	673	\$3,385,660	678	\$3,710,139	760	\$3,397,893	702
Blue Earth	\$8,700,582	129	\$9,227,173	136	\$9,257,819	135	\$10,858,116	160	\$9,798,505	143
Brown	\$4,734,243	188	\$5,751,004	227	\$5,771,626	230	\$6,181,078	248	\$5,634,299	227
Carlton	\$5,410,732	152	\$5,829,903	162	\$5,850,567	163	\$6,193,465	173	\$5,730,477	160
Carver	\$7,006,464	68	\$7,895,863	75	\$7,921,604	74	\$9,290,204	87	\$8,392,489	77
Cass	\$6,092,877	208	\$6,544,143	222	\$6,569,992	221	\$7,124,381	241	\$6,691,195	225
Chippewa	\$3,055,369	254	\$3,482,454	291	\$3,496,105	295	\$3,840,883	326	\$3,672,108	314
Chisago	\$6,397,114	116	\$6,776,199	121	\$6,791,787	120	\$7,171,706	128	\$6,486,181	116
Clay	\$5,647,755	89	\$6,624,939	104	\$6,650,278	103	\$7,161,893	109	\$6,528,571	99
Clearwater	\$3,669,808	413	\$4,327,864	491	\$4,343,900	493	\$4,699,112	529	\$4,251,548	477
Cook	\$3,174,963	589	\$3,365,476	624	\$3,385,660	620	\$3,710,139	683	\$3,397,893	623
Cottonwood	\$3,435,417	303	\$4,141,282	367	\$4,257,292	380	\$4,788,805	430	\$4,628,556	418
Crow Wing	\$6,812,591	106	\$7,275,564	112	\$7,304,392	112	\$7,758,334	119	\$7,031,489	108
Dakota	\$16,940,958	40	\$18,083,818	42	\$18,157,382	42	\$19,893,080	46	\$18,830,647	43
Dodge	\$4,214,152	203	\$4,968,350	238	\$4,985,260	238	\$5,251,893	251	\$4,745,956	226
Douglas	\$5,644,792	150	\$6,799,643	179	\$6,824,615	179	\$8,125,176	212	\$7,353,623	191
Faribault	\$4,949,951	362	\$5,938,966	435	\$5,959,520	439	\$6,936,008	513	\$6,393,172	477
Fillmore	\$6,309,851	301	\$6,656,183	316	\$6,678,866	317	\$7,608,805	362	\$6,870,397	327
Freeborn	\$6,016,251	197	\$7,381,085	242	\$7,406,321	244	\$8,192,083	272	\$7,399,730	246
Goodhue	\$6,432,705	138	\$6,824,175	147	\$6,848,360	147	\$7,341,404	158	\$6,643,489	143

CSAH Apportionment: Construction and Maintenance Allotments

	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Grant	\$3,055,369	518	\$3,365,476	563	\$3,385,660	567	\$3,710,139	625	\$3,397,893	573
Hennepin	\$43,222,435	35	\$45,880,050	36	\$46,024,095	36	\$48,823,122	38	\$44,225,155	34
Houston	\$4,612,686	246	\$4,897,506	262	\$4,913,931	264	\$5,174,635	280	\$4,675,514	254
Hubbard	\$4,210,744	200	\$4,719,286	221	\$4,737,498	220	\$5,250,642	247	\$4,752,718	222
Isanti	\$4,062,365	103	\$4,351,224	109	\$4,368,636	108	\$4,825,042	121	\$4,473,676	111
Itasca	\$9,943,290	219	\$10,503,466	232	\$10,539,739	233	\$11,109,848	246	\$10,042,950	222
Jackson	\$4,945,061	497	\$5,412,367	545	\$5,564,110	564	\$6,780,023	688	\$6,593,862	673
Kanabec	\$3,055,369	191	\$3,528,680	218	\$3,542,020	217	\$4,032,603	252	\$3,684,030	231
Kandiyohi	\$6,549,897	153	\$7,247,842	169	\$7,274,346	168	\$7,839,761	183	\$7,353,072	171
Kittson	\$3,589,300	842	\$4,040,949	949	\$4,056,770	944	\$4,345,691	1,042	\$3,936,307	954
Koochiching	\$4,945,809	391	\$5,552,046	440	\$5,608,979	451	\$6,315,261	518	\$5,870,383	486
Lac qui Parle	\$3,407,360	510	\$4,100,527	616	\$4,209,898	635	\$5,103,115	789	\$4,703,711	737
Lake	\$4,346,700	413	\$4,573,735	432	\$4,588,229	432	\$4,823,340	462	\$4,354,439	419
Lake of the Woods	\$3,272,400	861	\$3,640,278	958	\$3,653,013	962	\$3,982,550	1,090	\$3,685,771	1,020
Le Sueur	\$4,990,531	179	\$5,461,878	192	\$5,512,647	191	\$6,846,048	242	\$6,424,962	226
Lincoln	\$3,055,369	535	\$3,421,838	603	\$3,489,406	618	\$4,032,281	719	\$3,646,457	653
Lyon	\$4,203,492	163	\$5,096,751	198	\$5,115,487	200	\$5,583,768	216	\$5,075,344	197
Mahnomen	\$4,657,351	130	\$5,320,723	148	\$5,340,228	148	\$6,048,470	1,089	\$5,696,036	1,024
Marshall	\$3,055,369	548	\$3,365,476	609	\$3,385,660	612	\$3,710,139	397	\$3,397,893	364
Martin	\$5,286,391	565	\$6,284,159	670	\$6,309,211	675	\$6,872,110	353	\$6,224,441	322
McLeod	\$5,383,123	271	\$6,635,707	335	\$6,657,639	337	\$7,010,245	197	\$6,587,965	186
Meeker	\$3,959,894	171	\$4,218,752	182	\$4,278,273	184	\$4,764,176	207	\$4,474,318	195
Mille Lacs	\$4,659,008	180	\$4,931,767	189	\$4,949,800	189	\$5,234,518	203	\$4,736,496	184
Morrison	\$6,493,073	196	\$6,892,600	208	\$6,918,261	207	\$7,322,639	222	\$6,627,772	202
Mower	\$5,562,955	140	\$6,798,247	170	\$6,821,688	170	\$7,557,835	189	\$6,835,861	171
Murray	\$3,784,152	454	\$4,585,639	553	\$4,595,385	559	\$5,213,032	640	\$4,964,912	614
Nicollet	\$4,563,542	135	\$4,830,996	141	\$4,848,173	141	\$5,119,963	148	\$4,680,136	135

CSAH Apportionment: Construction and Maintenance Allotments

	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Nobles	\$4,886,604	222	\$5,981,962	272	\$6,149,251	280	\$6,906,892	313	\$6,609,420	299
Norman	\$4,014,109	608	\$4,542,822	697	\$4,560,107	716	\$4,952,828	773	\$4,482,562	704
Olmsted	\$8,238,258	53	\$8,859,253	56	\$8,870,909	55	\$9,426,174	59	\$8,623,425	54
Otter Tail	\$12,400,667	213	\$13,137,089	224	\$13,184,578	224	\$15,429,379	262	\$13,935,434	236
Pennington	\$3,163,477	221	\$3,410,816	239	\$3,423,709	239	\$3,736,582	262	\$3,397,893	238
Pine	\$7,904,681	271	\$8,333,559	283	\$8,360,982	283	\$8,791,620	303	\$7,941,705	275
Pipestone	\$3,055,369	335	\$3,676,396	404	\$3,689,479	404	\$4,119,168	462	\$3,842,618	435
Polk	\$8,239,340	260	\$9,054,384	286	\$9,089,101	288	\$9,846,036	311	\$9,010,935	285
Pope	\$3,549,708	324	\$4,249,050	385	\$4,264,765	383	\$4,718,690	427	\$4,345,947	393
Ramsey	\$19,463,146	36	\$20,634,124	37	\$20,713,555	37	\$21,976,016	39	\$19,911,057	35
Red Lake	\$3,055,369	763	\$3,365,476	845	\$3,385,660	840	\$3,710,139	935	\$3,397,893	859
Redwood	\$4,918,540	322	\$5,567,891	365	\$5,662,538	372	\$6,361,422	428	\$5,831,314	395
Renville	\$5,635,397	384	\$6,003,614	409	\$6,191,920	424	\$7,456,423	525	\$6,891,362	491
Rice	\$5,864,307	89	\$6,524,939	98	\$6,548,716	98	\$6,971,227	104	\$6,525,990	97
Rock	\$3,311,757	349	\$4,027,259	427	\$4,045,633	432	\$4,781,238	514	\$4,587,835	495
Roseau	\$5,306,854	343	\$5,639,512	368	\$5,661,541	371	\$6,325,854	414	\$5,726,192	376
Saint Louis	\$29,282,714	146	\$30,740,074	154	\$30,835,794	154	\$32,341,386	162	\$29,183,081	146
Scott	\$9,888,101	68	\$10,469,381	72	\$10,499,684	71	\$11,069,372	73	\$10,004,768	65
Sherburne	\$5,595,504	59	\$6,150,378	64	\$6,176,884	63	\$6,669,994	69	\$6,055,244	62
Sibley	\$3,475,310	234	\$4,214,598	281	\$4,338,038	291	\$5,305,477	359	\$5,132,251	348
Stearns	\$12,784,911	81	\$13,613,759	85	\$13,666,216	85	\$14,764,677	91	\$13,526,050	83
Steele	\$5,581,345	152	\$6,412,890	174	\$6,434,282	173	\$6,772,886	184	\$6,118,721	166
Stevens	\$3,055,369	313	\$3,365,476	348	\$3,385,660	347	\$3,821,470	390	\$3,487,216	356
Swift	\$3,446,871	366	\$4,161,928	444	\$4,267,013	456	\$4,874,718	529	\$4,473,287	489
Todd	\$4,210,534	172	\$5,020,268	204	\$5,040,810	204	\$5,909,945	243	\$5,543,243	229
Traverse	\$3,055,369	917	\$3,365,476	1,015	\$3,385,660	1,038	\$3,710,139	1,151	\$3,397,893	1,064
Wabasha	\$4,688,621	219	\$5,291,215	245	\$5,312,682	246	\$5,622,532	262	\$5,081,841	237

CSAH Apportionment: Construction and Maintenance Allotments

	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Wadena	\$3,088,024	225	\$3,613,526	262	\$3,627,592	264	\$4,171,387	306	\$3,774,973	277
Waseca	\$3,510,920	187	4,244,299	227	\$4,357,669	234	\$5,333,983	287	\$4,999,173	271
Washington	\$11,228,886	44	\$11,979,897	46	\$12,027,873	46	\$12,803,167	49	\$11,621,084	44
Watsonwan	\$3,437,247	317	\$4,221,126	385	\$4,235,453	388	\$4,671,478	430	\$4,502,116	416
Wilkin	\$3,710,548	585	\$4,066,562	646	\$4,081,643	656	\$4,502,746	731	\$4,347,006	712
Winona	\$6,034,137	119	\$6,547,708	129	\$6,570,193	129	\$6,926,238	137	\$6,297,204	125
Wright	\$10,855,882	81	\$11,540,143	85	\$11,581,690	84	\$12,532,003	90	\$11,336,870	81
Yellow Medicine	\$3,790,020	384	\$4,450,598	454	\$4,575,574	470	\$5,377,035	562	\$4,880,756	514
Total	\$555,521,599		\$611,904,787		\$615,574,528		\$674,570,675		\$617,798,681	

Municipal State Aid Street Fund (95% Distribution x 9%)

The municipal state-aid street system is a collection of higher volume and key streets located across 148 Minnesota cities with a population of 5,000 or more. Eighty-four of these cities are within the Twin Cities metropolitan area. Cities have the authority to use their municipal state aid street construction funds on trunk highways and county state aid highways within their city; they also can use the funds on a wide range of items that meet the constitutional highway purpose standard, including paving, grading, sidewalks, trails, traffic signals, curb and gutter, bridges, storm sewer, street lighting, signs and other infrastructure. Half of the distribution is based on a city’s share of population compared to the population of all eligible cities; and half is based construction needs. ([Minn. Stat. 162.13](#)) The “needs” calculation under the aid formula is designed to enable comparisons of need across cities. It does not identify total costs to bring municipal state-aid streets up to state standards. Calculations submitted by cities are reviewed by a screening board composed of city engineers.

Table 12 displays the MSAS fund overall distribution that goes to eligible cities. Totals shown are for all MSAS cities in each count. For example, the Hennepin County total is the sum of MSAS funds to all its 26 MSAS cities, while the Sherburne County total includes all of its three MSAS cities. Thirty-eight Minnesota counties have no cities with 5,000 or more in population and so those counties show no MSAS funds received. As required, this table also breaks down the MSAS distribution to cities for each county on a per capita basis for each of the last five years.

Table 12: Total MSA Distributions for MSAS by County and Per Capita

MSAS Apportionment: Construction and Maintenance Allotments										
	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Aitkin	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Anoka	\$14,241,734	\$40	\$15,769,645	\$44	\$17,377,276	\$48	\$17,377,276	\$48	\$15,956,376	\$44
Becker	\$667,847	\$20	\$786,463	\$23	\$874,882	\$25	\$874,882	\$25	\$804,137	\$23
Beltrami	\$730,757	\$16	\$842,654	\$18	\$912,391	\$19	\$912,391	\$19	\$849,152	\$18
Benton	\$1,461,059	\$36	\$1,646,735	\$41	\$1,851,519	\$45	\$1,851,519	\$45	\$1,699,318	\$41
Big Stone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Blue Earth	\$1,981,572	\$29	\$2,222,688	\$33	\$2,439,768	\$36	\$2,439,768	\$36	\$2,234,409	\$33
Brown	\$714,786	\$28	\$766,018	\$30	\$809,988	\$32	\$809,988	\$33	\$733,836	\$30
Carlton	\$690,929	\$19	\$778,050	\$22	\$842,673	\$23	\$842,673	\$24	\$767,044	\$21
Carver	\$2,903,172	\$28	\$3,330,547	\$31	\$3,762,242	\$35	\$3,762,242	\$35	\$3,462,154	\$32
Cass	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chippewa	\$279,064	\$23	\$311,861	\$26	\$336,959	\$28	\$336,959	\$29	\$306,033	\$26
Chisago	\$1,483,804	\$27	\$1,634,273	\$29	\$1,724,711	\$30	\$1,724,711	\$31	\$1,581,047	\$28
Clay	\$2,426,368	\$38	\$2,642,613	\$41	\$2,919,582	\$45	\$2,919,582	\$45	\$2,664,939	\$40
Clearwater	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cook	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Cottonwood	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Crow Wing	\$1,311,366	\$20	\$1,450,395	\$22	\$1,603,334	\$25	\$1,603,334	\$25	\$1,479,626	\$23
Dakota	\$16,494,500	\$39	\$18,318,622	\$43	\$20,079,398	\$46	\$20,079,398	\$46	\$18,515,327	\$43
Dodge	\$256,742	\$12	\$285,549	\$14	\$320,323	\$15	\$320,323	\$15	\$291,948	\$14
Douglas	\$1,001,181	\$27	\$1,127,775	\$30	\$1,214,193	\$32	\$1,214,193	\$32	\$1,121,254	\$29
Faribault	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fillmore	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Freeborn	\$943,643	\$31	\$1,036,612	\$34	\$1,126,381	\$37	\$1,126,381	\$37	\$1,022,475	\$34
Goodhue	\$926,741	\$20	\$1,024,788	\$22	\$1,093,677	\$24	\$1,093,677	\$24	\$1,004,015	\$22

MSAS Apportionment: Construction and Maintenance Allotments

	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Grant	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Hennepin	\$48,724,191	\$39	\$54,215,368	\$43	\$59,403,427	\$46	\$59,403,427	\$46	\$54,543,435	\$42
Houston	\$223,956	\$12	\$241,512	\$13	\$251,605	\$14	\$251,605	\$14	\$228,717	\$12
Hubbard	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Isanti	\$707,984	\$18	\$823,148	\$21	\$1,235,914	\$30	\$1,235,914	\$31	\$916,684	\$23
Itasca	\$930,201	\$21	\$997,141	\$22	\$1,009,739	\$22	\$1,009,739	\$22	\$891,829	\$20
Jackson	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kanabec	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Kandiyohi	\$1,126,020	\$26	\$1,226,411	\$29	\$1,348,370	\$31	\$1,348,370	\$31	\$1,227,938	\$29
Kittson	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Koochiching	\$275,257	\$22	\$305,484	\$24	\$329,458	\$27	\$329,458	\$27	\$305,771	\$25
Lac qui Parle	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lake	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lake of the Woods	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Le Sueur	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lincoln	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Lyon	\$721,907	\$28	\$797,148	\$31	\$865,128	\$34	\$865,128	\$33	\$787,027	\$30
Mahnomen	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Marshall	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Martin	\$672,047	\$34	\$745,225	\$38	\$799,482	\$40	\$799,482	\$41	\$726,537	\$38
McLeod	\$1,018,270	\$28	\$1,165,818	\$32	\$1,271,955	\$35	\$1,271,955	\$36	\$1,155,841	\$33
Meeker	\$342,403	\$15	\$367,158	\$16	\$377,575	\$16	\$377,575	\$16	\$336,051	\$15
Mille Lacs	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Morrison	\$599,976	\$18	\$672,306	\$20	\$727,530	\$22	\$727,530	\$22	\$660,999	\$20
Mower	\$1,305,322	\$33	\$1,423,376	\$36	\$1,545,243	\$39	\$1,545,243	\$39	\$1,395,526	\$35
Murray	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nicollet	\$1,268,169	\$37	\$1,393,426	\$41	\$1,495,483	\$44	\$1,495,483	\$43	\$1,353,397	\$39

MSAS Apportionment: Construction and Maintenance Allotments

	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Nobles	\$533,698	\$24	\$593,627	\$27	\$644,697	\$29	\$644,697	\$29	\$584,722	\$26
Norman	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Olmsted	\$5,904,959	\$38	\$6,753,809	\$43	\$8,202,283	\$51	\$8,202,283	\$52	\$7,014,959	\$44
Otter Tail	\$985,649	\$17	\$1,074,662	\$18	\$1,168,409	\$20	\$1,168,409	\$20	\$1,011,748	\$17
Pennington	\$683,106	\$48	\$732,738	\$51	\$746,205	\$52	\$746,205	\$52	\$662,475	\$46
Pine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pipestone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Polk	\$1,172,419	\$37	\$1,254,799	\$40	\$1,326,262	\$42	\$1,326,262	\$42	\$1,187,403	\$38
Pope	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ramsey	\$20,542,642	\$38	\$22,557,966	\$41	\$24,582,709	\$44	\$24,582,709	\$44	\$22,412,449	\$39
Red Lake	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Redwood	\$299,955	\$20	\$331,137	\$22	\$366,531	\$24	\$366,531	\$25	\$336,475	\$23
Renville	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Rice	\$1,958,179	\$30	\$2,134,169	\$32	\$2,374,677	\$36	\$2,374,677	\$35	\$2,181,966	\$32
Rock	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Roseau	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Saint Louis	\$8,655,947	\$43	\$9,055,410	\$45	\$9,055,410	\$45	\$8,210,910	\$41	\$8,655,947	\$43
Scott	\$5,375,812	\$37	\$5,950,018	\$40	\$5,950,018	\$39	\$5,562,359	\$36	\$5,375,812	\$37
Sherburne	\$2,298,562	\$24	\$2,493,332	\$26	\$2,493,332	\$26	\$2,279,097	\$23	\$2,298,562	\$24
Sibley	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Stearns	\$5,177,655	\$33	\$5,621,374	\$35	\$5,621,374	\$35	\$5,261,045	\$32	\$5,177,655	\$33
Steele	\$1,349,811	\$37	\$1,495,886	\$41	\$1,617,182	\$44	\$1,617,182	\$44	\$1,476,587	\$40
Stevens	\$287,428	\$29	\$321,577	\$33	\$339,522	\$35	\$339,522	\$35	\$309,401	\$32
Swift	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Todd	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Traverse	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wabasha	\$253,067	\$12	\$283,057	\$13	\$305,959	\$14	\$305,959	\$14	\$277,861	\$13

MSAS Apportionment: Construction and Maintenance Allotments

	2017		2018		2019		2020		2021	
County	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment	\$ Allotment	Per Capita Allotment
Wadena	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Waseca	\$362,281	\$19	\$397,743	\$21	\$428,358	\$23	\$428,358	\$23	\$389,026	\$21
Washington	\$9,193,397	\$36	\$10,219,767	\$39	\$11,288,771	\$43	\$11,288,771	\$43	\$10,497,747	\$39
Watsonwan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wilkin	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Winona	\$1,158,916	\$23	\$1,285,132	\$25	\$1,378,769	\$27	\$1,378,769	\$27	\$1,250,113	\$25
Wright	\$2,705,580	\$20	\$2,993,693	\$22	\$3,301,364	\$24	\$3,301,364	\$24	\$3,082,404	\$22
Yellow Medicine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Total	\$192,286,547	\$34	\$211,142,038	\$37	\$ 211,142,038	\$37	\$ 193,011,589	\$34	\$192,286,547	\$34

Note: A Small Cities Assistance program provides aid to cities with a population under 5,000 that are not eligible for MSAS funds. ([Minn. Stat. 162.145](#)). It was most recently funded at \$18.0 million in FY2022, with no funding scheduled for FY2023 and thereafter. ([2021 Laws of Minn., 1st SS, Ch. 5, Art. 1, Sec. 2](#)) Smaller cities are also indirectly supported through state aid to counties. A share of state funds for the county state-aid highway system must be allocated to a municipal account for use on portions of county state-aid highways located within smaller cities. ([Minn. Stat. 162.08, subd. 1](#))

Roadway Extent Information: mileage, functional class, surface type by county

Funding from the Highway Users Tax Distribution Fund is used to support more than 100,000 miles of trunk highways, county state aid highways, municipal state aid streets and township roads.

Currently, there are approximately 30,700 centerline miles on CSAH and 3,700 centerline miles on MSAS systems.

Table 13: Breakdown of Centerline Miles by Minnesota Road System

Minnesota Roads	
Trunk Highway	11,694
County State Aid Highways*	30,659
Municipal State Aid Streets**	3,734
County Roads	13,930
Township Roads	55,518
Other Municipal Streets	19,222
Other Minot Systems	7,199
	141,956
* In 87 counties	
** In 148 cities of population greater than 5,000	

Table 14: Breakdown of Bridges on Minnesota Road Systems

Bridges	
Trunk Highway	4,006
County Roads	8,239
City Streets	1,545
Township Roads	6,233
	20,023

MnDOT's Transportation Data and Analysis unit maintains a bounty of detailed information on Minnesota roadways including locational information, jurisdiction, functional classification, surface type and other topics. The source for the figures below on route systems, functional classification and surface type by county is available on [MnDOT's Transportation Data and Analysis website](#).

Table 15: Route System by County

2020 Lane Mileage by Route System by County											
County	Interstate	US Hwy	MN Hwy	Tribal Nation Road	CSAH	MSAS	County Road	Township Road	Municipal Street	Alleyway	Total "Other" Roads
Aitkin		98	410		764		263	1,607	64	7	364
Anoka	105	87	189		803	710	198	124	3,006		-
Becker		171	165	98	957	52	368	2,356	163	5	27
Beltrami		168	343	469	928	39	500	1,484	203	24	545
Benton		84	158		452	45	453	602		6	-
Big Stone		90	131		420		389	739	81	16	12
Blue Earth		123	263		897	107	609	1,235	399	40	8
Brown		76	121		655	36	37	1,274	238	74	6
Carlton	127		233	36	594	46	374	779	201	11	176
Carver		89	160		488	130	87	663	692	21	14
Cass		75	463	120	1,053		491	1,695	262		1,006
Chippewa		14	226		509	19	107	1,403	132		-
Chisago	121	48	63	1	471	106	193	806	548	2	20
Clay	108	195	177		806	126	670	1,837	457	11	3
Clearwater		71	158	258	649		203	1,022	52	11	108
Cook			160	37	357		229	44	8	3	877
Cottonwood		46	160		641		173	1,408	129	17	1
Crow Wing		14	390		750	82	333	1,524	1,038	53	186
Dakota	199	150	342		889	782	150	774	2,625	60	3
Dodge		63	111		511	13	129	889	143	14	0
Douglas	139		143		793	68	297	1,511	230	21	6
Faribault	122	53	110		713		207	1,585	170	6	-
Fillmore		98	246		812		138	1,650	241		21
Freeborn	224	71	79		889	52	359	1,295	256	9	4
Goodhue		212	241		637	56	146	1,684	382	25	4
Grant	38	37	174		472		461	869	77	9	2

2020 Lane Mileage by Route System by County

County	Interstate	US Hwy	MN Hwy	Tribal Nation Road	CSAH	MSAS	County Road	Township Road	Municipal Street	Alleyway	Total "Other" Roads
Hennepin	568	205	475		1,497	2,062	76	0	7,198	876	47
Houston		13	208		497	12	27	930	149	18	9
Hubbard		139	196	2	645		397	1,250	108	15	269
Isanti			181		450	52	262	1,041	168	0	0
Itasca		262	488	38	1,293	53	1,347	1,011	427		1,662
Jackson	121	56	132		735		301	1,475	112		4
Kanabec			184		422		419	598	65	3	4
Kandiyohi		146	207		872	66	425	1,481	260		8
Kittson		147	125		744		187	1,731	75	8	81
Koochiching		173	399	69	506	17	361		108	26	977
Lac qui Parle		142	78		727		56	1,838	89	23	5
Lake			231		453		160	607	74	15	1,042
Lake of the Woods			136		388		90		30	7	901
Le Sueur		23	169		559	5	476	680	207	11	4
Lincoln		102	68		508		267	1,131	66	7	-
Lyon		112	209		638	40	314	1,409	233	31	7
Mahnomen		49	97	134	386		164	576	28	6	-
Marshall		111	240		1,278		369	3,404	114		86
Martin	125		129		760	42	264	1,547	200		-
McLeod		71	138		504	56	277	947	249	0	-
Meeker		57	235		545	18		1,590	149		-
Mille Lacs		185	127	29	513		297	872	154	20	19
Morrison		175	250		898	44	553	1,775	263	35	2
Mower	122	72	137		749	67	64	1,705	311	28	0
Murray		58	135		705		132	1,614	102		8
Nicollet		170	103		487	65	123	700	221	29	3
Nobles	121	44	143		722	24	183	1,690	176	17	-
Norman		49	188		780		596	1,318	78		-

2020 Lane Mileage by Route System by County

County	Interstate	US Hwy	MN Hwy	Tribal Nation Road	CSAH	MSAS	County Road	Township Road	Municipal Street	Alleyway	Total "Other" Roads
Olmsted	109	286	94		670	311	372	1,232	916	6	2
Otter Tail	131	211	374		1,854	58	268	4,759	439	20	47
Pennington		35	121		519	34	739	679	108	28	-
Pine	200		222	2	958		429	1,707	278	7	229
Pipestone		50	102		482		35	1,125	121	16	4
Polk		465	219		1,607	59	300	4,440	276	50	13
Pope			250		592		141	1,377	118	14	7
Ramsey	317	100	171		717	725	36	84	2,250	516	1
Red Lake		37	82		370		353	635	57	9	-
Redwood		98	172	2	778	21	235	1,937	171	38	-
Renville		148	103		891		531	1,938	189	42	1
Rice	101		218		566	90	288	980	353	5	4
Rock	82	54	53		525		115	1,135	95	14	-
Roseau			263		962		474	2,182	116	12	346
Saint Louis	63	697	634	18	2,773	452	2,710	1,711	1,667	15	1,075
Scott	24	128	128	27	574	251	163	784	858		7
Sherburne		234	37		491	132	315	1,012	501		35
Sibley		10	204		573		192	1,173	132	20	0
Stearns	231	53	374		1,326	213	626	2,726	1,176	38	3
Steele	98	95	36		607	73	122	773	275	17	3
Stevens		49	105		487	18	257	1,089	102	22	7
Swift		127	134		655		263	1,511	138		2
Todd	24	148	148		821		403	2,076	152	26	0
Traverse		62	93		490		481	996	58	14	0
Wabasha		145	127		546	16	182	822	185	14	17
Wadena		110	8		473		412	757	127	19	17
Waseca		86	107		534	16	247	701	105	15	-
Washington	137	99	170		513	504	116	382	2,297	0	14

2020 Lane Mileage by Route System by County

County	Interstate	US Hwy	MN Hwy	Tribal Nation Road	CSAH	MSAS	County Road	Township Road	Municipal Street	Alleyway	Total "Other" Roads
Watonwan			212		467		247	788	110		2
Wilkin	45	94	140		624		388	1,444	82		-
Winona	176	190	122		625	50	139	943	373	35	25
Wright	108	56	184		826	182	209	1,775	1,006	15	6
Yellow Medicine		85	195	13	691		331	1,583	112		9
Total	4,086	8,643	16,430	1,355	62,755	8,299	27,866	111,035	38,161	2,647	10,408

Table 16: Functional Classification, by County

2020 Lane Mileage by Functional Class by County							
County	Principal Arterial (Interstate)	Principal Arterial (Other Frwys & Expwys)	Principal Arterial (Other)	Minor Arterial	Major Collector	Minor Collector	Local
Aitkin			179	309	420	384	2,285
Anoka	105	73	170	817	418	112	3,528
Becker			241	15	641	437	3,027
Beltrami		31	164	312	708	365	3,123
Benton			164	150	229	176	1,304
Big Stone			38	132	247	154	1,309
Blue Earth		25	167	293	518	415	2,264
Brown			114	104	365	252	1,682
Carlton	127		81	128	416	249	1,576
Carver		35	94	461	189	87	1,478
Cass			232	274	646	556	3,458
Chippewa			128	113	340	171	1,660
Chisago	121		42	181	321	224	1,491
Clay	108		131	308	443	391	3,010
Clearwater			71	139	358	270	1,693
Cook			160		233	318	1,003
Cottonwood			110	96	405	269	1,695
Crow Wing			263	272	587	233	3,016
Dakota	199	71	273	900	529	239	3,764
Dodge			63	101	252	221	1,237
Douglas	139			168	414	324	2,161
Faribault	122		53	68	454	374	1,896
Fillmore			105	213	435	247	2,206
Freeborn	224			190	432	350	2,042
Goodhue		11	202	274	388	323	2,188
Grant	38		52	159	221	187	1,483
Hennepin	568	390	239	1,934	1,015	97	8,763
Houston			13	172	247	259	1,172
Hubbard			198	94	419	286	2,023
Isanti			47	168	313	199	1,428
Itasca			262	401	723	806	4,389
Jackson	121		135	46	461	288	1,884
Kanabec			43	106	276	100	1,172
Kandiyohi		23	231	138	454	413	2,207
Kittson			75	193	391	317	2,123
Koochiching			198	263	290	375	1,511
Lac Qui Parle			71	149	371	293	2,074

2020 Lane Mileage by Functional Class by County							
County	Principal Arterial (Interstate)	Principal Arterial (Other Frwys & Expwys)	Principal Arterial (Other)	Minor Arterial	Major Collector	Minor Collector	Local
Lake			121	120	347	163	1,832
Lake of the Woods			52	61	219	176	1,044
Le Sueur			34	158	319	234	1,389
Lincoln			42	128	320	183	1,475
Lyon			204	116	418	320	1,933
McLeod			49	61	196	153	982
Mahnomen			52	349	578	449	4,174
Marshall	125		25	88	455	345	2,029
Martin			186	80	307	204	1,465
Meeker			101	162	372	200	1,759
Mille Lacs		12	199	112	291	166	1,435
Morrison		52	170	156	673	378	2,564
Mower	122		49	155	493	255	2,181
Murray			58	124	410	191	1,970
Nicollet		17	171	86	297	200	1,130
Nobles	121		114	87	380	321	2,096
Norman				290	326	263	2,130
Olmsted	109	111	103	402	514	280	2,480
Otter Tail	131		324	316	909	824	5,658
Pennington			36	224	202	181	1,620
Pine	200		19	259	388	559	2,606
Pipestone			61	92	295	162	1,324
Polk			355	476	859	664	5,075
Pope			70	127	307	255	1,740
Ramsey	317	67	52	965	359		3,157
Red Lake			37	115	165	117	1,109
Redwood			162	104	521	273	2,393
Renville			152	99	538	325	2,728
Rice	101		46	192	354	273	1,637
Rock	82		35	57	296	237	1,367
Roseau			158	103	432	538	3,124
St. Louis	63	4	820	995	1,473	1,425	7,035
Scott	24	46	150	598	153	146	1,826
Sherburne		4	244	194	321	172	1,822
Sibley			34	182	320	235	1,533
Stearns	231		323	324	880	608	4,400
Steele	98	43	53	88	396	242	1,180
Stevens			61	90	274	215	1,495

2020 Lane Mileage by Functional Class by County							
County	Principal Arterial (Interstate)	Principal Arterial (Other Frwys & Expwys)	Principal Arterial (Other)	Minor Arterial	Major Collector	Minor Collector	Local
Swift			126	119	397	282	1,907
Todd	24		185	81	513	366	2,629
Traverse				120	273	195	1,606
Wabasha			99	166	314	159	1,316
Wadena			110	2	271	193	1,348
Waseca		39	47	173	225	213	1,115
Washington	137	37	68	751	320	124	2,795
Watsonwan		9	138	98	239	192	1,150
Wilkin	45		32	203	271	259	2,009
Winona	176		156	139	344	279	1,586
Wright	108		129	276	506	471	2,880
Yellow Medicine			58	205	357	248	2,150
Total	4,086	1,099	10,879	20,508	35,955	25,672	193,712

Table 17: Surface type, by County

2020 Lane Mileage by Basic Pavement Type by County					
County	Bituminous	Concrete	Dirt / Unimproved	Gravel	Other
Aitkin	1,159	0	315	2,103	0
Anoka	4,549	144	9	518	2
Becker	1,723	39	199	2,400	0
Beltrami	1,856	0	469	2,379	0
Benton	1,204	75	22	722	0
Big Stone	615	3	73	1,189	0
Blue Earth	1,833	143	23	1,680	2
Brown	1,069	5	5	1,437	0
Carlton	1,345	80	47	1,106	0
Carver	1,626	38	11	666	2
Cass	1,924	0	659	2,583	0
Chippewa	748	67	25	1,571	0
Chisago	1,450	76	42	812	0
Clay	1,503	125	152	2,611	0
Clearwater	957	3	247	1,324	0
Cook	414	0	539	761	0
Cottonwood	771	99	31	1,673	1
Crow Wing	2,935	1	135	1,300	0
Dakota	4,854	210	1	906	4
Dodge	774	76	16	1,008	0
Douglas	1,420	103	22	1,662	0
Faribault	1,060	52	80	1,775	0
Fillmore	994	144	18	2,051	0
Freeborn	1,249	248	9	1,730	3
Goodhue	1,489	95	42	1,759	0
Grant	672	72	54	1,342	0
Hennepin	10,926	1,688	3	377	12
Houston	819	11	8	1,025	0
Hubbard	1,165	0	261	1,594	0
Isanti	1,250	21	115	769	0
Itasca	2,378	39	625	3,537	2
Jackson	1,118	54	45	1,719	1
Kanabec	718	8	24	946	0
Kandiyohi	1,678	54	8	1,725	1
Kittson	774	22	635	1,667	0
Koochiching	1,257	5	203	1,172	0
Lac Qui Parle	721	76	30	2,132	0
Lake	730	27	599	1,227	0
Lake of the Woods	443	0	334	775	0

2020 Lane Mileage by Basic Pavement Type by County					
County	Bituminous	Concrete	Dirt / Unimproved	Gravel	Other
Le Sueur	994	37	15	1,088	0
Lincoln	711	0	38	1,398	0
Lyon	1,205	53	24	1,710	0
McLeod	479	0	70	893	0
Mahnomen	1,275	11	1,359	2,952	4
Marshall	1,001	22	14	2,031	0
Martin	922	188	2	1,129	0
Meeker	1,157	111	9	1,316	1
Mille Lacs	1,123	14	35	1,043	0
Morrison	2,199	2	122	1,671	0
Mower	1,293	174	8	1,781	0
Murray	826	14	44	1,869	0
Nicollet	915	117	6	863	1
Nobles	1,140	142	50	1,787	0
Norman	879	33	253	1,844	0
Olmsted	2,199	387	11	1,401	0
Otter Tail	3,602	108	173	4,276	4
Pennington	651	3	192	1,418	0
Pine	1,373	125	170	2,364	0
Pipestone	665	16	8	1,245	0
Polk	2,189	99	1,153	3,973	16
Pope	873	0	30	1,595	0
Ramsey	4,500	353	36	24	4
Red Lake	444	0	106	992	0
Redwood	1,120	19	21	2,293	0
Renville	1,208	54	18	2,562	0
Rice	1,399	83	9	1,111	0
Rock	663	75	19	1,315	0
Roseau	1,044	0	458	2,852	0
St. Louis	5,954	305	277	5,272	7
Scott	2,145	86	6	707	0
Sherburne	2,273	64	28	392	0
Sibley	870	21	11	1,402	0
Stearns	4,094	104	76	2,484	9
Steele	1,108	171	5	815	0
Stevens	587	8	75	1,465	0
Swift	779	47	59	1,947	0
Todd	1,551	34	165	2,045	3
Traverse	487	0	323	1,383	0
Wabasha	987	36	22	1,008	1
Wadena	782	0	355	786	0

2020 Lane Mileage by Basic Pavement Type by County					
County	Bituminous	Concrete	Dirt / Unimproved	Gravel	Other
Waseca	629	213	4	966	0
Washington	3,716	183	1	331	0
Watsonwan	653	118	12	1,042	0
Wilkin	786	50	415	1,567	0
Winona	1,454	174	24	1,025	1
Wright	2,461	123	16	1,768	1
Yellow Medicine	868	4	14	2,131	2
Total	134,404	7,884	12,476	137,063	84

Meeting Minnesota's Transportation Needs

As part of the 2018-2037 Minnesota State Highway Investment Plan, MnDOT estimated \$39 billion in capital investment was needed on the state highway system over a 20-year period. This need was determined by the costs required to meet performance-based targets and other key system goals, such as advancing the state's economic vitality and supporting Minnesotans' quality of life.

MnDOT is currently updating the 20-year State Highway Investment Plan and is in the process of recalculating a 20-year need estimate for 2023-2042. MnDOT anticipates the estimate of needs to increase from the 2018-2037 estimate for several reasons, including:

- Inflation
- Increased bridge needs, including the Blatnik bridge in Duluth
- Improved asset management planning
- Planning efforts since the last estimate was compiled, including the Minnesota Freight System & Investment Plan and Statewide Pedestrian System Plan

The revised estimate for 2023-2042 will be available in Summer 2022.

Strategic Priorities to Achieve Meaningful Congestion Relief

Managing congestion improves quality of life, safety and air quality. It also optimizes the efficiency of bus transit. Failure to adequately address congestion in the state's higher volume highways, both in the Twin Cities metro area and in Greater Minnesota, will lead to greater freight costs, decreased quality of life and lost productivity.

MnDOT and its partner agencies are addressing congestion mitigation through the following strategies:

Twin Cities Metro Congestion Relief

The MnSHIP 20-Year Plan's 'Twin Cities Mobility' investment category includes projects to improve travel time reliability in the Twin Cities area. In the metro area, in 2015, the Metropolitan Council completed its [2040 Transportation Policy Plan](#). This plan continues a shift away from reliance on major highway capacity expansion projects toward lower-cost high-benefit strategies. Roughly half of all roadway travel in Minnesota occurs within the Twin Cities area, which contains just 9 percent of the total roadway miles in the state.

Active Traffic Management

Operational improvements to help manage the effects of congestion, which include variable message signs, freeway ramp metering, dynamic signing and re-routing, dynamic shoulder lanes, reversible lanes, dynamic speed signs and lane specific signaling.

Spot mobility improvements

Lower cost, high-benefit projects that improve traffic flow and provide bottleneck relief at spot locations. These projects include freeway and intersection geometric design changes, short auxiliary lane additions, bus-only shoulders and traffic signal modifications to ease merging and exiting traffic.

MnPASS express lanes

Priced managed lane projects that provide a predictable, congestion-free travel option for transit users, those who ride in carpools or those who are willing to pay. MnPASS lanes currently operate on I-394, I-35W and I-35E. During peak drive times, MnPASS lanes are free for buses, vehicles with two or more occupants and motorcycles but single-occupant vehicles are charged a fee through an electronic device attached to the windshield.

Major capacity investments

Projects aimed at enhancing mobility, safety, multimodal or freight movements such as improved or new interchanges. General-purpose lanes may be considered in order to correct lane continuity or in other rare instances where MnPASS has been evaluated and found not to be feasible.

New technology and mobility as a service

New companies and technologies have made people re-think how they travel, especially in urban areas. Mobility as a service offers new options to use the system through the “sharing economy.” One example of mobility as a service is car sharing, which is available through companies like Zipcar in the Twin Cities, Mankato and Winona. Other ride matching services like Uber and Lyft have seen rapid growth in recent years. Self-driving vehicles also are emerging and have the potential to dramatically change the way society travels.

Without additional resources, MnDOT will not be well-positioned to address expected regional growth and anticipated increasing congestion and reliability issues, resulting in unpredictable travel times and potentially negative impacts to the state and regional economy.

Future labor costs for maintenance and expansion projects

Deriving a projection for future labor costs is complex and requires making assumptions on several key variables that are uncertain at best. In state FY 2021, MnDOT spent approximately \$463 million on 4,853 full-time equivalent positions in order to maintain the current trunk highway system. In addition, in recent years MnDOT has increasingly relied on consultants to augment agency staff. Total compensation costs (including salaries and benefits) have increased approximately 2.5% per year over the past 10 years and show increases of roughly 3% in recent years. The 2018-2037 MnSHIP plan released in 2017 identified an annual funding gap of \$900 million per year, so closing that gap would result in substantial additional labor costs. The MnSHIP plan to be released in the summer 2022 will provide some additional insights on future labor costs for maintenance and expansion projects.

Appendix A: Related Reference Materials

1. Minnesota Department of Transportation. (January, 2022). [State Aid Commissioners Order](#).
2. University of Minnesota, Transportation Policy and Economic Competitiveness (TPEC) (2022). [TPEC Files V1 and V2](#).
3. Minnesota Department of Transportation. (November, 2022). [Transportation Funds Forecast](#).
4. Minnesota House Research Department. (January, 2021). [Highway Finance](#).
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7. Minnesota Department of Transportation. (2022). [Roadway Data](#).
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