

Calculation of Texas's FY 2009 Federal-Aid Highway Funding Apportionments

Before penalties, before research takedowns, before programmatic distribution of EB

	2009 State Share of <u>U.S. Total</u>	<u>times</u>	Total Available Program <u>Funding</u>	<u>equals</u>	State <u>Apportionment</u>
<u>Interstate Maintenance Program</u>					
Interstate lane-miles (one-third)	7.0921%				
Interstate VMT (one-third)	7.4867%				
Disel/truck taxes (one-third)	10.1762%				
Weighted average	8.2517%	x	\$5,023,737,845	=	\$414,542,591
<u>National Highway System Program</u>					
Non-Interstate PA lane-miles (25%)	9.0287%				
Non-Interstate PA VMT (35%)	9.3971%				
Diesel use (30%)	10.1762%				
PA miles/population (10%)	1.3868%				
Weighted average	8.7377%	x	\$6,134,849,840	=	\$536,044,389
Combined IM and NHS initial apportionment was					\$950,586,980
Adjust downward so DE, DC, HI, NH, RI & VT get 0.50 percent combined minimum					-\$13,364,165
Adjusted IM and NHS combined total					\$937,222,815
<u>Surface Transportation Program</u>					
Federal-aid lane-miles (25%)	8.4172%				
Federal-aid VMT (40%)	8.5651%				
Highway Account tax payments (35%)	9.1761%				
Weighted average	8.7420%	x	\$6,460,940,078	=	\$564,812,687
Adjust downward so AK, DE, DC, HI, NH, RI, VT and WY get 0.50 percent minimum					-\$9,943,350
Adjusted STP apportionment					\$554,869,337
<u>Highway Bridge Program</u>					
Total cost to repair/replace bridges	3.0376%	x	\$4,292,566,341	=	\$130,392,775
Adjust upward to cap CA, NY and PA at 10.0 percent					+\$5,539,881
Adjusted Bridge apportionment					\$135,932,656
<u>Congestion Mitigation and Air Quality Program</u>					
Weighted population in non-attainment areas	6.5931%	x	\$1,751,404,066	=	\$115,471,097
Adjust downward so AL, AK, AR, DE, DC, FL, HI, ID, IA, KS, LA, ME, MS, MT, NE, NH, NM, ND, OK, SC, SD, UT, VT, WV and WY get 0.50 percent minimum					-\$10,496,808
Adjusted CMAQ apportionment					\$104,974,289
<u>Highway Safety Improvement Program</u>					
Federal-aid lane-miles (one-third)	8.4172%				
Federal-aid VMT (one-third)	8.5651%				
Federal-aid highways fatalities (one-third)	7.7544%				
Weighted average	8.2456%	x	\$1,073,816,623	=	\$88,542,444
Adjust downward so AK, DE, DC, HI, ME, NH, RI and VT get 0.50 percent minimum					-\$1,610,116
Adjusted HSIP apportionment					\$86,932,328
Appalachian Development Highway System	0.0000%	x	\$470,000,000	=	\$0
<u>Recreational Trails Program</u>					
All 50 states and DC get equal shares (50%)	1.9608%	x	\$42,080,000	=	\$825,098

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Off-road recreational fuel use (50%)	7.5326%	x	\$42,080,000	=	\$3,169,724
Total Rec. Trails apportionment					\$3,994,822
 <u>Metropolitan Planning Program</u>					
U.S. population in urbanized areas	7.6883%	x	\$303,966,566	=	\$23,369,939
Adjust downward so AK, AR, DE, DC, HI, ID, ME, MS, MT, NH, NM, ND, RI, SD, VT, WV and WY get 0.50 percent minimum					-\$1,032,441
Adjusted MP apportionment					\$22,337,498
 <u>Rail-Highway Crossings Program</u>					
Public rail-highway grade crossings (50%)	7.0478%				
Pre-adjustment share of STP funding (50%)	8.7420%				
Weighted average	7.8949%	x	\$220,000,000	=	\$17,368,738
Adjust downward so AK, DE, DC, HI, NV, NH, RI, VT and WY get 0.50 percent minimum					-\$393,277
Adjusted RHC apportionment					\$16,975,461
 <u>Coordinated Border Infrastructure Program</u>					
Incoming commercial trucks (20%)	29.0814%				
Incoming cars and buses (30%)	37.5026%				
Incoming truck cargo weight (25%)	22.6987%				
Number of land border points of entry (25%)	15.4321%				
Weighted average, total CBIP apportionment	26.5998%	x	\$210,000,000	=	\$55,859,492
 <u>Safe Routes to School Program</u>					
Public and private school enrollment	8.7711%	x	\$180,000,000	=	\$15,787,934
Adjust downward so AK, DE, DC, HI, ID, ME, MT, NH, ND, RI, SD, VT, WV and WY each get \$1 million minimum					-\$568,446
Adjusted SRS apportionment					\$15,219,488
Equity Bonus apportionment to get Texas to a 92 percent rate of return on FY 2007 share of Highway Account tax payments					\$1,202,800,927
TOTAL FY 2009 FORMULA APPORTIONMENTS	8.7636%		\$35,797,289,147		\$3,137,119,113
 <i>Plus FY 2009 share of FY 2009 earmarks under sections 1301, 1302, 1307, 1702, and 1934 of SAFETEA-LU and 23 USC 144(f):</i>					
	3.1553%		\$4,346,986,933		\$137,162,572
TOTAL APPORTIONMENTS AND EARMARKS	8.1563%		\$40,144,276,080		\$3,274,281,685

Calculation of Texas's Post-FY 2009 Federal-Aid Highway Funding

FY 2016-2020 totals do not reflect a \$3.5 million per year takedown for allocated SAFETEA-LU safety programs which is drawn proportionately from each state's apportionment.

		<u>State Total</u>	<u>Pct of</u>	<u>National Total</u>
FY 2009	Apportionments and major earmarks totaled	\$3,274,281,685	8.1563%	\$40,144,276,080
FY 2010	Straight extension of FY 2009 dollar amounts	\$3,274,281,685	8.1563%	\$40,144,276,080
FY 2011	Straight extension of FY 2009 dollar amounts	\$3,274,281,685	8.1563%	\$40,144,276,080
	Plus: state share of other miscellaneous minor SAFETEA-LU earmarks	\$487,255	0.4697%	\$103,726,666
	Equals total FY 2011 apportionment	\$3,274,768,940	8.1365%	\$40,248,002,746
FY 2012	Everyone gets FY 2011 percentage share, but of a lower overall total amount	\$3,057,217,523	8.1365%	\$37,574,223,257
FY 2013	Everyone gets FY 2012 percentage share, but of a slightly lower overall total amount	\$3,043,299,205	8.1365%	\$37,403,144,035
FY 2014	Everyone starts with FY 2013 percentage share... ...except that TX FY 2012 HTF-HA payments were ...and 95 percent of that is....	\$3,075,425,063 \$3,506,944,000 \$3,331,596,800	8.1365%	\$37,798,000,000
	So TX's dollar apportionment is adjusted to:	\$3,331,596,800	8.8142%	\$37,798,000,000
FY 2015	Straight extension of FY 2014 dollar amounts	\$3,331,596,800	8.8142%	\$37,798,000,000
FY 2016	Everyone gets FY 2015 percentage shares (no state triggered 95% rate of return)	\$3,501,667,069	8.8142%	\$39,727,500,000
FY 2017	Everyone starts with FY 2015 percentage share... ...except that TX FY 2015 HTF-HA payments were ...and 95 percent of that is....	\$3,573,970,511 \$4,013,217,000 \$3,812,556,150	8.8142%	\$40,547,805,000
	So TX's dollar apportionment is adjusted to:	\$3,812,556,150	9.4026%	\$40,547,805,000
FY 2018	Everyone starts with FY 2015 percentage share... ...except that TX FY 2016 HTF-HA payments were ...and 95 percent of that is....	\$3,651,201,988 \$4,033,952,000 \$3,832,254,400	8.8142%	\$41,424,020,075
	So TX's dollar apportionment is adjusted to:	\$3,832,254,400	9.2513%	\$41,424,020,075
FY 2019	Everyone starts with FY 2015 percentage share... ...except that TX FY 2017 HTF-HA payments were ...and 95 percent of that is....	\$3,733,604,635 \$3,989,970,000 \$3,790,471,500	8.8142%	\$42,358,903,696
	So TX's dollar apportionment is adjusted to:	\$3,790,471,500	8.9485%	\$42,358,903,696
FY 2020	Everyone starts with FY 2015 percentage share... ...except that TX FY 2018 HTF-HA payments were ...and 95 percent of that is....	\$3,823,015,200 \$4,243,664,000 \$4,031,480,800	8.8142%	\$43,373,294,311
	So TX's dollar apportionment is adjusted to:	\$4,031,480,800	9.2948%	\$43,373,294,311

What is Texas's share of the U.S. totals of...

Highway Trust Fund Tax Payments

Federal gasoline taxes	FY 2017	10.0941%
Federal diesel/trucking taxes	FY 2017	12.8910%

Roads and Bridges -Extent

Interstate System miles	CY 2018	7.0987%
Interstate System lane-miles	CY 2018	7.3279%
Other NHS miles	CY 2018	8.1836%
Other NHS lane-miles	CY 2018	9.9380%
Total NHS miles	CY 2018	8.0377%
Total NHS lane-miles	CY 2018	9.1660%
Other Fed.-aid miles	CY 2018	8.8057%
Other Fed.-aid lane-miles	CY 2018	9.3818%
Total Fed.-aid miles	CY 2018	8.7970%
Total Fed.-aid lane-miles	CY 2018	9.3154%
Number of NHS bridges	CY 2018	12.1378%
Deck area of NHS bridges	CY 2018	12.7009%
Number of all bridges	CY 2018	8.8194%
Deck area of all bridges	CY 2018	12.9730%

Roads and Bridges - Condition

Number of NHS bridges in poor condition	CY 2018	1.5065%
Number of all bridges in poor condition	CY 2018	1.4856%
NHS bridge deck area in poor condition	CY 2018	2.8334%
All bridge deck area in poor condition	CY 2018	2.3842%

Population/Economics

U.S. population (excluding P.R./territories)	CY 2019	8.8338%
U.S. licensed drivers	CY 2017	7.5880%
U.S. gross domestic product	CY 2017	8.8054%

Traffic

Total U.S. VMT (excluding P.R.)	CY 2017	8.4979%
Total Interstate VMT (excluding P.R.)	CY 2017	8.4664%
Total NHS VMT (excluding P.R.)	CY 2017	9.2767%
Total Federal-Aid VMT (excluding P.R.)	CY 2017	9.3475%
Freight ton-miles	CY 2012	8.2686%