

JOINT TRANSPORTATION COMMITTEE IMPLEMENTING ALTERNATIVE TRANSPORTATION FUNDING METHODS

Estimated Impacts of Potential Funding Scenarios Based on Vehicle Type

HOW TO READ THE TABLES AND CHARTS

The charts and tables included in this packet show **total annual state-collected taxes and fees** for transportation for different vehicle types and different usage levels.

What's Included?

- Fees
 - Drivers license, registration, and weight fees
 - Sales tax on vehicles (0.3% vehicle sales tax net of trade-in credits)
- Usage
 - Motor vehicle fuel tax
 - VMT fee (depending on scenario)
 - Tolls and ferry fares (depending on scenario)

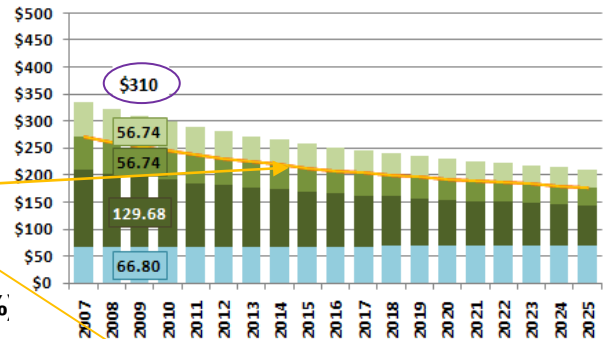
Assumptions

Vehicle fuel efficiency standards and MPG by vehicle type have been pegged to federal **CAFÉ standards**. Motor vehicle fuel tax paid is calculated on a consumption levels determined by vehicle MPG and miles driven per year. A complete assumptions sheet (including representative vehicles, fleet make-up, and MPG trends) is included in this packet.

Interpreting the Charts: Mid-Size Sedan Example

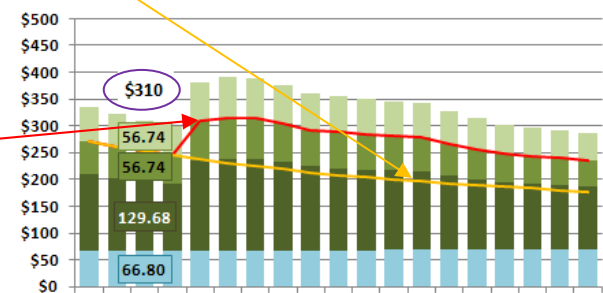
BASELINE

	2007	2009	2014	2019	2025	% Change 2009-2025
Mid-Size Sedan						
8,000 miles/year	\$210	\$196	\$173	\$157	\$145	-26%
11,500 miles/year	\$272	\$253	\$219	\$196	\$177	-30%
15,000 miles/year	\$335	\$310	\$265	\$235	\$210	-32%



WITH SALES TAX ON MOTOR VEHICLE FUEL (6.5%)

	2007	2009	2014	2019	2025	% Change 2009-2025
Mid-Size Sedan						
8,000 miles/year	\$210	\$196	\$233	\$214	\$186	-6%
11,500 miles/year	\$272	\$253	\$305	\$278	\$236	-7%
15,000 miles/year	\$335	\$310	\$377	\$342	\$287	-7%



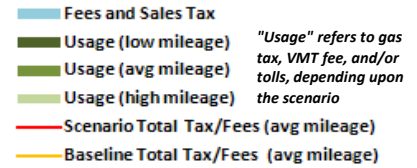
The red line shows how the baseline moves under the scenario, while the yellow line always reflects total taxes paid assuming today's transportation funding structure.

- Fees paid by all mid-size sedan drivers
- Gas tax paid by low mileage drivers
- Additional gas tax paid by average mileage drivers
- Additional gas tax paid by high mileage drivers
- Total taxes paid by average mileage drivers: baseline
- Total taxes paid by average mileage driver under new scenario

ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: BASELINE (UNDER TODAY'S FUNDING STRUCTURE)

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Not Indexed



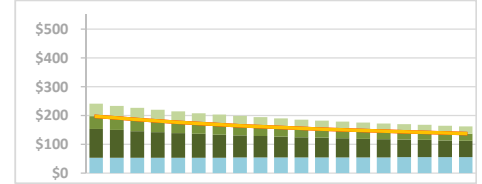
Estimated Annual Transportation Taxes/Fees Paid (State Collected)

	2007	2009	2014	2019	2025	% Change 2009-2025	Total Annual Tax/Fee Expenditure by Type
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PASSENGER VEHICLES

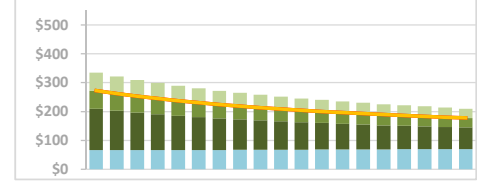
Compact Car

8,000 miles/year	\$153	\$146	\$131	\$121	\$112	-23%
11,500 miles/year	\$197	\$186	\$165	\$150	\$137	-26%
15,000 miles/year	\$241	\$226	\$199	\$179	\$162	-29%



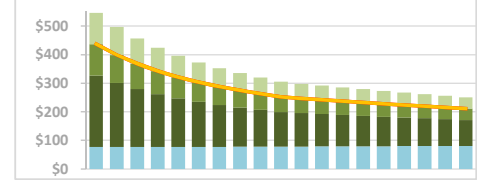
Mid-Size Sedan

8,000 miles/year	\$210	\$196	\$173	\$157	\$145	-26%
11,500 miles/year	\$272	\$253	\$219	\$196	\$177	-30%
15,000 miles/year	\$335	\$310	\$265	\$235	\$210	-32%



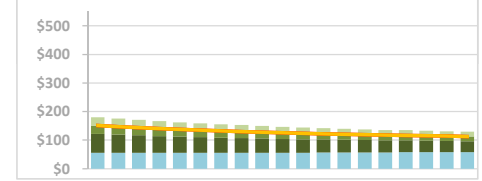
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$215	\$189	\$171	-39%
11,500 miles/year	\$437	\$368	\$275	\$237	\$211	-43%
15,000 miles/year	\$546	\$457	\$335	\$286	\$251	-45%



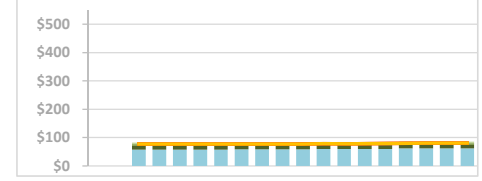
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$107	\$101	\$96	-18%
11,500 miles/year	\$151	\$144	\$130	\$121	\$113	-22%
15,000 miles/year	\$180	\$171	\$153	\$140	\$129	-24%



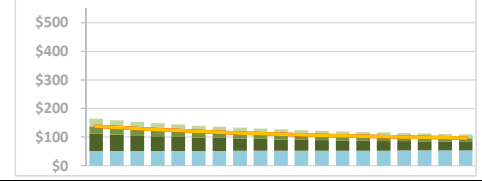
Electric Car

8,000 miles/year	N/A	\$71	\$72	\$73	\$75	5%
11,500 miles/year	N/A	\$77	\$77	\$79	\$80	5%
15,000 miles/year	N/A	\$82	\$83	\$84	\$86	4%



Motorcycle

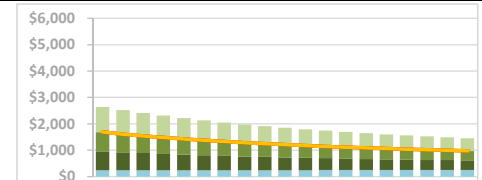
8,000 miles/year	\$112	\$106	\$95	\$88	\$83	-22%
11,500 miles/year	\$138	\$129	\$114	\$104	\$96	-26%
15,000 miles/year	\$164	\$153	\$133	\$120	\$109	-29%



COMMERCIAL VEHICLES

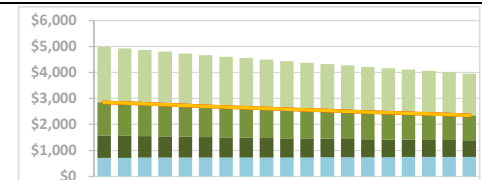
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$765	\$680	\$611	-32%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,285	\$1,114	\$972	-37%
45,000 mi/yr in WA	\$2,647	\$2,412	\$1,980	\$1,693	\$1,455	-40%



Freight - 18 Wheeler

13,000 mi/yr in WA	\$1,571	\$1,551	\$1,493	\$1,441	\$1,386	-11%
32,500 mi/yr in WA	\$2,854	\$2,794	\$2,641	\$2,502	\$2,351	-16%
65,000 mi/yr in WA	\$4,993	\$4,865	\$4,555	\$4,271	\$3,959	-19%



Vehicle Type and Mileage Assumptions

Profiles	Weight Class	Example Vehicle	MSRP (2009)	% of Fleet	Fuel Type	Average Miles Per Gallon (MPG)					MPG Source
						2007	2009	2014	2019	2025	
Fuel Efficient Vehicles											
Motorcycle	0 - 4,000 lbs	Yamaha	\$10,290	4%	Gasoline	50.00	55.56	69.44	83.33	100.00	2007: Various sales websites, discussion forums. Projections for future years assume doubling in fuel economy by 2025. No source substantiating this.
Alternative Fuel/Electric Vehicle	0 - 4,000 lbs	Chevy Volt	\$32,000	0.01%	Gasoline	N/A	230	230	230	230	Chevy Volt Website - The Volt runs on electricity for first 40 miles and then gasoline thereafter. Since most people don't drive more than 40 miles per day, most would not use any gasoline. The 230 MPG estimate is based on average of all user types (some who would use gasoline one a daily basis or occasionally).
Hybrid	0 - 4,000 lbs	Toyota Prius	\$22,750	2%	Gasoline	45.00	48.75	58.13	67.50	78.75	2007: Toyota Prius EPA Average MPG. Assumes that hybrids are largely PHEVs by 2025, which are estimated to improve fuel economy by 50-100% by 2030 (Brookings, 2006). We assume 75% here.
Passenger Vehicles											
Compact Car	0 - 4,000 lbs	Honda Fit	\$16,260	33%	Gasoline	30.00	32.53	38.87	45.20	52.80	2007: EPA Estimated MPG for Honda Fit. 2016: Compact car fuel economy target in 2016 published by EPA and consistent with Obama targets. After 2016: assumed averaged annual increase in fuel economy consistent with 2007-2016 increase.
Mid-size Sedan	4,001 - 6,000 lbs	Nissan Murano	\$28,480	35%	Gasoline	21.00	23.13	28.47	33.80	40.20	2007: EPA Estimated MPG for Nissan Murano. 2016: Midsize crossover fuel economy target in 2016 published by EPA and consistent with Obama targets. After 2016: assumed averaged annual increase in fuel economy consistent with 2007-2016 increase.
Large SUV/ Pickup/ Light Truck	6,001 - 8,000 lbs	Chevy Silverado	\$30,050	24%	Gasoline	12.00	14.82	21.88	27.14	32.77	2007: EPA Estimated MPG for Chevy Silverado. 2016: Large pickup truck fuel economy target in 2016 published by EPA and consistent with Obama targets. After 2016: assumed averaged annual increase in fuel economy consistent with gains in compact car category.
Commercial Vehicles											
Freight 1	22,001 - 24,000 lbs	Medium Duty	\$59,000	1%	Diesel	7.00	7.78	9.72	11.67	14.00	2007: fuel economy estimated by US DOE. Growth in fuel economy through 2025 estimated using assumption that FedEx/UPS will adopt hybrid technologies to double fuel economy. Currently, the US EPA and UPS have developed hybrid technology to improve fuel economy by 50%, which will start rolling out in 2010.
Freight 2	40,001 - 42,000 lbs	18-wheeler	\$175,000	1%	Diesel	5.70	5.77	5.95	6.12	6.33	2007: fuel economy estimated by US DOE. Growth in fuel economy thorough 2025 estimated using 2006 Annual Energy Outlook (US Energy Information Administration) forecast that fuel economy will increase by 10% between 2006 and 2025.

SUMMARY OF POTENTIAL FUNDING SCENARIOS IMPACTS BASED ON VEHICLE TYPE

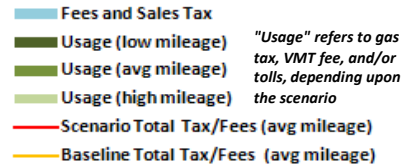
SUMMARY OF ALL SCENARIOS

BASELINE			SCENARIOS: 2025 TOTAL TAX AND FEE AMOUNT VEHICLE TYPE							
2009	2025	Index - IPD	Index - Seattle CPI	Index - WSDOT CCI	Barrel Fee	Sales Tax 6.5%	Double Existing Fees	Flat VMT Fee \$0.01/mi	VMT by Vehicle Type	
<i>Total Incremental Revenue by Scenario (16-Yr Total, \$ billions)</i>		\$3.69B	\$5.42B	\$10.88B	\$1.43B	\$14.46B	\$7.16B	\$9.98B	\$4.56B	
PASSENGER VEHICLES										
Compact Car										
11,500 miles/year	\$186	\$137	\$169	\$183	\$231	\$142	\$182	\$182	\$252	\$194
Mid-Size Sedan										
11,500 miles/year	\$253	\$177	\$219	\$238	\$301	\$184	\$236	\$232	\$292	\$264
Large SUV/ Pick-Up										
11,500 miles/year	\$368	\$211	\$262	\$285	\$361	\$219	\$283	\$276	\$326	\$384
Hybrid Vehicle										
11,500 miles/year	\$144	\$113	\$134	\$144	\$176	\$116	\$143	\$158	\$228	\$199
Electric Car										
11,500 miles/year	\$77	\$80	\$88	\$91	\$102	\$81	\$91	\$125	\$195	\$195
Motorcycle										
11,500 miles/year	\$129	\$96	\$113	\$120	\$146	\$99	\$120	\$141	\$211	\$130
COMMERCIAL VEHICLES										
Freight - Medium Duty										
27,000 mi/yr in WA	\$1,544	\$972	\$1,225	\$1,382	\$1,806	\$1,018	\$1,420	\$1,178	\$1,242	\$1,647
Freight - 18 Wheeler										
32,500 mi/yr in WA	\$2,794	\$2,351	\$2,978	\$3,262	\$4,201	\$2,453	\$3,347	\$3,004	\$2,676	\$3,001

ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: INDEX GAS TAX (IPD)

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Indexed



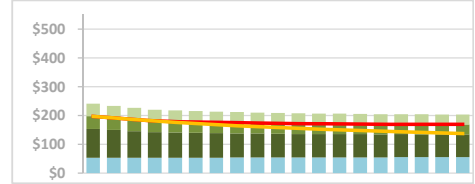
Estimated Annual Transportation Taxes/Fees Paid (State Collected)						
	2007	2009	2014	2019	2025	% Change 2009-2025

Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

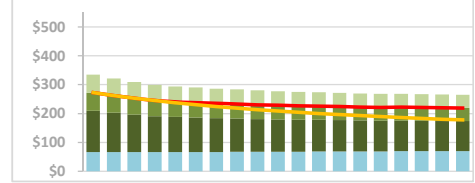
Compact Car

8,000 miles/year	\$153	\$146	\$138	\$135	\$134	-8%
11,500 miles/year	\$197	\$186	\$175	\$171	\$169	-9%
15,000 miles/year	\$241	\$226	\$212	\$206	\$203	-10%



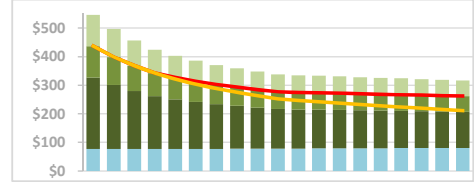
Mid-Size Sedan

8,000 miles/year	\$210	\$196	\$183	\$177	\$174	-12%
11,500 miles/year	\$272	\$253	\$233	\$224	\$219	-13%
15,000 miles/year	\$335	\$310	\$283	\$272	\$265	-15%



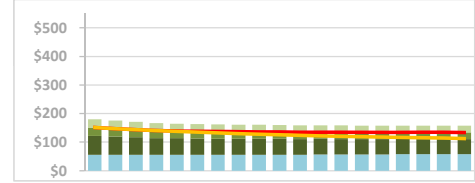
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$228	\$213	\$207	-26%
11,500 miles/year	\$437	\$368	\$293	\$272	\$262	-29%
15,000 miles/year	\$546	\$457	\$359	\$331	\$317	-31%



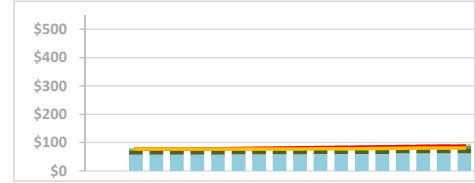
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$112	\$111	\$111	-5%
11,500 miles/year	\$151	\$144	\$137	\$135	\$134	-7%
15,000 miles/year	\$180	\$171	\$161	\$158	\$157	-8%



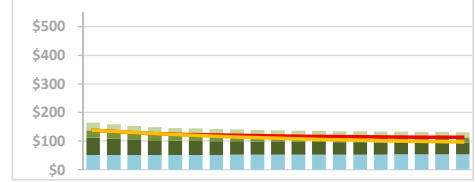
Electric Car

8,000 miles/year	N/A	\$71	\$73	\$76	\$80	12%
11,500 miles/year	N/A	\$77	\$79	\$83	\$88	14%
15,000 miles/year	N/A	\$82	\$85	\$90	\$95	16%



Motorcycle

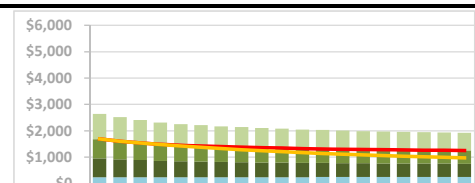
8,000 miles/year	\$112	\$106	\$99	\$96	\$95	-11%
11,500 miles/year	\$138	\$129	\$120	\$115	\$113	-13%
15,000 miles/year	\$164	\$153	\$140	\$135	\$131	-14%



COMMERCIAL VEHICLES

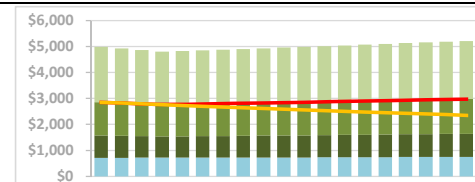
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$813	\$775	\$752	-16%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,381	\$1,304	\$1,255	-19%
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,139	\$2,009	\$1,925	-20%



Freight - 18 Wheeler

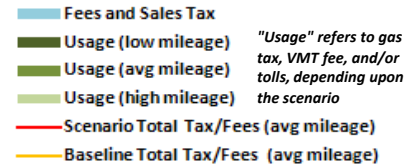
13,000 mi/yr in WA	\$1,571	\$1,551	\$1,563	\$1,596	\$1,637	6%
32,500 mi/yr in WA	\$2,854	\$2,794	\$2,817	\$2,889	\$2,978	7%
65,000 mi/yr in WA	\$4,993	\$4,865	\$4,906	\$5,044	\$5,214	7%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: INDEX GAS TAX (SEATTLE CPI)

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Indexed



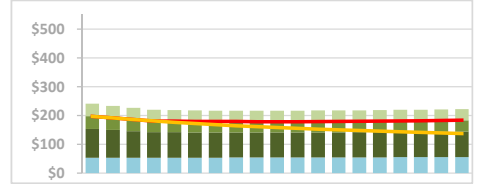
Estimated Annual Transportation Taxes/Fees Paid (State Collected)						
	2007	2009	2014	2019	2025	% Change 2009-2025

Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

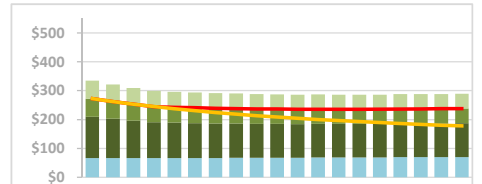
Compact Car

8,000 miles/year	\$153	\$146	\$141	\$141	\$144	-1%
11,500 miles/year	\$197	\$186	\$179	\$179	\$183	-1%
15,000 miles/year	\$241	\$226	\$217	\$217	\$222	-2%



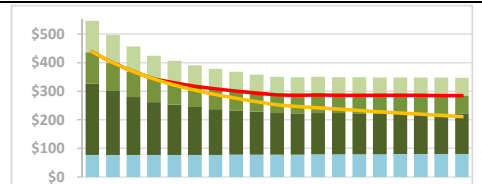
Mid-Size Sedan

8,000 miles/year	\$210	\$196	\$186	\$185	\$187	-5%
11,500 miles/year	\$272	\$253	\$238	\$236	\$238	-6%
15,000 miles/year	\$335	\$310	\$290	\$287	\$289	-7%



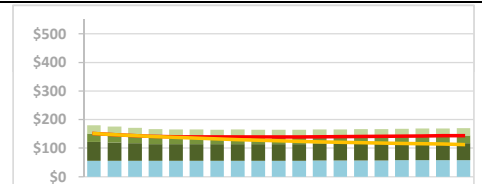
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$233	\$223	\$223	-20%
11,500 miles/year	\$437	\$368	\$300	\$286	\$285	-23%
15,000 miles/year	\$546	\$457	\$368	\$349	\$347	-24%



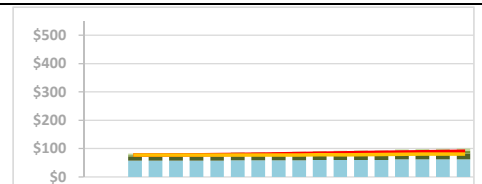
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$114	\$115	\$117	1%
11,500 miles/year	\$151	\$144	\$139	\$140	\$144	0%
15,000 miles/year	\$180	\$171	\$165	\$166	\$170	-1%



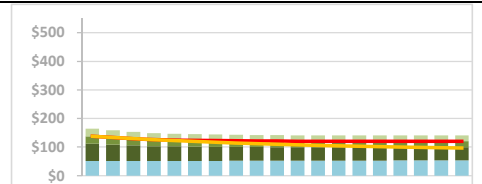
Electric Car

8,000 miles/year	N/A	\$71	\$73	\$77	\$82	16%
11,500 miles/year	N/A	\$77	\$80	\$84	\$91	19%
15,000 miles/year	N/A	\$82	\$86	\$92	\$100	21%



Motorcycle

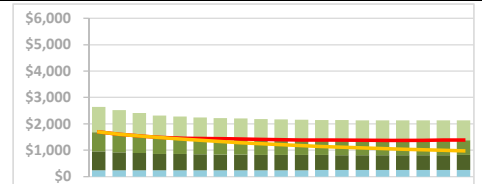
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COMMERCIAL VEHICLES

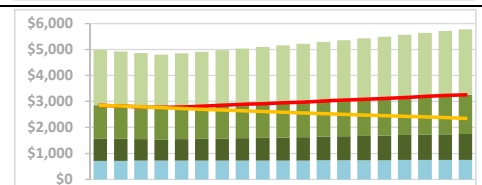
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$831	\$814	\$816	-9%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,418	\$1,382	\$1,382	-10%
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,200	\$2,140	\$2,137	-11%



Freight - 18 Wheeler

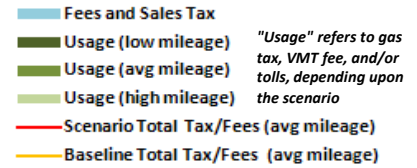
13,000 mi/yr in WA	\$1,571	\$1,551	\$1,590	\$1,660	\$1,750	13%
32,500 mi/yr in WA	\$2,854	\$2,794	\$2,884	\$3,049	\$3,262	17%
65,000 mi/yr in WA	\$4,993	\$4,865	\$5,042	\$5,364	\$5,781	19%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: INDEX GAS TAX (WSDOT CCI)

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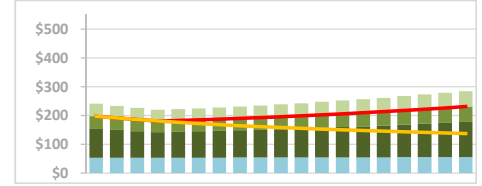
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PASSENGER VEHICLES

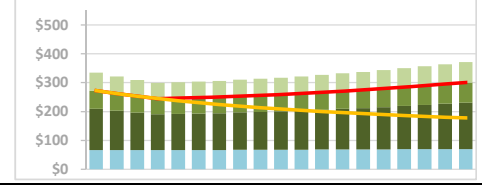
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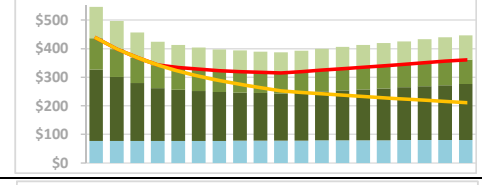
Mid-Size Sedan

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15,000 miles/year	\$335	\$310	\$310	\$332	\$371	20%



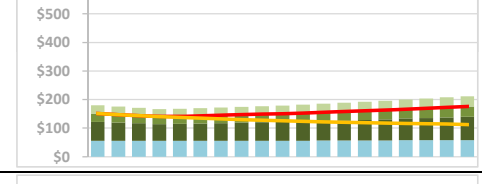
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$246	\$254	\$276	-1%
11,500 miles/year	\$437	\$368	\$320	\$330	\$361	-2%
15,000 miles/year	\$546	\$457	\$394	\$406	\$447	-2%



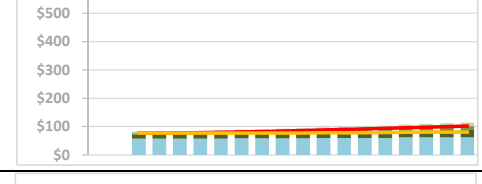
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$119	\$127	\$140	20%
11,500 miles/year	\$151	\$144	\$147	\$158	\$176	22%
15,000 miles/year	\$180	\$171	\$175	\$189	\$212	24%



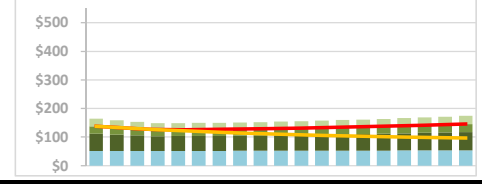
Electric Car

8,000 miles/year	N/A	\$71	\$75	\$81	\$90	26%
11,500 miles/year	N/A	\$77	\$82	\$90	\$102	33%
15,000 miles/year	N/A	\$82	\$89	\$99	\$114	39%



Motorcycle

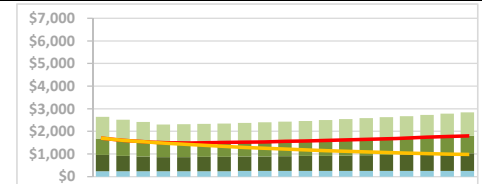
8,000 miles/year	\$112	\$106	\$105	\$109	\$117	11%
11,500 miles/year	\$138	\$129	\$128	\$134	\$146	13%
15,000 miles/year	\$164	\$153	\$151	\$159	\$174	14%



COMMERCIAL VEHICLES

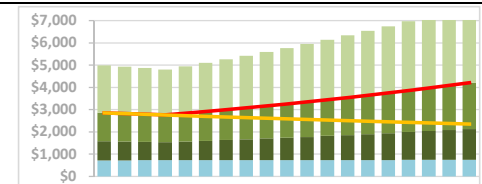
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$883	\$934	\$1,028	15%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,522	\$1,621	\$1,806	17%
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,374	\$2,538	\$2,844	18%



Freight - 18 Wheeler

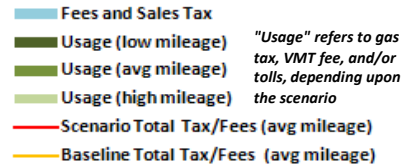
13,000 mi/yr in WA	\$1,571	\$1,551	\$1,666	\$1,854	\$2,127	37%
32,500 mi/yr in WA	\$2,854	\$2,794	\$3,075	\$3,535	\$4,204	50%
65,000 mi/yr in WA	\$4,993	\$4,865	\$5,423	\$6,337	\$7,666	58%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: BARREL FEE OF \$1.00 PER BARREL

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Not Indexed
	Barrel Fee (\$1.00/barrel)	\$0.024 per gallon	



Estimated Annual Transportation Taxes/Fees Paid (State Collected)

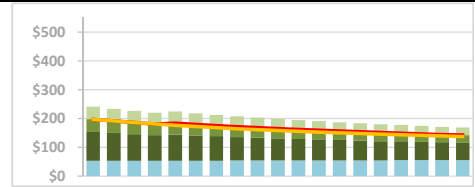
	2007	2009	2014	2019	2025	% Change 2009-2025
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Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

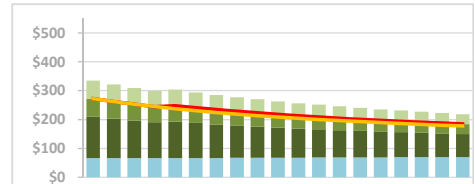
Compact Car

8,000 miles/year	\$153	\$146	\$136	\$125	\$116	-21%
11,500 miles/year	\$197	\$186	\$172	\$156	\$142	-24%
15,000 miles/year	\$241	\$226	\$208	\$187	\$169	-26%



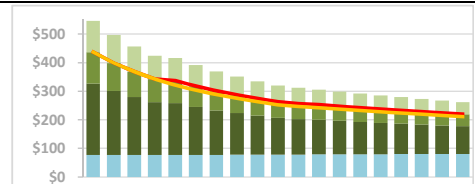
Mid-Size Sedan

8,000 miles/year	\$210	\$196	\$180	\$163	\$149	-24%
11,500 miles/year	\$272	\$253	\$229	\$204	\$184	-27%
15,000 miles/year	\$335	\$310	\$278	\$246	\$219	-29%



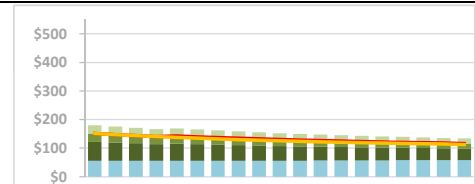
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$224	\$196	\$177	-37%
11,500 miles/year	\$437	\$368	\$288	\$247	\$219	-40%
15,000 miles/year	\$546	\$457	\$352	\$299	\$262	-43%



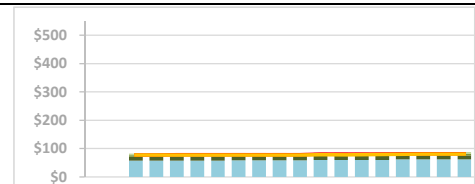
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$111	\$104	\$98	-16%
11,500 miles/year	\$151	\$144	\$135	\$125	\$116	-19%
15,000 miles/year	\$180	\$171	\$159	\$145	\$134	-22%



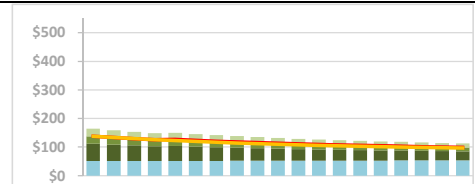
Electric Car

8,000 miles/year	N/A	\$71	\$73	\$74	\$75	6%
11,500 miles/year	N/A	\$77	\$79	\$80	\$81	6%
15,000 miles/year	N/A	\$82	\$85	\$86	\$87	6%



Motorcycle

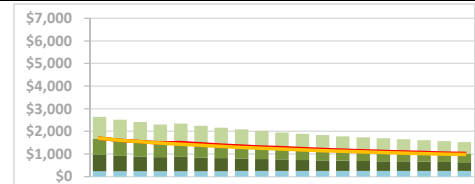
8,000 miles/year	\$112	\$106	\$98	\$91	\$85	-20%
11,500 miles/year	\$138	\$129	\$118	\$107	\$99	-24%
15,000 miles/year	\$164	\$153	\$138	\$124	\$113	-26%



COMMERCIAL VEHICLES

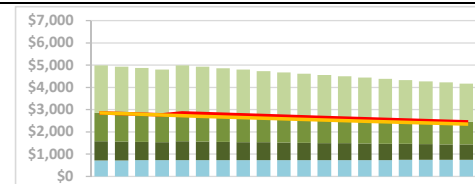
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$798	\$708	\$634	-29%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,352	\$1,169	\$1,018	-34%
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,090	\$1,785	\$1,531	-37%



Freight - 18 Wheeler

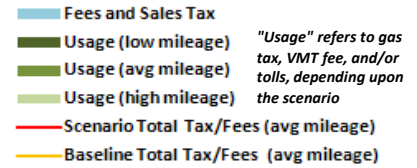
13,000 mi/yr in WA	\$1,571	\$1,551	\$1,541	\$1,486	\$1,427	-8%
32,500 mi/yr in WA	\$2,854	\$2,794	\$2,763	\$2,615	\$2,453	-12%
65,000 mi/yr in WA	\$4,993	\$4,865	\$4,798	\$4,495	\$4,163	-14%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: SALES TAX ON GAS AND DIESEL 6.5%

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Not Indexed
	Sales Tax - 6.5% of retail fuel price		



Estimated Annual Transportation Taxes/Fees Paid (State Collected)

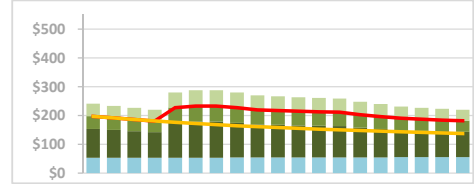
	2007	2009	2014	2019	2025	% Change 2009-2025
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Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

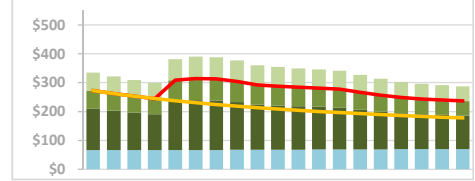
Compact Car

8,000 miles/year	\$153	\$146	\$175	\$163	\$143	-2%
11,500 miles/year	\$197	\$186	\$227	\$211	\$182	-2%
15,000 miles/year	\$241	\$226	\$280	\$259	\$220	-3%



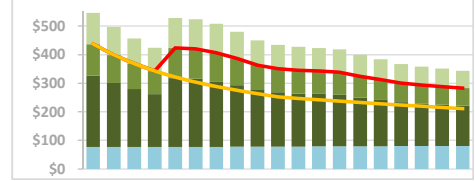
Mid-Size Sedan

8,000 miles/year	\$210	\$196	\$233	\$214	\$186	-6%
11,500 miles/year	\$272	\$253	\$305	\$278	\$236	-7%
15,000 miles/year	\$335	\$310	\$377	\$342	\$287	-7%



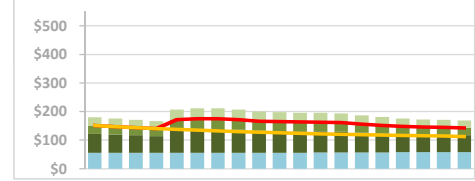
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$293	\$260	\$221	-21%
11,500 miles/year	\$437	\$368	\$387	\$339	\$283	-23%
15,000 miles/year	\$546	\$457	\$480	\$418	\$344	-25%



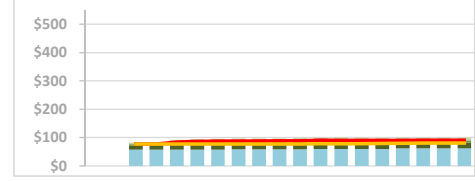
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$137	\$130	\$117	0%
11,500 miles/year	\$151	\$144	\$172	\$162	\$143	-1%
15,000 miles/year	\$180	\$171	\$207	\$194	\$168	-1%



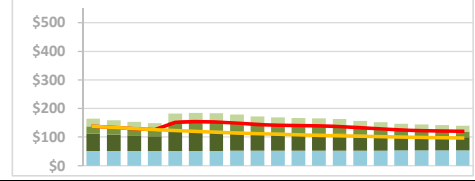
Electric Car

8,000 miles/year	N/A	\$71	\$79	\$81	\$82	15%
11,500 miles/year	N/A	\$77	\$88	\$91	\$91	18%
15,000 miles/year	N/A	\$82	\$97	\$100	\$99	21%



Motorcycle

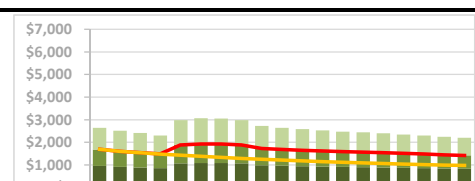
8,000 miles/year	\$112	\$106	\$120	\$111	\$99	-6%
11,500 miles/year	\$138	\$129	\$149	\$137	\$120	-7%
15,000 miles/year	\$164	\$153	\$179	\$163	\$140	-8%



COMMERCIAL VEHICLES

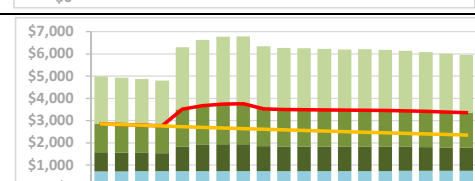
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$1,068	\$916	\$835	-7%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,891	\$1,586	\$1,420	-8%
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,989	\$2,480	\$2,201	-9%



Freight - 18 Wheeler

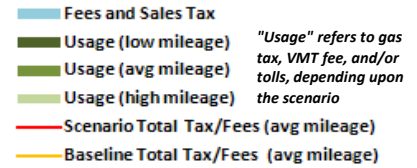
13,000 mi/yr in WA	\$1,571	\$1,551	\$1,938	\$1,826	\$1,784	15%
32,500 mi/yr in WA	\$2,854	\$2,794	\$3,754	\$3,464	\$3,347	20%
65,000 mi/yr in WA	\$4,993	\$4,865	\$6,781	\$6,194	\$5,951	22%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: INCREASE LICENSE, REGISTRATION, AND WEIGHT FEES (DOUBLE FEES)

Description:	License/Registration/Weight Fees	\$10/\$63.75/\$40	Not Indexed
	Gas Tax	\$0.375 per gallon	Not Indexed



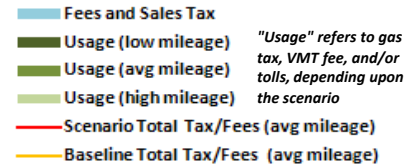
Estimated Annual Transportation Taxes/Fees Paid (State Collected)

	2007	2009	2014	2019	2025	% Change 2009-2025	Total Annual Tax/Fee Expenditure by Type
PASSENGER VEHICLES							
Compact Car							
8,000 miles/year	\$153	\$146	\$176	\$166	\$157	8%	
11,500 miles/year	\$197	\$186	\$210	\$195	\$182	-2%	
15,000 miles/year	\$241	\$226	\$244	\$224	\$207	-9%	
Mid-Size Sedan							
8,000 miles/year	\$210	\$196	\$228	\$212	\$200	2%	
11,500 miles/year	\$272	\$253	\$274	\$251	\$232	-8%	
15,000 miles/year	\$335	\$310	\$320	\$290	\$265	-14%	
Large SUV/ Pick-Up							
8,000 miles/year	\$327	\$280	\$280	\$254	\$236	-15%	
11,500 miles/year	\$437	\$368	\$340	\$302	\$276	-25%	
15,000 miles/year	\$546	\$457	\$400	\$351	\$316	-31%	
Hybrid Vehicle							
8,000 miles/year	\$122	\$117	\$152	\$146	\$141	21%	
11,500 miles/year	\$151	\$144	\$175	\$166	\$158	10%	
15,000 miles/year	\$180	\$171	\$198	\$185	\$174	2%	
Electric Car							
8,000 miles/year	N/A	\$71	\$117	\$118	\$120	69%	
11,500 miles/year	N/A	\$77	\$122	\$124	\$125	64%	
15,000 miles/year	N/A	\$82	\$128	\$129	\$131	59%	
Motorcycle							
8,000 miles/year	\$112	\$106	\$140	\$133	\$128	21%	
11,500 miles/year	\$138	\$129	\$159	\$149	\$141	9%	
15,000 miles/year	\$164	\$153	\$178	\$165	\$154	1%	
COMMERCIAL VEHICLES							
Freight - Medium Duty							
13,500 mi/yr in WA	\$960	\$893	\$971	\$886	\$817	-9%	
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,491	\$1,320	\$1,178	-24%	
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,186	\$1,899	\$1,661	-31%	
Freight - 18 Wheeler							
13,000 mi/yr in WA	\$1,571	\$1,551	\$2,146	\$2,094	\$2,039	31%	
32,500 mi/yr in WA	\$2,854	\$2,794	\$3,294	\$3,155	\$3,004	8%	
65,000 mi/yr in WA	\$4,993	\$4,865	\$5,208	\$4,924	\$4,612	-5%	

ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: VMT FEES - FLAT RATE OF \$0.01 PER MILE

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Not Indexed
	VMT Fee (Flat Rate)	\$0.01/mile	



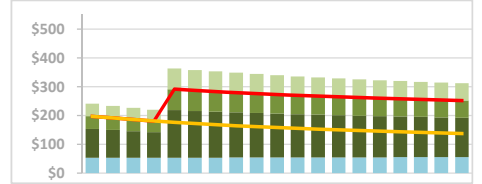
Estimated Annual Transportation Taxes/Fees Paid (State Collected)						
	2007	2009	2014	2019	2025	% Change 2009-2025

Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

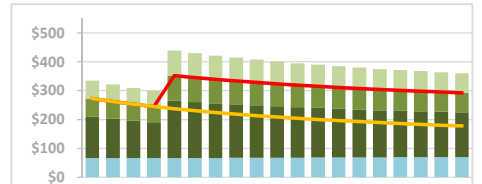
Compact Car

8,000 miles/year	\$153	\$146	\$211	\$201	\$192	32%
11,500 miles/year	\$197	\$186	\$280	\$265	\$252	36%
15,000 miles/year	\$241	\$226	\$349	\$329	\$312	38%



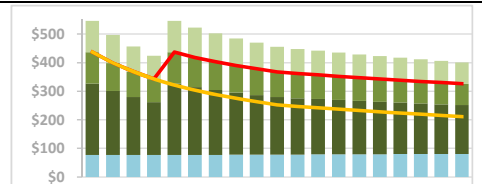
Mid-Size Sedan

8,000 miles/year	\$210	\$196	\$253	\$237	\$225	14%
11,500 miles/year	\$272	\$253	\$334	\$311	\$292	15%
15,000 miles/year	\$335	\$310	\$415	\$385	\$360	16%



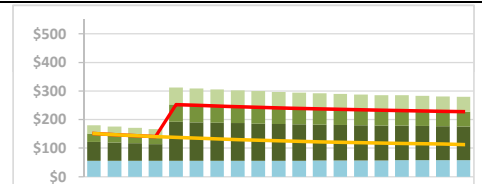
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$295	\$269	\$251	-10%
11,500 miles/year	\$437	\$368	\$390	\$352	\$326	-11%
15,000 miles/year	\$546	\$457	\$485	\$436	\$401	-12%



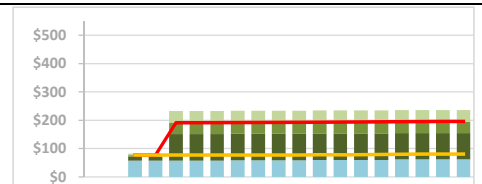
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$187	\$181	\$176	51%
11,500 miles/year	\$151	\$144	\$245	\$236	\$228	58%
15,000 miles/year	\$180	\$171	\$303	\$290	\$279	64%



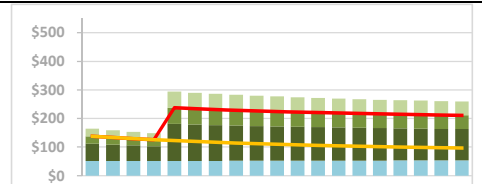
Electric Car

8,000 miles/year	N/A	\$71	\$152	\$153	\$155	118%
11,500 miles/year	N/A	\$77	\$192	\$194	\$195	155%
15,000 miles/year	N/A	\$82	\$233	\$234	\$236	187%



Motorcycle

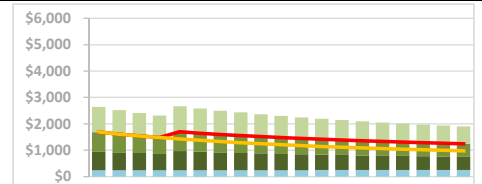
8,000 miles/year	\$112	\$106	\$175	\$168	\$163	54%
11,500 miles/year	\$138	\$129	\$229	\$219	\$211	63%
15,000 miles/year	\$164	\$153	\$283	\$270	\$259	69%



COMMERCIAL VEHICLES

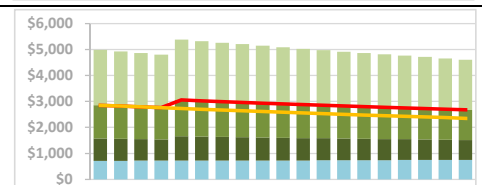
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$900	\$815	\$746	-17%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,555	\$1,384	\$1,242	-20%
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,430	\$2,143	\$1,905	-21%



Freight - 18 Wheeler

13,000 mi/yr in WA	\$1,571	\$1,551	\$1,623	\$1,571	\$1,516	-2%
32,500 mi/yr in WA	\$2,854	\$2,794	\$2,966	\$2,827	\$2,676	-4%
65,000 mi/yr in WA	\$4,993	\$4,865	\$5,205	\$4,921	\$4,609	-5%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: VMT FEES - VARIABLE BY VEHICLE TYPE

Description: License/Registration/Weight Fees \$5/\$33.75/\$20 Not Indexed
 Gas Tax \$0.375 per gallon Not Indexed
 Fees start at \$0.001-\$0.01 per mile and increase to \$0.005-\$0.025 per mile
 Set to maintain 2009 tax levels (electric/hybrids increase to compact car levels)

■ Fees and Sales Tax
■ Usage (low mileage)
■ Usage (avg mileage)
■ Usage (high mileage)
— Scenario Total Tax/Fees (avg mileage)
— Baseline Total Tax/Fees (avg mileage)

"Usage" refers to gas tax, VMT fee, and/or tolls, depending upon the scenario

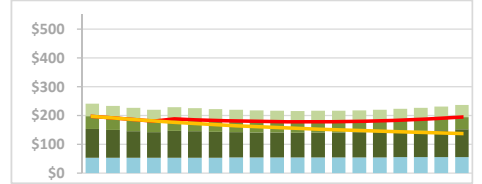
Estimated Annual Transportation Taxes/Fees Paid (State Collected)						
2007	2009	2014	2019	2025	% Change	
						2009-2025

Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

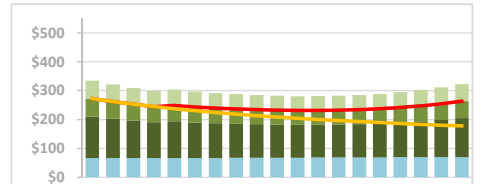
Compact Car

8,000 miles/year	\$153	\$146	\$142	\$141	\$152	4%
11,500 miles/year	\$197	\$186	\$181	\$179	\$194	5%
15,000 miles/year	\$241	\$226	\$220	\$217	\$237	5%



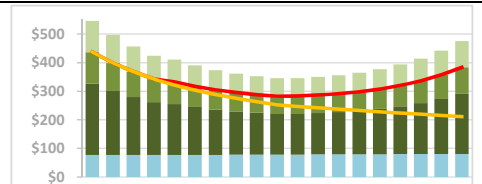
Mid-Size Sedan

8,000 miles/year	\$210	\$196	\$185	\$183	\$205	4%
11,500 miles/year	\$272	\$253	\$237	\$233	\$264	4%
15,000 miles/year	\$335	\$310	\$288	\$283	\$323	4%



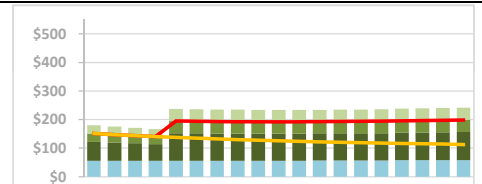
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$280	\$229	\$227	\$291	4%
11,500 miles/year	\$437	\$368	\$296	\$291	\$384	4%
15,000 miles/year	\$546	\$457	\$362	\$356	\$476	4%



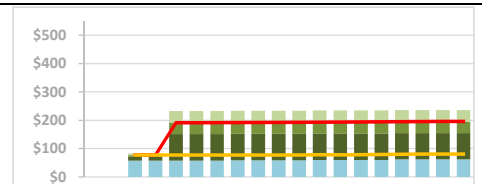
Hybrid Vehicle

8,000 miles/year	\$122	\$117	\$151	\$152	\$156	34%
11,500 miles/year	\$151	\$144	\$193	\$193	\$199	38%
15,000 miles/year	\$180	\$171	\$234	\$235	\$242	42%



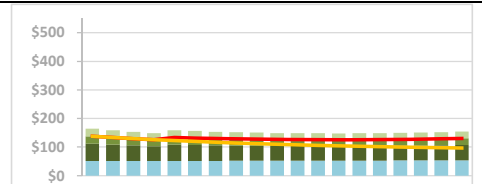
Electric Car

8,000 miles/year	N/A	\$71	\$152	\$153	\$155	118%
11,500 miles/year	N/A	\$77	\$192	\$194	\$195	155%
15,000 miles/year	N/A	\$82	\$233	\$234	\$236	187%



Motorcycle

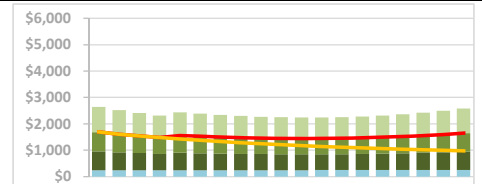
8,000 miles/year	\$112	\$106	\$105	\$103	\$107	1%
11,500 miles/year	\$138	\$129	\$129	\$126	\$130	1%
15,000 miles/year	\$164	\$153	\$152	\$148	\$154	1%



COMMERCIAL VEHICLES

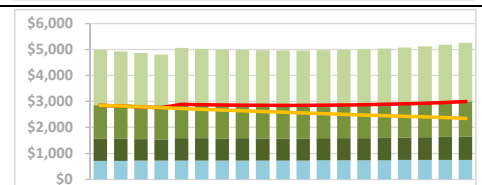
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$893	\$860	\$850	\$948	6%
27,000 mi/yr in WA	\$1,683	\$1,544	\$1,476	\$1,453	\$1,647	7%
45,000 mi/yr in WA	\$2,647	\$2,412	\$2,297	\$2,257	\$2,580	7%



Freight - 18 Wheeler

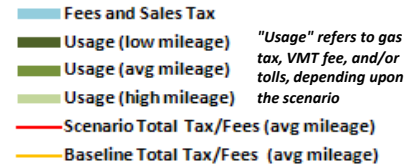
13,000 mi/yr in WA	\$1,571	\$1,551	\$1,580	\$1,585	\$1,646	6%
32,500 mi/yr in WA	\$2,854	\$2,794	\$2,860	\$2,861	\$3,001	7%
65,000 mi/yr in WA	\$4,993	\$4,865	\$4,992	\$4,988	\$5,259	8%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: TACOMA NARROWS BRIDGE COMMUTER

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Not Indexed
	Tolls (TNB 3 times per week at "Good 2 Go" Rates)		



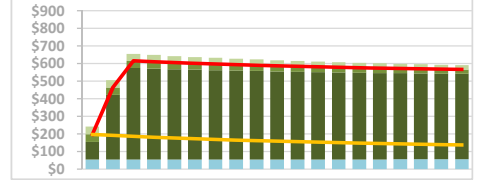
Estimated Annual Transportation Taxes/Fees Paid (State Collected)						
	2007	2009	2014	2019	2025	% Change 2009-2025

Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

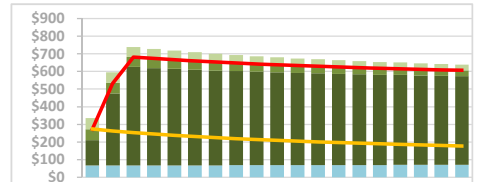
Compact Car

8,000 miles/year	\$153	\$575	\$560	\$550	\$541	-6%
11,500 miles/year	\$197	\$615	\$594	\$579	\$566	-8%
15,000 miles/year	\$241	\$655	\$628	\$608	\$591	-10%



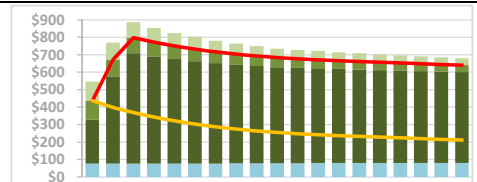
Mid-Size Sedan

8,000 miles/year	\$210	\$625	\$602	\$586	\$574	-8%
11,500 miles/year	\$272	\$682	\$648	\$625	\$606	-11%
15,000 miles/year	\$335	\$739	\$694	\$664	\$639	-14%



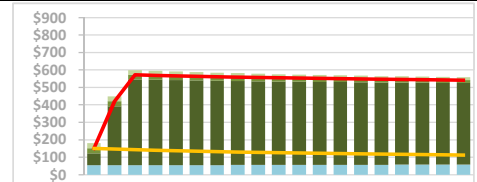
Large SUV/ Pick-Up

8,000 miles/year	\$327	\$709	\$644	\$618	\$600	-15%
11,500 miles/year	\$437	\$797	\$704	\$666	\$640	-20%
15,000 miles/year	\$546	\$886	\$764	\$715	\$680	-23%



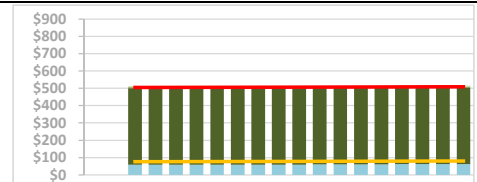
Hybrid Vehicle

8,000 miles/year	\$122	\$546	\$536	\$530	\$525	-4%
11,500 miles/year	\$151	\$573	\$559	\$550	\$542	-5%
15,000 miles/year	\$180	\$600	\$582	\$569	\$558	-7%



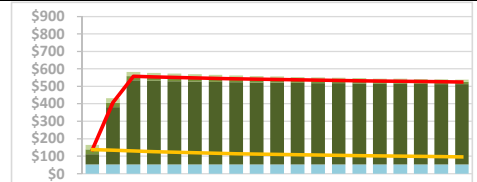
Electric Car

8,000 miles/year	N/A	\$500	\$501	\$502	\$504	1%
11,500 miles/year	N/A	\$506	\$506	\$508	\$509	1%
15,000 miles/year	N/A	\$511	\$512	\$513	\$515	1%



Motorcycle

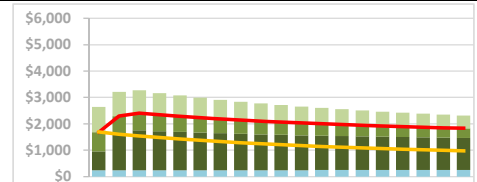
8,000 miles/year	\$112	\$535	\$524	\$517	\$512	-4%
11,500 miles/year	\$138	\$558	\$543	\$533	\$525	-6%
15,000 miles/year	\$164	\$582	\$562	\$549	\$538	-8%



COMMERCIAL VEHICLES

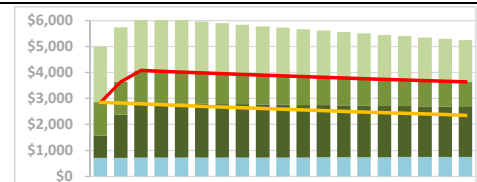
Freight - Medium Duty

13,500 mi/yr in WA	\$960	\$1,751	\$1,623	\$1,538	\$1,469	-16%
27,000 mi/yr in WA	\$1,683	\$2,402	\$2,143	\$1,972	\$1,830	-24%
45,000 mi/yr in WA	\$2,647	\$3,270	\$2,838	\$2,551	\$2,313	-29%



Freight - 18 Wheeler

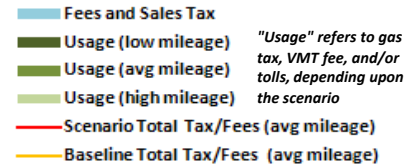
13,000 mi/yr in WA	\$1,571	\$2,838	\$2,780	\$2,728	\$2,673	-6%
32,500 mi/yr in WA	\$2,854	\$4,081	\$3,928	\$3,789	\$3,638	-11%
65,000 mi/yr in WA	\$4,993	\$6,152	\$5,842	\$5,558	\$5,246	-15%



ESTIMATED IMPACTS OF POTENTIAL FUNDING SCENARIOS BASED ON VEHICLE TYPE AND MILES DRIVEN

SCENARIO: REGULAR FERRY RIDER

Description:	License/Registration/Weight Fees	\$5/\$33.75/\$20	Not Indexed
	Gas Tax	\$0.375 per gallon	Not Indexed
	Ferry Fares (2 roundtrips per week at frequent user Central Sound rates)		
	Assumes 2.5% annual fare increases		



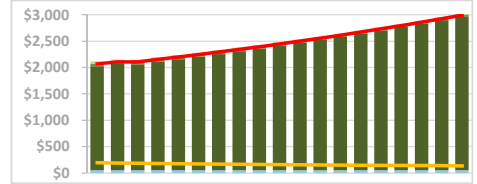
Estimated Annual Transportation Taxes/Fees Paid (State Collected)						
	2007	2009	2014	2019	2025	% Change 2009-2025

Total Annual Tax/Fee Expenditure by Type

PASSENGER VEHICLES

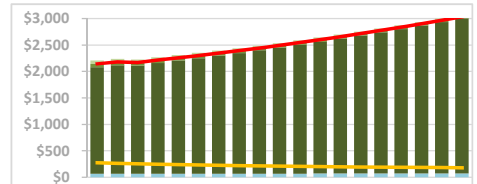
Compact Car

8,000 miles/year	\$2,025	\$2,063	\$2,308	\$2,583	\$2,968	44%
11,500 miles/year	\$2,069	\$2,104	\$2,341	\$2,612	\$2,993	42%
15,000 miles/year	\$2,113	\$2,144	\$2,375	\$2,641	\$3,018	41%



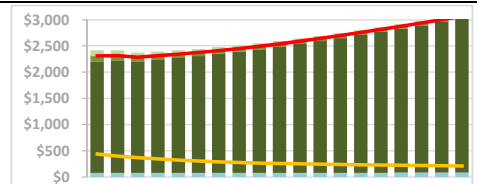
Mid-Size Sedan

8,000 miles/year	\$2,082	\$2,114	\$2,350	\$2,620	\$3,001	42%
11,500 miles/year	\$2,144	\$2,171	\$2,396	\$2,659	\$3,033	40%
15,000 miles/year	\$2,207	\$2,228	\$2,442	\$2,698	\$3,066	38%



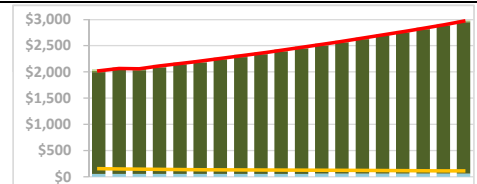
Large SUV/ Pick-Up

8,000 miles/year	\$2,199	\$2,197	\$2,392	\$2,652	\$3,027	38%
11,500 miles/year	\$2,309	\$2,286	\$2,452	\$2,700	\$3,067	34%
15,000 miles/year	\$2,418	\$2,374	\$2,512	\$2,748	\$3,107	31%



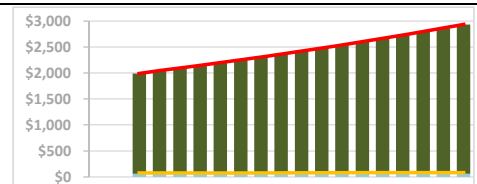
Hybrid Vehicle

8,000 miles/year	\$1,994	\$2,034	\$2,284	\$2,564	\$2,952	45%
11,500 miles/year	\$2,023	\$2,061	\$2,307	\$2,583	\$2,968	44%
15,000 miles/year	\$2,052	\$2,088	\$2,329	\$2,603	\$2,985	43%



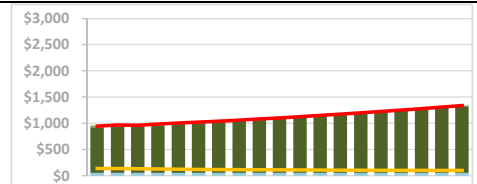
Electric Car

8,000 miles/year	N/A	\$1,989	\$2,248	\$2,536	\$2,930	47%
11,500 miles/year	N/A	\$1,994	\$2,254	\$2,541	\$2,936	47%
15,000 miles/year	N/A	\$2,000	\$2,260	\$2,547	\$2,942	47%



Motorcycle

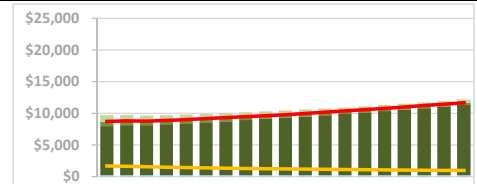
8,000 miles/year	\$919	\$938	\$1,041	\$1,159	\$1,324	41%
11,500 miles/year	\$945	\$961	\$1,060	\$1,174	\$1,337	39%
15,000 miles/year	\$971	\$985	\$1,079	\$1,190	\$1,350	37%



COMMERCIAL VEHICLES

Freight - Medium Duty

13,500 mi/yr in WA	\$7,980	\$8,101	\$8,927	\$9,915	\$11,320	40%
27,000 mi/yr in WA	\$8,703	\$8,751	\$9,448	\$10,349	\$11,682	33%
45,000 mi/yr in WA	\$9,667	\$9,619	\$10,142	\$10,927	\$12,164	26%



Freight - 18 Wheeler

13,000 mi/yr in WA	\$15,611	\$15,965	\$17,817	\$19,910	\$22,804	43%
32,500 mi/yr in WA	\$16,894	\$17,208	\$18,965	\$20,971	\$23,769	38%
65,000 mi/yr in WA	\$19,033	\$19,280	\$20,879	\$22,740	\$25,377	32%

