

Draft SB 339 Pilot Road Charge Rate

California Transportation Commission

1. Number of Registered Vehicles

2. Annual Vehicle Miles Travelled (VMT)

DMV Speechmaker Card No. 7

TOP 10 DMV FACTS

(As of January 1, 2021)

1. Licensed Drivers:	26,869,525
Including Teen Drivers (16-19 years old):	733,970
2. Identification (ID) Cards:	6,640,024
3. Registered Vehicles:	35,820,417
Including registered Motorcycles:	864,494
4. Registered Special Interest Plates:	1,043,950
5. Registered Off Highway Vehicles:	
6. Disabled Placards:	
7. Registered Hybrid/Electric Vehicles:	
Hybrid Vehicles:	
Electric Vehicles:	
8. Licensed Auto Dealers in California:	
New Vehicle Dealers:	
Used Vehicle Dealers:	

Table - 5. Changes on August

Region And State	Number of Stations	Vehicle-Miles (Millions)	
		2021 (Preliminary)	2020
California	157	28,058	25,696

NON-ZEV POPULATION

Total Light-Duty Vehicles end of 2020

28,030,332

Bio Diesel	Diesel	Flex Fuel	Gasoline	Gasoline Hybrid	Natural Gas	Propane
0.470%	1.973%	3.993%	87.286%	4.031%	0.027%	0.003%
134,834	565,532	1,144,536	25,021,380	1,155,477	7,676	897

Light-Duty



&

Med/Heavy-Duty

(weigh > 10,000 pounds)



Need to differentiate between:

- Light-duty vehicles
- Medium and Heavy-Duty Vehicles

Data Sources:

- Federal Highway Administration (FHWA)
- Department of Motor Vehicles (DMV)
- California Energy Commission (CEC)
- California Department of Transportation (Caltrans)



Revenues Needed

Light-Duty Vehicles:

- Gasoline Excise
- Road Improvement Fee
- Admin Fee

Medium/Heavy-Duty Vehicles:

- Diesel Excise
- Admin Fee

Convert to 2022 Value

Estimating the Admin Fee

- Ratio of expenditure to revenues (expenditures / revenues) -

- Board of Equalization
- California Department of Tax and Fee Administration
- Vehicle License Fee fund administrative costs
- Oregon administrative fees

Rate

$$\text{Revenue} / \text{Total Annual VMT} = \text{Rate per Mile}$$

(\$)

(miles)

(\$/mile)

This is an example for reference only

These Numbers Are NOT FINAL and are Subject to Change as this is a Working Document

Revenue (FY 2019-20 revenue converted to YR 2022 value)	\$7,752,981,287
FY 2019-20 Registered vehicles (<i>see tab "Registers + Drivers + VMT"</i>)	27,505,696
FY 2019-20 Total VMT Light-duty (miles)	314,747,186,049
Average VMT per register (miles/ year) (<i>=total VMT/registered</i>)	11,443
Rate \$ per mile (<i>=total \$ revenue/total miles</i>)	\$ 0.025
Payment \$ per registered vehicle (<i>=rate/mile x miles/register</i>)	\$ 282

Example

Similar to Caltrans' \$0.02, \$0.03, and \$0.04 rates

Wondering how much you'll pay?

Try the Road Charge Calculator

1 MILEAGE
How many miles do you drive per month?*

953

2 VEHICLE

I know my vehicle's MPG
 Find my vehicle's MPG

37

3 HOW MUCH YOU PAY**

Rates are hypothetical and would be set by the California Legislature.
The gas tax rate is based on changes effective July 1, 2021.
EPA Fuel Economy

If the road charge per-mile rate is:

\$0.02 \$0.03 \$0.04

Total Monthly Road Charge (at \$0.03 per mile)

\$28.59

Total Monthly State Fuel Tax (at \$0.511 per gallon)

\$13.16

**Does not include any federal or local taxes.

This is an example of tool only, not the actual rate

- Miles per Gallon (MPG) and estimated VMT impacts estimated payment per registered vehicle.

Caltrans' estimated tool

Example rate of a vehicle made in 2017
(37 MPG)

1 MILEAGE
How many miles do you drive per month?*

2 VEHICLE
 I know my vehicle's MPG
 Find my vehicle's MPG

3 HOW MUCH YOU PAY**
Rates are hypothetical and would be set by the California Legislature.
The gas tax rate is based on changes effective July 1, 2021.
EPA Fuel Economy
If the road charge per-mile rate is:
 \$.02 \$.03 \$.04

Total Monthly Road Charge (at \$0.03 per mile)
\$28.59

Total Monthly State Fuel Tax (at \$0.511 per gallon)
\$13.16

**Does not include any federal or local taxes.

Example rate of a vehicle made in 2006
(24 MPG)

1 MILEAGE
How many miles do you drive per month?*

2 VEHICLE
 I know my vehicle's MPG
 Find my vehicle's MPG

3 HOW MUCH YOU PAY**
Rates are hypothetical and would be set by the California Legislature.
The gas tax rate is based on changes effective July 1, 2021.
EPA Fuel Economy
If the road charge per-mile rate is:
 \$.02 \$.03 \$.04

Total Monthly Road Charge (at \$0.03 per mile)
\$28.59

Total Monthly State Fuel Tax (at \$0.511 per gallon)
\$20.29

**Does not include any federal or local taxes.

These are examples of tool only, not the actual rate

Next steps

1. Coordinate with Caltrans and take into account their feedback.
2. Finalize the rate to be included in the pilot recommendations.

Questions?

Thank You

Hannah.Walter@catc.ca.gov