

## ENVIRONMENTAL PERFORMANCE LABEL SCORES

### GLOBAL WARMING SCORE

The Global Warming score is based on the sum of a vehicle's greenhouse gas emissions which are identified as the CO2-equivalent value. The measured emissions include Carbon Dioxide (CO<sub>2</sub>), Methane (CH<sub>4</sub>), Nitrous Oxide (N<sub>2</sub>O) and emissions related to the use of air conditioning.

Beginning in 2009 in California, all new vehicles are required to display a global warming score. The global warming score ranks each vehicle's CO2-equivalent value on a scale of 1 – 10 (10 being the cleanest) relative to all other vehicles within the current model year. The scores are also properly adjusted to reflect the contribution of greenhouse gas emissions from the production and distribution of the fuel type used.

The table below shows the CO2-equivalent emission levels for each global warming score. The average vehicle available in California today will get a global warming score of 5.

Global Warming Score	CO2 – equivalent Grams per mile
10	Less than 200
9	200-239
8	240-279
7	280-319
6	320-359
5	360-399
4	400-439
3	440-479
2	480-519
1	520 and up

### SMOG SCORE

Beginning in 2009 in California, all new vehicles are required to display a smog score. The smog score ranks each vehicle's pollutant levels of non-methane organic gases (NMOG) and oxides of nitrogen (NO<sub>x</sub>) relative to all other vehicles within the current model year.

Smog scores will be on a scale of 1 – 10, with 10 being the cleanest. The average vehicle available in California today will get a smog score of 5. The table below shows the pollutant levels associated with each smog score. Many older vehicles fall below a smog score of 1. This is because, over time, there have been significant advances in air pollution control technologies and the Air Resources Board has established more stringent pollution standards for vehicles.

A vehicle's certification level can be found under the hood on the Vehicle Emissions Control Information label.

Pollutant levels allowed for each smog score:

Smog Score	NMOG + Nox (g/mile)**
10	0.000
9*	0.030
8	0.030
7	0.085
6	0.110
5	0.125
4	0.160
3	0.190
2	0.200
1	>0.356

\*A Smog Score of 9 was given to vehicles certifying to the California PZEV and ATPZEV standards based on the longer useful life, zero evaporative emissions requirements, and extended warranty for these vehicles compared to vehicles certifying to the SULEV standards.

\*\*Does not include upstream emissions.