



Coding of Corrected VEHTYPE V2.1

In the process of estimating miles per gallon per vehicle, EIA created a variable called VEHCLASS, which defined vehicle type based on make and model. Using this new variable as the foundation, a new derived VEHTYPE variable was created, replacing the self-reported VEHTYPE variable on Versions 1 and 2.0. The following table summarizes the VEHCLASS values for each VEHTYPE.

VEHTYPE	VEHCLASS
01 = Automobile/car/station wagon	Compact Large Midsize Mini-compact Subcompact Two Seater
02 = Van (mini, cargo, passenger)	Passenger Van Cargo Van
03 = Sports utility vehicle	Special Purpose
04 = Pickup truck	Small Pickup Standard Pickup Cab Chassis

EIA had a final category of VEHCLASS called “Not Known.” These include vehicles that were classified as “Other truck,” “RV,” “Motorcycle,” “Golf cart,” and “Other” according to the self-reported VEHTYPE. For these values of VEHCLASS, the original self-reported VEHTYPE was retained. The following table compares the newly created VEHTYPE variable to the self-reported VEHTYPE variable in V1 and 2.0, in terms of sample vehicles:

New VEHTYPE	Self-Reported VEHTYPE	Sample Vehicles	%
Refused	Refused	153	0.1
Don't know	Don't know	192	0.1
Not ascertained	Not ascertained	16	0.0
Automobile/car/station wagon	Automobile/car/station wagon	149,065	48.2
Automobile/car/station wagon	Van (mini, cargo, passenger)	103	0.0
Automobile/car/station wagon	Sports utility vehicle	5,132	1.7
Automobile/car/station wagon	Pickup truck	293	0.1



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	Automobile/car/station		
Van (mini, cargo, passenger)	wagon	70	0.0
Van (mini, cargo, passenger)	Van (mini, cargo, passenger)	23,894	7.7
Van (mini, cargo, passenger)	Sports utility vehicle	252	0.1
Van (mini, cargo, passenger)	Pickup truck	56	0.0
	Automobile/car/station		
Sports utility vehicle	wagon	1,764	0.6
Sports utility vehicle	Van (mini, cargo, passenger)	69	0.0
Sports utility vehicle	Sports utility vehicle	52,874	17.1
Sports utility vehicle	Pickup truck	53	0.0
	Automobile/car/station		
Pickup truck	wagon	339	0.1
Pickup truck	Van (mini, cargo, passenger)	79	0.0
Pickup truck	Sports utility vehicle	460	0.2
Pickup truck	Pickup truck	59,906	19.4
Other truck	Other truck	1,152	0.4
RV (recreational vehicle)	RV (recreational vehicle)	2,193	0.7
Motorcycle	Motorcycle	10,202	3.3
Golf cart	Golf cart	292	0.1
Other	Other	554	0.2
		<u>309,163</u>	<u>100.0</u>

Shaded lines indicate agreement between the two versions of VEHTYPE. These values comprise 97.2% of all sample vehicles.