














## Description of Classes

	<p><b>CLASS 1: <i>Motorcycles</i></b> -- All two or three-wheeled motorized vehicles. Typical vehicles in this category have saddle type seats and are steered by handlebars rather than steering wheels. This category includes motorcycles, motor scooters, mopeds, motor-powered bicycles, and three-wheel motorcycles.</p>
	<p><b>CLASS 2: <i>Passenger Cars</i></b> -- All sedans, coupes, and station wagons manufactured primarily for the purpose of carrying passengers and including those passenger cars pulling recreational or other light trailers.</p>
	<p><b>CLASS 3: <i>Other Two-Axle, Four-Tire Single Unit Vehicles</i></b> -- All two-axle, four-tire vehicles, other than passenger cars. Included in this classification are pickups, panels, vans, and other vehicles such as campers, motor homes, ambulances, hearses, carryalls, and minibuses. Other two-axle, four-tire single-unit vehicles pulling recreational or other light trailers are included in this classification.</p>
	<p><b>CLASS 4: <i>Buses</i></b> -- All vehicles manufactured as traditional passenger-carrying buses with two axles and six tires or three or more axles. This category includes only traditional buses (including school buses) functioning as passenger-carrying vehicles. Modified buses should be considered to be a truck and should be appropriately classified.</p>
	<p><b>CLASS 5: <i>Two-Axle, Six-Tire, Single-Unit Trucks</i></b> -- All vehicles on a single frame including trucks, camping and recreational vehicles, motor homes, etc., with two axles and dual rear wheels.</p>
	<p><b>CLASS 6: <i>Three-Axle Single-Unit Trucks</i></b> -- All vehicles on a single frame including trucks, camping and recreational vehicles, motor homes, etc., with three axles.</p>
	<p><b>CLASS 7: <i>Four or More Axle Single-Unit Trucks</i></b> -- All trucks on a single frame with four or more axles.</p>
	<p><b>CLASS 8: <i>Four or Fewer Axle Single-Trailer Trucks</i></b> -- All vehicles with four or fewer axles consisting of two units, one of which is a tractor or straight truck power unit.</p>
	<p><b>CLASS 9: <i>Five-Axle Single-Trailer Trucks</i></b> -- All five-axle vehicles consisting of two units, one of which is a tractor or straight truck power unit.</p>
	<p><b>CLASS 10: <i>Six or More Axle Single-Trailer Trucks</i></b> -- All vehicles with six or more axles consisting of two units, one of which is a tractor or straight truck power unit.</p>
	<p><b>CLASS 11: <i>Five or fewer Axle Multi-Trailer Trucks</i></b> -- All vehicles with five or fewer axles consisting of three or more units, one of which is a tractor or straight truck power unit.</p>
	<p><b>CLASS 12: <i>Six-Axle Multi-Trailer Trucks</i></b> -- All six-axle vehicles consisting of three or more units, one of which is a tractor or straight truck power unit.</p>
	<p><b>CLASS 13: <i>Seven or More Axle Multi-Trailer Trucks</i></b> -- All vehicles with seven or more axles consisting of three or more units, one of which is a tractor or straight truck power unit.</p>

**NOTE:** The following criteria should be used for reporting information about trucks:

- a. Truck tractor units traveling without a trailer will be considered single-unit trucks.
- b. A truck tractor unit pulling other such units in a "saddle mount" configuration will be considered as combination-unit truck and will be defined only by the axles on the pulling unit.
- c. Vehicles are defined by the number of axles in contact with the road. Therefore, "floating" axles are counted only when in the down position.
- d. The term "trailer" includes both semi and full trailers.

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
DATA SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2019

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.31%	69.38%	13.80%	1.74%	3.74%	0.50%	0.23%	1.37%	8.34%	0.11%	0.25%	0.19%	0.04%	100.00%
2	0.38%	71.79%	18.86%	0.91%	3.61%	0.65%	0.24%	0.94%	2.50%	0.07%	0.03%	0.02%	0.00%	100.00%
3	0.35%	72.89%	16.34%	0.77%	3.00%	0.52%	0.21%	0.78%	4.94%	0.09%	0.06%	0.04%	0.01%	100.00%
6	0.71%	71.93%	19.69%	1.45%	3.15%	0.75%	0.46%	0.55%	1.14%	0.16%	0.00%	0.00%	0.01%	100.00%
7	0.61%	68.11%	23.08%	1.52%	3.78%	0.76%	0.38%	0.77%	0.97%	0.02%	0.00%	0.00%	0.00%	100.00%
8	0.81%	62.43%	26.66%	0.53%	4.58%	1.38%	1.06%	1.25%	1.23%	0.07%	0.00%	0.00%	0.00%	100.00%
9	0.66%	67.77%	25.92%	0.39%	3.42%	0.92%	0.00%	0.92%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
11	0.14%	78.08%	12.29%	0.85%	2.52%	0.66%	0.18%	0.76%	4.21%	0.08%	0.12%	0.08%	0.03%	100.00%
12	0.25%	80.88%	13.06%	0.91%	2.22%	0.85%	0.20%	0.58%	1.00%	0.02%	0.01%	0.00%	0.02%	100.00%
14	0.24%	81.81%	13.20%	0.62%	2.26%	0.52%	0.14%	0.39%	0.81%	0.01%	0.00%	0.00%	0.00%	100.00%
16	0.26%	82.33%	13.39%	0.56%	2.04%	0.56%	0.12%	0.35%	0.38%	0.01%	0.00%	0.00%	0.00%	100.00%
17	0.33%	81.86%	12.88%	0.36%	2.49%	1.03%	0.12%	0.80%	0.12%	0.01%	0.00%	0.00%	0.00%	100.00%
18	0.37%	80.51%	14.90%	0.30%	2.46%	0.92%	0.03%	0.48%	0.02%	0.01%	0.00%	0.00%	0.00%	100.00%
19	0.50%	80.47%	13.55%	0.24%	2.63%	0.89%	0.04%	1.49%	0.13%	0.04%	0.00%	0.00%	0.02%	100.00%
Total System	0.23%	79.39%	13.36%	0.78%	2.46%	0.66%	0.17%	0.62%	2.19%	0.04%	0.05%	0.03%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

NOTE: Functional Class updated

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER FREEWAY & EXPRESSWAY
- 3 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 18 - MINOR COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
DATA SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2018

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.26%	71.50%	14.92%	0.97%	3.24%	0.51%	0.23%	1.03%	6.88%	0.13%	0.17%	0.10%	0.06%	100.00%
2	0.32%	72.75%	17.35%	0.79%	3.80%	0.70%	0.27%	0.92%	2.97%	0.05%	0.06%	0.02%	0.00%	100.00%
3	0.23%	67.37%	17.82%	1.04%	4.24%	0.73%	0.43%	1.15%	6.80%	0.05%	0.10%	0.04%	0.00%	100.00%
6	0.31%	72.59%	19.83%	0.59%	3.83%	0.64%	0.18%	0.70%	1.28%	0.03%	0.02%	0.00%	0.00%	100.00%
7	0.57%	68.02%	22.38%	0.95%	5.21%	0.83%	0.19%	0.84%	0.97%	0.04%	0.00%	0.00%	0.00%	100.00%
8	0.86%	64.34%	25.31%	0.86%	6.38%	0.82%	0.08%	0.76%	0.56%	0.03%	0.00%	0.00%	0.00%	100.00%
9	0.53%	66.67%	24.14%	1.47%	5.46%	0.73%	0.06%	0.72%	0.22%	0.00%	0.00%	0.00%	0.00%	100.00%
11	0.13%	79.87%	12.30%	0.96%	2.51%	0.48%	0.17%	0.57%	2.81%	0.06%	0.07%	0.04%	0.03%	100.00%
12	0.23%	79.70%	13.68%	0.65%	2.92%	0.38%	0.14%	0.62%	1.61%	0.03%	0.02%	0.01%	0.01%	100.00%
14	0.24%	81.86%	13.21%	0.65%	2.46%	0.46%	0.12%	0.38%	0.60%	0.02%	0.00%	0.00%	0.00%	100.00%
16	0.23%	83.35%	12.26%	0.51%	2.45%	0.41%	0.09%	0.37%	0.32%	0.01%	0.00%	0.00%	0.00%	100.00%
17	0.35%	79.43%	15.50%	0.58%	3.01%	0.48%	0.08%	0.30%	0.26%	0.01%	0.00%	0.00%	0.00%	100.00%
18	0.22%	77.28%	16.84%	0.52%	3.72%	0.79%	0.13%	0.24%	0.21%	0.05%	0.00%	0.00%	0.00%	100.00%
19	0.79%	73.68%	16.25%	1.91%	3.48%	1.41%	0.11%	0.60%	1.54%	0.12%	0.00%	0.00%	0.11%	100.00%
Total System	0.38%	74.17%	17.27%	0.89%	3.77%	0.67%	0.16%	0.66%	1.93%	0.05%	0.03%	0.02%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

NOTE: Functional Class updated

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER FREEWAY & EXPRESSWAY
- 3 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
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- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
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STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
DATA SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2017

	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
Functional Classification		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	TOTAL
1	0.23%	71.75%	13.78%	0.97%	2.86%	0.57%	0.17%	1.14%	8.01%	0.17%	0.20%	0.12%	0.03%	100.00%
2	0.88%	73.03%	17.45%	0.76%	3.28%	0.72%	0.19%	0.90%	2.68%	0.04%	0.06%	0.01%	0.00%	100.00%
3	0.25%	70.20%	16.70%	0.89%	3.89%	0.65%	0.31%	1.45%	5.50%	0.04%	0.11%	0.01%	0.00%	100.00%
6	0.47%	70.02%	21.18%	0.72%	4.45%	0.72%	0.35%	0.78%	1.27%	0.03%	0.00%	0.00%	0.01%	100.00%
7	0.78%	70.82%	20.94%	0.70%	4.60%	0.64%	0.18%	0.68%	0.64%	0.02%	0.00%	0.00%	0.00%	100.00%
8	0.59%	72.28%	20.28%	0.62%	4.75%	0.52%	0.17%	0.49%	0.29%	0.01%	0.00%	0.00%	0.00%	100.00%
9	0.91%	74.54%	18.23%	0.72%	4.53%	0.43%	0.07%	0.51%	0.06%	0.00%	0.00%	0.00%	0.00%	100.00%
11	0.13%	80.31%	12.02%	0.89%	2.37%	0.49%	0.16%	0.52%	2.91%	0.07%	0.07%	0.05%	0.01%	100.00%
12	0.26%	82.95%	12.92%	0.56%	1.96%	0.31%	0.12%	0.34%	0.54%	0.02%	0.01%	0.00%	0.01%	100.00%
14	0.27%	81.25%	13.96%	0.65%	2.48%	0.41%	0.11%	0.38%	0.45%	0.03%	0.01%	0.00%	0.00%	100.00%
16	0.32%	82.28%	13.31%	0.59%	2.37%	0.40%	0.07%	0.34%	0.30%	0.02%	0.00%	0.00%	0.00%	100.00%
17	0.64%	82.70%	13.23%	0.58%	2.32%	0.20%	0.06%	0.17%	0.09%	0.01%	0.00%	0.00%	0.00%	100.00%
18	0.77%	81.75%	14.11%	0.27%	2.64%	0.18%	0.07%	0.13%	0.07%	0.01%	0.00%	0.00%	0.00%	100.00%
19	0.45%	80.00%	15.51%	0.48%	2.91%	0.24%	0.05%	0.20%	0.14%	0.02%	0.00%	0.00%	0.00%	100.00%
Total System	0.50%	76.71%	15.97%	0.67%	3.24%	0.46%	0.15%	0.57%	1.64%	0.04%	0.03%	0.01%	0.00%	100.00%

NOTE: Classes 14 and 15 were excluded

NOTE: Functional Class updated

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
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URBAN

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STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
DATA SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2016

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	Total
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	1 AXLES 4 TIRES		3 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.47%	72.84%	12.16%	1.14%	4.00%	0.50%	0.15%	1.28%	6.99%	0.08%	0.20%	0.15%	0.04%	100.00%
2	0.60%	71.78%	18.20%	0.88%	3.67%	0.49%	0.21%	0.93%	3.02%	0.10%	0.09%	0.02%	0.01%	100.00%
6	0.75%	71.32%	19.78%	0.74%	4.67%	0.55%	0.21%	0.74%	1.14%	0.08%	0.02%	0.00%	0.00%	100.00%
7	1.05%	72.75%	19.08%	0.73%	3.86%	1.06%	0.26%	0.59%	0.56%	0.04%	0.01%	0.00%	0.01%	100.00%
8	0.92%	71.78%	20.09%	0.76%	3.87%	1.49%	0.16%	0.56%	0.33%	0.03%	0.01%	0.00%	0.00%	100.00%
9	1.29%	73.41%	18.87%	1.01%	3.71%	0.89%	0.10%	0.53%	0.16%	0.02%	0.00%	0.00%	0.01%	100.00%
11	0.15%	78.83%	11.93%	0.85%	2.84%	0.46%	0.19%	0.69%	3.72%	0.14%	0.11%	0.04%	0.05%	100.00%
12	0.25%	80.29%	13.95%	0.66%	2.64%	0.42%	0.16%	0.46%	1.10%	0.03%	0.02%	0.00%	0.02%	100.00%
14	0.33%	82.08%	12.75%	0.63%	2.62%	0.42%	0.12%	0.46%	0.53%	0.03%	0.01%	0.00%	0.02%	100.00%
16	0.35%	82.60%	12.80%	0.61%	2.52%	0.39%	0.08%	0.36%	0.26%	0.02%	0.00%	0.00%	0.01%	100.00%
17	0.55%	81.74%	13.45%	0.61%	2.41%	0.52%	0.06%	0.34%	0.30%	0.01%	0.00%	0.00%	0.01%	100.00%
19	0.71%	78.88%	15.15%	0.60%	2.75%	0.77%	0.10%	0.42%	0.55%	0.06%	0.00%	0.00%	0.01%	100.00%
Total System	0.62%	76.46%	15.68%	0.77%	3.30%	0.66%	0.15%	0.61%	1.55%	0.06%	0.04%	0.02%	0.09%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
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- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
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STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
DATA SERVICES ENGINEERING DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2015

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.39%	73.43%	12.78%	1.01%	3.33%	0.43%	0.14%	1.23%	6.81%	0.08%	0.19%	0.15%	0.03%	100.00%
2	0.57%	71.80%	18.14%	0.90%	3.65%	0.50%	0.22%	0.96%	3.07%	0.07%	0.10%	0.02%	0.00%	100.00%
6	0.76%	70.96%	20.01%	0.76%	4.79%	0.54%	0.20%	0.75%	1.13%	0.08%	0.02%	0.00%	0.00%	100.00%
7	1.07%	72.66%	19.21%	0.70%	3.85%	1.07%	0.27%	0.59%	0.54%	0.03%	0.01%	0.00%	0.00%	100.00%
8	0.98%	71.09%	20.40%	0.84%	3.99%	1.57%	0.17%	0.57%	0.35%	0.03%	0.01%	0.00%	0.00%	100.00%
9	1.53%	73.93%	18.86%	0.70%	3.56%	0.71%	0.06%	0.47%	0.15%	0.02%	0.00%	0.00%	0.01%	100.00%
11	0.15%	79.23%	11.81%	0.82%	2.83%	0.45%	0.18%	0.68%	3.54%	0.12%	0.11%	0.05%	0.03%	100.00%
12	0.26%	79.79%	14.32%	0.68%	2.65%	0.44%	0.16%	0.47%	1.16%	0.03%	0.02%	0.00%	0.02%	100.00%
14	0.34%	81.85%	12.92%	0.64%	2.65%	0.43%	0.12%	0.47%	0.53%	0.03%	0.00%	0.00%	0.02%	100.00%
16	0.38%	81.72%	13.43%	0.62%	2.64%	0.42%	0.09%	0.38%	0.29%	0.02%	0.00%	0.00%	0.01%	100.00%
17	0.55%	81.19%	13.77%	0.63%	2.52%	0.55%	0.06%	0.33%	0.39%	0.01%	0.00%	0.00%	0.00%	100.00%
19	0.82%	72.31%	19.68%	0.72%	3.67%	1.19%	0.19%	0.50%	0.87%	0.04%	0.00%	0.00%	0.01%	100.00%
Total System	0.63%	76.86%	15.66%	0.71%	3.20%	0.67%	0.15%	0.58%	1.39%	0.04%	0.03%	0.01%	0.05%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
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- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2014  
(Revised March 31, 2015)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.37%	71.06%	13.70%	0.75%	2.66%	0.48%	0.15%	1.68%	8.44%	0.23%	0.27%	0.15%	0.06%	100.00%
2	0.47%	74.79%	17.35%	0.57%	3.13%	0.41%	0.11%	0.56%	2.50%	0.05%	0.03%	0.01%	0.01%	100.00%
6	0.53%	68.93%	22.12%	0.70%	3.90%	0.82%	0.48%	0.61%	1.76%	0.09%	0.03%	0.01%	0.02%	100.00%
7	0.60%	71.15%	19.75%	0.93%	4.55%	0.68%	0.29%	0.58%	1.30%	0.11%	0.00%	0.00%	0.07%	100.00%
8	0.76%	67.32%	23.18%	0.94%	5.40%	0.76%	0.14%	0.78%	0.65%	0.03%	0.03%	0.00%	0.00%	100.00%
9	0.45%	75.05%	17.27%	1.46%	4.18%	0.75%	0.07%	0.50%	0.26%	0.00%	0.00%	0.00%	0.00%	100.00%
11	0.12%	82.88%	11.22%	0.65%	2.06%	0.38%	0.13%	0.51%	1.92%	0.04%	0.05%	0.03%	0.01%	100.00%
12	0.17%	80.93%	14.05%	0.56%	2.63%	0.37%	0.13%	0.34%	0.76%	0.03%	0.02%	0.01%	0.01%	100.00%
14	0.25%	79.85%	14.78%	0.60%	3.10%	0.44%	0.09%	0.40%	0.45%	0.02%	0.01%	0.00%	0.01%	100.00%
16	0.28%	83.46%	12.05%	0.74%	2.42%	0.46%	0.07%	0.33%	0.16%	0.01%	0.00%	0.00%	0.01%	100.00%
17	0.35%	79.98%	14.49%	0.71%	2.58%	0.85%	0.34%	0.36%	0.32%	0.01%	0.01%	0.00%	0.00%	100.00%
19	0.35%	78.95%	14.30%	0.83%	3.41%	0.95%	0.17%	0.48%	0.47%	0.06%	0.02%	0.00%	0.01%	100.00%
Total System	0.23%	79.55%	13.46%	0.64%	2.52%	0.42%	0.14%	0.60%	2.29%	0.06%	0.06%	0.03%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL



STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2013  
(Revised May 8, 2014)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.33%	72.67%	13.59%	0.70%	2.66%	0.57%	0.17%	1.29%	7.36%	0.23%	0.23%	0.12%	0.09%	100.00%
2	0.40%	74.28%	18.09%	0.53%	3.29%	0.44%	0.12%	0.51%	2.15%	0.10%	0.02%	0.01%	0.07%	100.00%
6	0.49%	69.53%	21.92%	0.72%	3.76%	0.75%	0.40%	0.41%	1.88%	0.08%	0.02%	0.01%	0.02%	100.00%
7	0.66%	73.00%	18.81%	1.10%	4.18%	0.72%	0.23%	0.60%	0.68%	0.03%	0.00%	0.00%	0.01%	100.00%
8	0.38%	70.48%	21.29%	1.02%	4.66%	0.82%	0.12%	0.68%	0.53%	0.01%	0.00%	0.00%	0.00%	100.00%
9	1.09%	41.15%	43.43%	2.23%	8.43%	0.70%	0.07%	1.04%	1.62%	0.03%	0.16%	0.03%	0.01%	100.00%
11	0.17%	82.02%	11.28%	0.71%	2.03%	0.48%	0.11%	0.53%	2.51%	0.05%	0.07%	0.03%	0.01%	100.00%
12	0.18%	80.30%	13.90%	0.61%	2.58%	0.50%	0.17%	0.43%	1.23%	0.03%	0.04%	0.02%	0.01%	100.00%
14	0.32%	79.77%	15.06%	0.54%	2.69%	0.47%	0.11%	0.35%	0.63%	0.03%	0.01%	0.00%	0.01%	100.00%
16	0.33%	81.77%	13.34%	0.66%	2.59%	0.46%	0.11%	0.40%	0.30%	0.03%	0.00%	0.01%	0.01%	100.00%
17	0.40%	82.05%	13.15%	0.70%	2.59%	0.45%	0.04%	0.35%	0.25%	0.02%	0.00%	0.00%	0.00%	100.00%
19	0.38%	85.07%	11.25%	0.46%	2.13%	0.22%	0.03%	0.33%	0.12%	0.01%	0.00%	0.00%	0.00%	100.00%
Total System	0.22%	79.87%	12.73%	0.68%	2.32%	0.49%	0.13%	0.59%	2.75%	0.07%	0.08%	0.04%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2012  
(Revised April 29, 2013)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.40%	72.35%	13.68%	0.73%	2.72%	0.65%	0.18%	1.02%	7.56%	0.23%	0.27%	0.12%	0.08%	100.00%
2	0.37%	73.53%	18.57%	0.62%	3.16%	0.75%	0.09%	0.51%	2.19%	0.11%	0.04%	0.01%	0.05%	100.00%
6	0.45%	69.17%	21.76%	0.68%	3.76%	0.88%	0.61%	0.41%	2.19%	0.06%	0.02%	0.01%	0.01%	100.00%
7	0.65%	69.93%	21.40%	0.79%	4.61%	0.80%	0.32%	0.69%	0.79%	0.03%	0.01%	0.00%	0.00%	100.00%
8	0.72%	68.07%	22.69%	0.79%	5.82%	0.57%	0.12%	0.73%	0.47%	0.03%	0.00%	0.00%	0.00%	100.00%
9	1.33%	60.13%	26.94%	1.05%	8.53%	0.65%	0.02%	0.93%	0.38%	0.03%	0.00%	0.00%	0.03%	100.00%
11	0.19%	81.28%	11.23%	0.77%	2.11%	0.57%	0.12%	0.51%	3.04%	0.06%	0.09%	0.03%	0.01%	100.00%
12	0.18%	80.81%	13.73%	0.61%	2.47%	0.44%	0.15%	0.42%	1.10%	0.03%	0.03%	0.01%	0.01%	100.00%
14	0.34%	78.84%	15.53%	0.61%	3.03%	0.51%	0.13%	0.40%	0.54%	0.03%	0.01%	0.00%	0.01%	100.00%
16	0.29%	80.34%	14.31%	0.79%	2.76%	0.45%	0.08%	0.47%	0.45%	0.05%	0.01%	0.00%	0.01%	100.00%
17	0.52%	77.64%	16.29%	0.62%	3.16%	0.47%	0.06%	0.46%	0.72%	0.03%	0.01%	0.00%	0.02%	100.00%
19	0.48%	73.08%	18.03%	0.89%	4.34%	0.73%	0.03%	0.81%	1.37%	0.22%	0.00%	0.00%	0.01%	100.00%
Total System	0.23%	79.70%	12.36%	0.74%	2.32%	0.58%	0.14%	0.55%	3.17%	0.08%	0.09%	0.04%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2011  
(Revised July 27, 2012)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.34%	72.84%	13.10%	0.75%	2.56%	0.54%	0.14%	1.61%	7.42%	0.19%	0.32%	0.12%	0.05%	100.00%
2	0.41%	71.82%	18.64%	0.67%	3.21%	0.72%	0.15%	0.64%	3.32%	0.23%	0.08%	0.02%	0.09%	100.00%
6	0.51%	67.13%	22.48%	0.74%	4.02%	1.13%	0.84%	0.47%	2.60%	0.08%	0.01%	0.01%	0.00%	100.00%
7	0.99%	67.90%	22.27%	0.88%	5.53%	0.66%	0.22%	0.78%	0.70%	0.04%	0.01%	0.00%	0.01%	100.00%
8	0.57%	69.80%	21.01%	0.88%	4.70%	1.62%	0.45%	0.62%	0.26%	0.06%	0.00%	0.01%	0.00%	100.00%
9	0.88%	65.88%	23.11%	1.29%	6.56%	0.61%	0.14%	0.76%	0.69%	0.04%	0.01%	0.00%	0.02%	100.00%
11	0.20%	81.14%	11.53%	0.70%	2.08%	0.58%	0.14%	0.52%	2.86%	0.09%	0.08%	0.03%	0.06%	100.00%
12	0.15%	81.76%	13.26%	0.63%	2.29%	0.42%	0.14%	0.42%	0.83%	0.05%	0.02%	0.00%	0.03%	100.00%
14	0.33%	78.77%	15.77%	0.57%	2.97%	0.52%	0.13%	0.41%	0.46%	0.04%	0.01%	0.01%	0.02%	100.00%
16	0.34%	80.04%	14.48%	0.71%	2.86%	0.49%	0.09%	0.49%	0.43%	0.04%	0.01%	0.00%	0.01%	100.00%
17	0.50%	79.40%	14.70%	0.91%	2.81%	0.79%	0.09%	0.43%	0.28%	0.04%	0.02%	0.00%	0.02%	100.00%
19	0.46%	75.25%	16.87%	1.24%	3.90%	0.70%	0.06%	0.68%	0.76%	0.04%	0.02%	0.00%	0.01%	100.00%
Total System	0.23%	79.74%	12.52%	0.69%	2.27%	0.57%	0.14%	0.60%	2.95%	0.10%	0.09%	0.04%	0.05%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2010  
(Revised July 21, 2011)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.42%	66.00%	16.76%	0.85%	3.18%	0.43%	0.11%	1.96%	9.08%	0.68%	0.26%	0.05%	0.22%	100.00%
2	0.39%	70.69%	18.64%	0.71%	3.22%	0.55%	0.22%	0.80%	4.36%	0.23%	0.14%	0.03%	0.04%	100.00%
6	0.47%	68.26%	21.53%	0.74%	3.86%	1.09%	0.99%	0.49%	2.51%	0.04%	0.01%	0.00%	0.01%	100.00%
7	0.63%	69.55%	21.63%	0.76%	4.95%	0.73%	0.24%	0.67%	0.78%	0.04%	0.02%	0.00%	0.01%	100.00%
8	0.87%	68.03%	22.43%	0.67%	6.34%	0.84%	0.09%	0.54%	0.15%	0.02%	0.02%	0.00%	0.01%	100.00%
9	1.02%	67.66%	22.67%	0.93%	5.99%	0.56%	0.09%	0.63%	0.33%	0.09%	0.00%	0.01%	0.01%	100.00%
11	0.20%	80.29%	11.93%	0.68%	2.17%	0.70%	0.14%	0.58%	3.08%	0.09%	0.09%	0.04%	0.02%	100.00%
12	0.17%	81.24%	13.68%	0.56%	2.29%	0.49%	0.17%	0.41%	0.84%	0.06%	0.02%	0.01%	0.05%	100.00%
14	0.40%	77.06%	17.27%	0.50%	3.08%	0.56%	0.13%	0.45%	0.49%	0.04%	0.02%	0.00%	0.01%	100.00%
16	0.43%	79.15%	14.93%	0.68%	3.13%	0.57%	0.10%	0.51%	0.38%	0.06%	0.04%	0.01%	0.02%	100.00%
17	0.46%	77.48%	15.81%	0.80%	3.49%	0.77%	0.10%	0.50%	0.50%	0.05%	0.02%	0.00%	0.00%	100.00%
19	0.51%	77.37%	15.78%	1.06%	3.00%	0.58%	0.27%	0.64%	0.70%	0.05%	0.03%	0.01%	0.02%	100.00%
Total System	0.23%	79.34%	12.94%	0.66%	2.33%	0.66%	0.15%	0.59%	2.86%	0.10%	0.08%	0.03%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2009  
(Revised May 2, 2010)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.32%	69.05%	14.78%	0.98%	4.33%	0.54%	0.17%	1.07%	8.04%	0.29%	0.26%	0.10%	0.07%	100.00%
2	0.37%	71.98%	17.74%	0.64%	3.01%	0.52%	0.16%	0.79%	4.44%	0.17%	0.13%	0.02%	0.03%	100.00%
6	0.43%	68.08%	22.20%	0.76%	4.02%	1.03%	0.73%	0.48%	2.19%	0.06%	0.01%	0.00%	0.02%	100.00%
7	0.50%	68.51%	22.16%	0.78%	5.35%	0.79%	0.25%	0.77%	0.84%	0.04%	0.01%	0.00%	0.01%	100.00%
8	0.51%	64.61%	26.31%	0.92%	5.56%	0.80%	0.15%	0.66%	0.39%	0.04%	0.03%	0.01%	0.00%	100.00%
9	0.95%	64.75%	25.13%	0.85%	6.30%	0.31%	0.00%	1.50%	0.20%	0.00%	0.01%	0.00%	0.00%	100.00%
11	0.31%	77.81%	13.02%	0.82%	2.64%	0.72%	0.13%	0.71%	3.55%	0.10%	0.10%	0.03%	0.05%	100.00%
12	0.11%	83.50%	12.28%	0.47%	1.87%	0.42%	0.13%	0.35%	0.80%	0.03%	0.02%	0.00%	0.01%	100.00%
14	0.26%	79.20%	15.91%	0.46%	2.92%	0.42%	0.08%	0.35%	0.31%	0.04%	0.01%	0.00%	0.02%	100.00%
16	0.36%	78.59%	15.91%	0.78%	2.85%	0.50%	0.08%	0.46%	0.39%	0.05%	0.01%	0.01%	0.01%	100.00%
17	0.51%	73.73%	18.29%	0.67%	3.66%	0.66%	0.08%	0.74%	1.45%	0.09%	0.02%	0.06%	0.05%	100.00%
19	0.59%	74.70%	17.55%	1.13%	3.16%	0.87%	0.06%	0.79%	1.02%	0.07%	0.02%	0.01%	0.03%	100.00%
Total System	0.29%	77.38%	13.84%	0.75%	2.73%	0.63%	0.14%	0.67%	3.29%	0.11%	0.09%	0.03%	0.04%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2008  
(Revised April 7, 2009)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.34%	70.49%	13.88%	1.09%	4.25%	0.53%	0.18%	0.99%	7.40%	0.33%	0.28%	0.13%	0.11%	100.00%
2	0.35%	71.84%	17.72%	0.73%	3.19%	0.85%	0.23%	0.83%	3.97%	0.13%	0.12%	0.02%	0.02%	100.00%
6	0.46%	68.36%	20.89%	0.78%	3.90%	1.11%	0.93%	0.53%	2.78%	0.15%	0.01%	0.00%	0.09%	100.00%
7	0.65%	67.67%	22.16%	0.92%	5.49%	0.80%	0.36%	0.96%	0.88%	0.07%	0.01%	0.01%	0.02%	100.00%
8	0.81%	65.16%	24.36%	0.99%	5.91%	0.78%	0.16%	1.01%	0.72%	0.06%	0.00%	0.01%	0.02%	100.00%
9	0.50%	67.85%	21.75%	1.13%	5.94%	1.06%	0.66%	0.72%	0.33%	0.04%	0.02%	0.00%	0.02%	100.00%
11	0.33%	79.50%	11.62%	0.71%	2.39%	0.98%	0.19%	0.61%	3.43%	0.09%	0.09%	0.03%	0.02%	100.00%
12	0.13%	83.31%	12.05%	0.51%	2.07%	0.50%	0.16%	0.38%	0.81%	0.04%	0.01%	0.00%	0.01%	100.00%
14	0.27%	77.75%	17.07%	0.47%	3.30%	0.41%	0.07%	0.36%	0.26%	0.03%	0.01%	0.00%	0.01%	100.00%
16	0.36%	77.75%	16.45%	0.65%	3.12%	0.54%	0.11%	0.49%	0.43%	0.07%	0.01%	0.00%	0.01%	100.00%
17	0.31%	77.20%	16.02%	0.93%	3.39%	0.76%	0.15%	0.61%	0.51%	0.07%	0.01%	0.01%	0.02%	100.00%
19	0.94%	67.89%	22.40%	1.10%	5.52%	0.54%	0.03%	0.63%	0.87%	0.04%	0.02%	0.00%	0.01%	100.00%
Total System	0.31%	78.21%	13.00%	0.70%	2.65%	0.85%	0.19%	0.62%	3.22%	0.10%	0.09%	0.03%	0.03%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2007  
(Revised April 31, 2008)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.54%	70.88%	14.04%	1.25%	3.50%	0.53%	0.18%	0.79%	7.46%	0.31%	0.27%	0.10%	0.14%	100.00%
2	0.34%	71.33%	17.62%	0.78%	3.39%	0.88%	0.18%	1.20%	3.96%	0.15%	0.10%	0.02%	0.05%	100.00%
6	0.41%	69.27%	21.59%	0.66%	3.47%	0.93%	0.50%	0.48%	2.49%	0.12%	0.01%	0.00%	0.08%	100.00%
7	0.51%	66.98%	23.62%	0.92%	5.10%	0.68%	0.29%	0.82%	0.99%	0.05%	0.02%	0.01%	0.01%	100.00%
8	0.64%	64.47%	25.20%	0.94%	6.49%	0.62%	0.13%	0.91%	0.53%	0.06%	0.00%	0.01%	0.00%	100.00%
9	0.64%	68.35%	24.58%	0.74%	4.01%	0.34%	0.09%	0.90%	0.26%	0.06%	0.00%	0.01%	0.02%	100.00%
11	0.24%	78.33%	12.65%	0.72%	2.58%	1.07%	0.22%	0.83%	3.13%	0.09%	0.09%	0.03%	0.03%	100.00%
12	0.25%	80.62%	13.78%	0.61%	2.53%	0.67%	0.18%	0.43%	0.85%	0.04%	0.03%	0.01%	0.01%	100.00%
14	0.29%	76.84%	17.41%	0.63%	3.12%	0.44%	0.11%	0.54%	0.53%	0.05%	0.03%	0.01%	0.01%	100.00%
16	0.31%	76.90%	17.00%	0.83%	3.04%	0.64%	0.14%	0.58%	0.45%	0.06%	0.01%	0.01%	0.01%	100.00%
17	0.35%	78.06%	16.60%	0.69%	3.01%	0.42%	0.10%	0.49%	0.20%	0.05%	0.01%	0.01%	0.01%	100.00%
19	0.71%	68.59%	18.36%	1.12%	5.64%	2.16%	0.36%	0.67%	2.26%	0.09%	0.03%	0.00%	0.01%	100.00%
Total System	0.27%	77.12%	13.95%	0.73%	2.77%	0.94%	0.20%	0.81%	2.96%	0.10%	0.08%	0.03%	0.03%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2006  
(Revised June 13, 2013)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.28%	75.21%	11.63%	0.85%	3.00%	0.69%	0.22%	1.08%	6.30%	0.28%	0.24%	0.09%	0.14%	100.00%
2	0.24%	71.41%	18.24%	0.80%	3.30%	0.60%	0.14%	1.06%	4.01%	0.09%	0.07%	0.02%	0.03%	100.00%
6	0.33%	67.23%	22.19%	0.90%	4.38%	1.51%	0.48%	0.95%	1.93%	0.08%	0.01%	0.00%	0.01%	100.00%
7	0.53%	64.98%	24.21%	0.93%	5.94%	0.90%	0.29%	0.96%	1.16%	0.06%	0.03%	0.00%	0.01%	100.00%
8	0.64%	63.06%	27.30%	0.79%	6.02%	0.80%	0.22%	0.70%	0.43%	0.02%	0.01%	0.00%	0.00%	100.00%
9	0.89%	60.97%	23.47%	1.90%	6.18%	2.03%	0.34%	1.37%	2.72%	0.09%	0.02%	0.01%	0.01%	100.00%
11	0.20%	79.47%	11.09%	0.61%	2.39%	1.06%	0.25%	0.95%	3.73%	0.09%	0.11%	0.04%	0.02%	100.00%
12	0.29%	79.68%	13.99%	0.70%	2.82%	0.63%	0.16%	0.63%	1.00%	0.05%	0.03%	0.01%	0.01%	100.00%
14	0.27%	77.03%	16.43%	0.69%	3.16%	0.70%	0.17%	0.67%	0.73%	0.09%	0.03%	0.01%	0.02%	100.00%
16	0.33%	78.66%	15.44%	0.80%	2.88%	0.53%	0.11%	0.54%	0.60%	0.05%	0.02%	0.01%	0.02%	100.00%
17	0.46%	72.70%	18.71%	0.87%	3.53%	1.04%	0.14%	0.97%	1.40%	0.08%	0.04%	0.02%	0.05%	100.00%
19	0.74%	71.37%	17.15%	1.47%	4.46%	1.85%	0.11%	0.86%	1.67%	0.21%	0.05%	0.00%	0.06%	100.00%
Total System	0.22%	78.09%	12.54%	0.66%	2.61%	0.95%	0.22%	0.93%	3.51%	0.10%	0.10%	0.04%	0.03%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL



STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING

HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2005  
(Revised June13, 2013)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS 2 AXLES 4 TIRES	LIGHT TRUCKS OTHER 2 AXLES 4 TIRES	BUSES	SINGLE-UNIT TRUCKS 2 AXLES 6 TIRES    3 AXLES    4 OR MORE AXLES			SINGLE-TRAILER TRUCKS 4 OR LESS AXLES    5 AXLES    6 OR MORE AXLES			MULTI-TRAILER TRUCKS 5 OR LESS AXLES    6 AXLES    7 AXLES			
1	0.40%	80.15%	9.80%	0.82%	2.39%	0.79%	0.23%	1.22%	3.86%	0.10%	0.17%	0.04%	0.03%	100.00%
2	0.29%	68.63%	20.39%	0.90%	3.73%	0.54%	0.10%	1.19%	4.10%	0.07%	0.04%	0.02%	0.01%	100.00%
6	0.39%	64.60%	24.37%	0.94%	5.46%	1.06%	0.36%	1.08%	1.64%	0.08%	0.02%	0.00%	0.01%	100.00%
7	0.51%	66.38%	23.13%	0.86%	5.49%	1.33%	0.34%	0.90%	0.96%	0.07%	0.02%	0.00%	0.01%	100.00%
8	0.73%	66.53%	22.61%	0.84%	5.61%	1.96%	0.27%	0.70%	0.63%	0.06%	0.01%	0.02%	0.00%	100.00%
9	0.49%	68.57%	22.21%	0.82%	5.53%	1.06%	0.19%	0.76%	0.26%	0.07%	0.02%	0.00%	0.02%	100.00%
11	0.21%	82.78%	8.98%	0.50%	2.31%	0.99%	0.22%	0.86%	2.94%	0.06%	0.10%	0.03%	0.02%	100.00%
12	0.19%	86.49%	9.82%	0.29%	1.69%	0.48%	0.13%	0.33%	0.49%	0.04%	0.03%	0.00%	0.00%	100.00%
14	0.24%	75.32%	17.52%	0.84%	3.51%	0.76%	0.12%	0.81%	0.71%	0.12%	0.03%	0.01%	0.02%	100.00%
16	0.23%	78.34%	15.51%	0.68%	3.14%	0.68%	0.10%	0.71%	0.42%	0.11%	0.02%	0.01%	0.03%	100.00%
17	0.42%	76.09%	16.15%	0.98%	3.34%	1.26%	0.12%	0.90%	0.61%	0.08%	0.02%	0.01%	0.03%	100.00%
19	0.46%	74.43%	17.79%	0.92%	3.92%	1.03%	0.08%	0.64%	0.60%	0.08%	0.01%	0.01%	0.03%	100.00%
Total System	0.25%	80.38%	11.65%	0.60%	2.54%	0.80%	0.18%	0.86%	2.56%	0.07%	0.08%	0.02%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2004  
(Revised October 15, 2007)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.39%	73.45%	11.54%	1.12%	2.92%	0.88%	0.20%	1.58%	7.11%	0.32%	0.32%	0.06%	0.10%	100.00%
2	0.27%	71.04%	19.02%	0.83%	3.41%	0.51%	0.13%	1.04%	3.59%	0.08%	0.03%	0.01%	0.01%	100.00%
6	0.28%	68.94%	21.94%	0.84%	4.50%	0.91%	0.32%	0.82%	1.28%	0.10%	0.03%	0.01%	0.04%	100.00%
7	0.43%	66.89%	23.16%	1.18%	4.76%	1.04%	0.31%	0.89%	1.22%	0.10%	0.01%	0.01%	0.02%	100.00%
8	0.35%	66.86%	23.68%	1.14%	4.91%	1.25%	0.24%	0.78%	0.66%	0.11%	0.02%	0.00%	0.01%	100.00%
9	1.30%	65.42%	22.53%	1.03%	3.96%	1.58%	0.25%	0.66%	3.12%	0.15%	0.00%	0.01%	0.02%	100.00%
11	0.29%	80.13%	10.97%	0.75%	2.58%	0.56%	0.11%	0.68%	3.64%	0.07%	0.14%	0.03%	0.04%	100.00%
12	0.13%	83.55%	11.63%	0.47%	2.15%	0.54%	0.15%	0.46%	0.83%	0.04%	0.04%	0.01%	0.02%	100.00%
14	0.18%	77.80%	15.82%	0.82%	2.76%	0.68%	0.14%	0.70%	0.88%	0.11%	0.05%	0.02%	0.04%	100.00%
16	0.28%	77.44%	16.06%	0.85%	2.99%	0.62%	0.16%	0.83%	0.47%	0.16%	0.04%	0.04%	0.06%	100.00%
17	0.20%	78.22%	16.19%	0.91%	2.67%	0.76%	0.10%	0.63%	0.20%	0.06%	0.02%	0.01%	0.03%	100.00%
19	0.50%	74.92%	18.64%	0.75%	3.30%	0.60%	0.07%	0.56%	0.50%	0.14%	0.01%	0.00%	0.00%	100.00%
Total System	0.25%	79.00%	12.92%	0.73%	2.67%	0.59%	0.14%	0.72%	2.75%	0.09%	0.10%	0.02%	0.03%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2003  
(Revised October 15, 2007)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.29%	66.09%	15.65%	0.93%	3.78%	0.96%	0.39%	1.15%	9.83%	0.36%	0.41%	0.08%	0.10%	100.00%
2	0.27%	71.43%	18.85%	0.70%	3.26%	0.69%	0.19%	0.95%	3.49%	0.10%	0.03%	0.01%	0.01%	100.00%
6	0.25%	69.93%	20.80%	0.81%	4.65%	0.97%	0.22%	0.88%	1.34%	0.09%	0.03%	0.01%	0.03%	100.00%
7	0.33%	69.62%	22.14%	0.80%	4.37%	1.06%	0.21%	0.74%	0.61%	0.07%	0.01%	0.01%	0.02%	100.00%
8	0.40%	67.74%	23.70%	1.01%	4.35%	1.25%	0.11%	0.76%	0.61%	0.02%	0.03%	0.00%	0.01%	100.00%
9	0.64%	71.83%	20.98%	0.55%	3.99%	1.03%	0.09%	0.66%	0.18%	0.02%	0.02%	0.00%	0.01%	100.00%
11	1.13%	81.09%	10.80%	0.71%	2.44%	0.45%	0.07%	0.51%	2.64%	0.05%	0.08%	0.02%	0.02%	100.00%
12	0.20%	84.97%	11.33%	0.39%	1.64%	0.37%	0.06%	0.35%	0.66%	0.02%	0.01%	0.01%	0.01%	100.00%
14	0.20%	78.01%	15.36%	0.75%	2.98%	0.96%	0.16%	0.74%	0.68%	0.09%	0.04%	0.01%	0.02%	100.00%
16	0.16%	78.23%	15.95%	0.84%	2.79%	0.69%	0.10%	0.54%	0.56%	0.07%	0.02%	0.01%	0.03%	100.00%
17	0.40%	74.02%	17.26%	0.95%	2.93%	1.50%	0.14%	0.71%	1.95%	0.08%	0.03%	0.02%	0.02%	100.00%
19	0.67%	73.32%	17.68%	1.00%	3.70%	1.20%	0.17%	0.62%	1.50%	0.10%	0.03%	0.00%	0.01%	100.00%
Total System	0.84%	79.86%	12.33%	0.69%	2.53%	0.52%	0.10%	0.57%	2.41%	0.06%	0.06%	0.01%	0.02%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2002  
(Revised October 15, 2007)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.20%	70.72%	14.78%	0.79%	3.39%	0.81%	0.33%	1.09%	7.28%	0.20%	0.31%	0.07%	0.05%	100.00%
2	0.51%	76.30%	16.01%	0.54%	2.63%	0.57%	0.12%	0.83%	2.41%	0.05%	0.03%	0.00%	0.00%	100.00%
6	0.30%	69.97%	20.45%	0.80%	4.41%	1.05%	0.28%	0.98%	1.49%	0.13%	0.04%	0.02%	0.07%	100.00%
7	0.39%	70.89%	20.53%	0.61%	4.26%	1.18%	0.25%	0.81%	0.92%	0.07%	0.03%	0.02%	0.04%	100.00%
8	0.51%	66.01%	26.02%	0.68%	4.11%	1.11%	0.13%	0.68%	0.66%	0.04%	0.02%	0.01%	0.01%	100.00%
9	0.31%	70.63%	22.20%	0.88%	4.07%	0.82%	0.05%	0.72%	0.26%	0.04%	0.01%	0.01%	0.00%	100.00%
11	0.94%	82.66%	9.93%	0.62%	2.14%	0.49%	0.10%	0.56%	2.33%	0.09%	0.07%	0.01%	0.05%	100.00%
12	0.16%	86.13%	10.11%	0.44%	1.70%	0.40%	0.07%	0.39%	0.55%	0.04%	0.01%	0.00%	0.01%	100.00%
14	0.26%	79.96%	14.20%	0.72%	2.58%	0.72%	0.12%	0.62%	0.67%	0.07%	0.03%	0.01%	0.05%	100.00%
16	0.23%	82.56%	12.20%	0.65%	2.42%	0.81%	0.09%	0.61%	0.30%	0.08%	0.02%	0.01%	0.03%	100.00%
17	0.45%	79.64%	14.16%	0.73%	2.70%	0.94%	0.10%	0.75%	0.40%	0.06%	0.02%	0.02%	0.03%	100.00%
19	0.31%	75.29%	16.53%	0.91%	2.75%	1.74%	0.19%	1.13%	0.71%	0.22%	0.03%	0.04%	0.17%	100.00%
Total System	0.70%	82.10%	11.08%	0.59%	2.19%	0.51%	0.10%	0.58%	1.97%	0.08%	0.05%	0.01%	0.04%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2001  
(Revised October 15, 2007)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.22%	67.59%	12.81%	1.42%	3.07%	1.13%	0.28%	2.55%	10.11%	0.30%	0.39%	0.07%	0.07%	100.00%
2	0.26%	77.30%	15.59%	0.55%	2.53%	0.63%	0.12%	0.85%	2.09%	0.07%	0.01%	0.00%	0.01%	100.00%
6	0.36%	70.31%	20.49%	0.58%	4.06%	1.43%	0.27%	1.13%	1.17%	0.10%	0.04%	0.01%	0.04%	100.00%
7	0.59%	71.17%	19.72%	0.69%	3.96%	1.44%	0.17%	1.06%	1.01%	0.10%	0.03%	0.01%	0.05%	100.00%
8	0.62%	68.19%	23.07%	1.08%	4.18%	0.93%	0.16%	1.22%	0.35%	0.09%	0.03%	0.05%	0.04%	100.00%
9	0.57%	60.75%	26.34%	1.71%	5.43%	0.82%	0.35%	2.25%	1.39%	0.36%	0.02%	0.01%	0.00%	100.00%
11	0.61%	83.76%	9.09%	0.51%	1.73%	0.60%	0.12%	0.61%	2.29%	0.30%	0.05%	0.01%	0.31%	100.00%
12	0.13%	85.05%	10.69%	0.48%	1.85%	0.43%	0.10%	0.49%	0.69%	0.05%	0.02%	0.00%	0.03%	100.00%
14	0.28%	80.39%	13.30%	0.79%	2.32%	0.89%	0.13%	1.05%	0.64%	0.12%	0.03%	0.01%	0.04%	100.00%
16	0.28%	76.50%	16.62%	0.77%	2.74%	1.28%	0.15%	0.89%	0.66%	0.07%	0.02%	0.00%	0.02%	100.00%
17	0.21%	74.03%	17.73%	1.07%	3.81%	1.09%	0.05%	0.71%	1.19%	0.05%	0.01%	0.01%	0.03%	100.00%
19	0.58%	73.49%	16.58%	0.73%	2.98%	1.36%	0.05%	2.23%	1.50%	0.40%	0.07%	0.00%	0.04%	100.00%
Total System	0.39%	82.55%	11.00%	0.54%	1.98%	0.61%	0.12%	0.67%	1.75%	0.18%	0.04%	0.01%	0.16%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 2000  
(Revised October 15, 2007)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.95%	63.27%	14.88%	1.56%	4.68%	2.38%	0.64%	2.67%	8.12%	0.35%	0.40%	0.06%	0.05%	100.00%
2	0.19%	71.14%	19.04%	0.68%	3.22%	0.91%	0.14%	1.19%	3.34%	0.09%	0.04%	0.01%	0.02%	100.00%
6	0.30%	71.80%	19.01%	1.01%	3.90%	1.23%	0.20%	0.87%	1.49%	0.08%	0.03%	0.00%	0.07%	100.00%
7	0.29%	72.03%	18.66%	0.68%	3.61%	1.94%	0.18%	0.94%	1.54%	0.08%	0.02%	0.00%	0.02%	100.00%
8	0.31%	73.35%	19.53%	0.78%	2.59%	1.16%	0.12%	0.88%	1.24%	0.02%	0.01%	0.00%	0.00%	100.00%
9	0.38%	70.27%	21.66%	1.06%	3.88%	1.13%	0.17%	0.87%	0.47%	0.07%	0.01%	0.01%	0.02%	100.00%
11	0.39%	83.02%	9.22%	0.50%	1.92%	0.67%	0.15%	0.86%	2.88%	0.20%	0.10%	0.02%	0.07%	100.00%
12	0.18%	80.94%	12.76%	0.53%	2.53%	0.64%	0.09%	0.77%	1.42%	0.05%	0.06%	0.01%	0.02%	100.00%
14	0.20%	80.24%	12.71%	0.66%	2.42%	1.33%	0.20%	1.24%	0.73%	0.18%	0.04%	0.02%	0.06%	100.00%
16	0.35%	80.60%	12.87%	0.80%	2.25%	1.06%	0.17%	1.07%	0.53%	0.15%	0.05%	0.02%	0.08%	100.00%
17	0.37%	79.44%	14.71%	0.74%	2.52%	0.76%	0.10%	0.72%	0.43%	0.09%	0.01%	0.02%	0.09%	100.00%
19	0.38%	76.74%	13.92%	1.22%	3.37%	1.73%	0.20%	1.15%	0.97%	0.14%	0.05%	0.02%	0.10%	100.00%
Total System	0.37%	80.12%	11.34%	0.62%	2.34%	0.89%	0.18%	1.03%	2.74%	0.18%	0.10%	0.02%	0.06%	100.00%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 1999  
(Revised October 15, 2007)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.26%	66.90%	14.04%	1.09%	3.74%	1.14%	0.20%	2.72%	9.15%	0.19%	0.44%	0.07%	0.07%	100%
2	0.18%	71.74%	17.08%	0.45%	2.94%	1.11%	0.14%	1.63%	4.41%	0.11%	0.09%	0.02%	0.09%	100%
6	0.18%	73.16%	19.63%	0.53%	3.21%	1.20%	0.15%	0.87%	0.96%	0.06%	0.03%	0.01%	0.03%	100%
7	0.17%	72.06%	20.18%	0.71%	2.92%	1.95%	0.08%	0.66%	1.05%	0.13%	0.06%	0.00%	0.03%	100%
8	0.22%	73.22%	19.62%	0.93%	2.81%	1.30%	0.26%	0.28%	1.02%	0.22%	0.04%	0.01%	0.06%	100%
9	0.00%	80.27%	16.16%	1.64%	1.64%	0.27%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100%
11	0.18%	79.73%	10.85%	0.62%	2.01%	0.76%	0.15%	1.17%	4.11%	0.10%	0.17%	0.04%	0.12%	100%
12	0.10%	80.45%	14.00%	0.47%	2.01%	0.73%	0.07%	0.74%	0.95%	0.06%	0.03%	0.01%	0.38%	100%
14	0.90%	75.72%	15.62%	1.65%	2.51%	1.89%	0.09%	0.57%	0.90%	0.09%	0.03%	0.01%	0.02%	100%
16	0.20%	79.79%	13.73%	0.77%	2.39%	1.25%	0.12%	0.95%	0.60%	0.13%	0.04%	0.01%	0.03%	100%
17	0.32%	80.18%	12.38%	0.62%	2.65%	1.99%	0.08%	0.76%	0.84%	0.11%	0.05%	0.01%	0.01%	100%
19	0.88%	71.55%	14.93%	0.86%	5.91%	3.02%	0.20%	1.02%	1.39%	0.14%	0.05%	0.01%	0.03%	100%
Total System	0.27%	76.32%	13.65%	0.77%	2.52%	1.09%	0.13%	1.27%	3.57%	0.11%	0.14%	0.03%	0.12%	100%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL

STATE HIGHWAY ADMINISTRATION OF MARYLAND  
OFFICE OF PLANNING AND PRELIMINARY ENGINEERING  
HIGHWAY INFORMATION SERVICES DIVISION

PERCENT OF VEHICLE CLASSIFICATIONS BY FUNCTIONAL CLASS FOR THE YEAR 1998  
(Revised October 15, 2007)

Functional Classification	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	TOTAL
	MOTORCYCLES [OPTIONAL]	PASSENGER CARS	LIGHT TRUCKS OTHER	BUSES	SINGLE-UNIT TRUCKS			SINGLE-TRAILER TRUCKS			MULTI-TRAILER TRUCKS			
		2 AXLES 4 TIRES	2 AXLES 4 TIRES		2 AXLES 6 TIRES	3 AXLES	4 OR MORE AXLES	4 OR LESS AXLES	5 AXLES	6 OR MORE AXLES	5 OR LESS AXLES	6 AXLES	7 AXLES	
1	0.41%	72.13%	12.60%	0.70%	2.50%	1.28%	0.20%	2.69%	6.57%	0.25%	0.52%	0.10%	0.05%	100%
2	0.19%	74.09%	17.18%	1.01%	2.73%	1.62%	0.15%	1.19%	1.28%	0.24%	0.10%	0.07%	0.15%	100%
6	0.17%	74.79%	18.04%	0.44%	3.52%	0.96%	0.18%	0.68%	1.01%	0.09%	0.04%	0.01%	0.07%	100%
7	0.39%	73.11%	19.45%	0.63%	3.35%	1.39%	0.20%	0.59%	0.56%	0.07%	0.04%	0.01%	0.20%	100%
8	1.35%	77.28%	16.74%	0.28%	2.46%	0.81%	0.60%	0.26%	0.11%	0.06%	0.04%	0.00%	0.01%	100%
9	0.38%	79.06%	16.10%	0.48%	1.66%	1.00%	0.72%	0.28%	0.23%	0.06%	0.01%	0.00%	0.03%	100%
11	0.39%	73.58%	13.52%	0.67%	2.50%	0.87%	0.16%	1.92%	5.52%	0.18%	0.50%	0.11%	0.07%	100%
12	0.13%	79.21%	14.54%	0.47%	2.23%	0.96%	0.12%	0.75%	1.11%	0.30%	0.08%	0.06%	0.04%	100%
14	0.21%	80.21%	12.83%	0.54%	2.56%	1.20%	0.11%	0.73%	1.08%	0.34%	0.10%	0.05%	0.06%	100%
16	0.21%	81.20%	13.07%	0.64%	2.52%	0.94%	0.06%	0.57%	0.52%	0.14%	0.04%	0.03%	0.06%	100%
17	0.13%	80.98%	13.71%	0.95%	2.47%	1.06%	0.08%	0.24%	0.28%	0.05%	0.03%	0.00%	0.02%	100%
19	0.25%	78.92%	13.21%	0.45%	2.29%	1.98%	0.88%	0.34%	1.02%	0.55%	0.06%	0.00%	0.06%	100%
Total System	0.24%	77.01%	14.42%	0.62%	2.57%	1.09%	0.14%	1.11%	2.25%	0.23%	0.19%	0.06%	0.07%	100%

NOTE: Classes 14 and 15 were excluded

FUNCTIONAL CLASSIFICATION CODES

RURAL

- 1 - INTERSTATE
- 2 - OTHER PRINCIPAL ARTERIAL
- 6 - MINOR ARTERIAL
- 7 - MAJOR COLLECTOR
- 8 - MINOR COLLECTOR
- 9 - LOCAL

URBAN

- 11 - INTERSTATE
- 12 - OTHER FREEWAY & EXPRESSWAY
- 14 - OTHER PRINCIPAL ARTERIAL
- 16 - MINOR ARTERIAL
- 17 - COLLECTOR
- 19 - LOCAL