

This Lotus Live analysis looks at transportation in the U.S. evaluated by type of vehicle used, average mileage, total miles travelled, average miles travelled per vehicle, total analysis assumes that passenger cars, motorcycles, light trucks, and transit industry, on diesel. It also assumes that gasoline emits 8.8 kgC per gallon and diesel fuel emits 10.2 kgC per gallon (http://www.epa.gov/otaq/climate/420f05001.htm). This analysis was completed by Lotus Live of Transportation Services website. (http://www.bts.gov/publications/national_transp/Transit Industry data, which is from 2004.

Gallons of Gasoline Used

Type of Vehicle	Total gallons of gasoline used(millions of gallons)	%
Passenger Cars	73,870	42.2%
Motorcycles	215	0.1%
Other 2-Axle 4-Tire Vehicles (Almost Entirely Light Trucks, i.e. Vans, SUVs, Pickup Trucks)	65,419	37.4%
Single-Unit 2-Axle 6-Tire or More Trucks	9,042	5.2%
Combination Truck	24,411	13.9%
Buses	1,329	0.8%
Transit Industry, diesel	731	0.4%
Transit Industry, gasoline	53	0.0%
Total	175,071	100.0%

Mileage

Type of Vehicle	Mileage per gallon	Mileage as compared to a standard passenger car
Passenger Cars	22.9	100.0%
Motorcycles	50.0	218.6%
Other 2-Axle 4-Tire Vehicles (Almost Entirely Light Trucks, i.e. Vans, SUVs, Pickup Trucks)	16.2	70.8%
Single-Unit 2-Axle 6-Tire or More Trucks	8.8	38.3%
Combination Trucks	5.9	25.7%
Buses	5.0	21.9%
Transit Industry, diesel	not available	
Transit Industry, gasoline	not available	

Total Miles Travelled

Type of Vehicle	Miles travelled (millions)	%
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Passenger Cars	1,689,965	56.4%
Motorcycles	10,770	0.4%
Other 2-Axle 4-Tire Vehicles (Almost Entirely Light Trucks, i.e. Vans, SUVs, Pickup Trucks)	1,059,590	35.4%
Single-Unit 2-Axle 6-Tire or More Trucks	79,174	2.6%
Combination Trucks	143,662	4.8%
Buses	6,646	0.2%
Transit Industry, diesel	4,471	0.1%
Transit Industry, gasoline		
Total	2,994,278	100.0%

Average Miles Travelled per Vehicle

Type of Vehicle	Average miles travelled per vehicle(thousands)	As compared to a passenger car
Passenger Cars	12.4	100.0%
Motorcycles	1.7	14.0%
Other 2-Axle 4-Tire Vehicles (Almost Entirely Light Trucks, i.e. Vans, SUVs, Pickup Trucks)	11.1	89.8%
Single-Unit 2-Axle 6-Tire or More Trucks	12.4	100.0%
Combination Trucks	68.8	556.3%
Buses	8.2	66.5%
Transit Industry, diesel	not available	not available
Transit Industry, gasoline	not available	not available

CO₂ Emissions

Type of Vehicle	Total CO ₂ emissions (millions kgC)	%
Passenger Cars	650,059	41.0%
Motorcycles	1,895	0.1%
Other 2-Axle 4-Tire Vehicles (Almost Entirely Light Trucks, i.e. Vans, SUVs, Pickup Trucks)	575,689	36.3%
Single-Unit 2-Axle 6-Tire or More Trucks	91,327	5.8%
Combination Trucks	246,546	15.5%
Buses	13,425	0.8%
Transit Industry, diesel	7,380	0.5%
Transit Industry, gasoline	466	0.0%

Total	1,586,788	100.0%
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e. The categories it contains are: gallons of gasoline / CO2 emissions, and average CO2 emissions. This gasoline run on gasoline, while all other categories run s 10.1 kgC per gallon (Source: .auren on August 18, 2007 using data from the Bureau ortation_statistics/). All data is from 2005 except for the

Average gallons of gasoline used per vehicle (kgC)	Gallons used as compared to the usage standard passenger car
541	100.0%
35	6.4%
686	126.9%
1,414	261.4%
11,698	2162.6%
1,647	304.5%
not available	
not available	

Average CO ₂ emissions per vehicle (kgC)	Emissions as compared to the emissions of a standard passenger car
4,760	100.0%
304	6.4%
6,038	126.9%
14,280	300.0%
118,148	2482.1%
16,635	349.5%

