

MOTORCYCLE TRANSPORTATION FACT SHEET

NUMBER OF MOTORCYCLES COMMUTING

Out of a total 120,000,000 commuters in this country (USA) 158,059 of them ride motorcycles to work regularly. That's only 0.12 percent. *US Department of Census*

Of all the motorcycles registered in the USA, (6,567,197) 4.3% of them are used for year-round primary transportation, with an additional 9.9 used seasonally for this purpose. *Motorcycle Industry Council*

NUMBER OF MOTORCYCLES ON THE ROAD

As of 2001, there were 4,903,056 motorcycles in use in the United States. *US Department of Transportation, Bureau of Transportation Statistics*

As of 2001, these 4,903,056 motorcycles traveled an average of 1,943 miles a year. *US Department of Transportation, Bureau of Transportation Statistics*

TRAFFIC CONGESTION

The average roadway delay per person in 1999 was 17 hours per year and in 2001 it was 26 hours per year, an increase of 53%. *Texas Transportation Institute*

JOURNEY TIMES

The average United States driver travels 29 miles per day and is driving a total of 55 minutes per day. (This is an average vehicle speed of 32 mph.) *US Department of Transportation, Bureau of Transportation Statistics*

Tests comparing car and motorcycle performance on real journeys suggest that traveling by motorcycle can shorten journey times by as much as 33 minutes of every hour for town centre and city travel, and 20 minutes of every hour for travel through a mixture of built-up and non built-up areas. *Motorcycle Industry Association (UK)*

POTENTIAL AGGREGATE BENEFIT

Motorcycles cover 1-2% of the total distance traveled by road, and cars cover 86%. If 2% of car commuters switched to motorcycles or scooters, the current level of motorcycle utility use would effectively double. *Motorcycle Industry Association (UK)*

Average 2002 annual household private vehicle expense is \$7,371. This is divided into \$3,665 for vehicle purchases, \$1,235 for gas and oil and \$2,471 for insurance and misc. *US Department of Labor Statistics, Consumer Expenditure Survey*

PRACTICALITY

Most commutes are between 5 and 25 miles long, whilst the average journey length by car is around 8 miles. Motorcycles represent alternative to car use for many people for such journeys. *Motorcycle Industry Association (UK)*

PARKING SPACES

3 - 5 motorcycles fit per automobile parking space. *Ride to Work*

FUEL CONSUMPTION

Average mid-size Motorcycle	35-40 mpg (est)	(250 est gal for 10,000 mi)
Average Passenger Car	21.51 mpg	(465 gal for 10,000 mi)
Average Light Truck/SUV	17.22 mpg	(581 gal for 10,000 mi)

US Dept of Transportation, Bajaj USA, and Ride to Work