

## **Motor Fuel Gallons Purchased by In-State and Out-of-State Users**

### **Gasoline**

We estimate that vehicles in South Carolina use an estimated 1,932,473,409 gallons of gasoline based upon data from the S.C. Department of Motor Vehicles and the U.S. Department of Transportation. This was the product of the total number of registered vehicles in South Carolina and an estimated average number of gallons of gasoline used per vehicle. A total of 2,559,307,000 gallons of gasoline were purchased based upon gasoline user fee collections as reported by the S.C. Department of Revenue. Of this total, we estimate that 75.51 percent of gasoline was purchased by in-state residents, with the remaining 24.49 percent being purchased by out-of-state residents.

### **Diesel**

Out-of-state users account for an estimated 312,150,554 gallons of diesel fuel purchased in South Carolina. This estimate is derived from two sources. The S.C. Department of Motor Vehicles International Fuel Tax Agreement Report documented 294,354,279 gallons of taxable diesel fuel gallons were purchased by out-of-state motor carriers. An estimated additional 17,796,275 gallons were purchased by out-of-state passenger vehicles. These purchases by out-of-state users compared to the total of 657,030,593 gallons of diesel fuel purchased in South Carolina result in an estimated 47.51 percent of diesel fuel being purchased by out-of-state users, with the remaining 52.49 percent being purchased by South Carolina users.

### **Total**

The estimated gallons of gasoline and diesel fuel purchased by in-state users were totaled to estimate a weighted average of the total motor fuel gallons purchased by South Carolina residents. Of the total 3,216,337,593 gallons of motor fuel purchased, an estimated 2,277,353,448 were purchased by South Carolina residents. Based upon this analysis, an estimated 70.81 percent of total motor fuel is purchased by South Carolina users, with the remaining 29.19 percent being purchased by out-of-state users.

## ESTIMATED MOTOR FUEL GALLONS PURCHASED BY IN-STATE AND OUT-OF-STATE RESIDENTS

Gasoline Gallons		Diesel Gallons		Total Motor Fuel Purchases	
Total Registered Vehicles /1	3,879,748	Estimated Passenger Vehicle Gallons		Total In-state Diesel Gallons	344,880,039
Estimated Diesel Vehicles	107,108	From Non-SC Residents 2/	17,796,275	Total In-state Gasoline Gallons	1,932,473,409
Estimated Gasoline Vehicles	3,772,640	IFTA Taxable Out-of-State Gallons /3	294,354,279	Total In-state Motor Fuel	2,277,353,448
Estimated Gallons per Vehicle /4	512	Total Out-of-State Gallons	312,150,554	Total Motor Fuel Gallons	3,216,337,593
Gallons Used by SC Vehicles	1,932,473,409	Total Diesel Gallons /5	657,030,593	Total Out-of-state Motor Fuel	
Gallons of Gasoline Sold in SC /5	2,559,307,000	Total In-state gallons	344,880,039	Gallons	938,984,145
Percentage of total gallons used by SC vehicles	75.51%	Percentage of gallon used by SC vehicles	52.49%	Estimated percentage purchased by in-state residents	70.81%
Percentage of total gallons used by non-SC vehicles	24.49%	Percentage of total gallons used by non-SC vehicles	47.51%	Estimated percentage purchased by out-of state residents	29.19%

**Notes:**

1/ SC Department of Motor Vehicles

2/ Diesel passenger vehicle gallons used based upon the US percentage of diesel vehicles multiplied by the estimated percentage of gasoline gallons used by out-of-state purchasers

3/ SC Department of Motor Vehicles, International Fuel Tax Agreement Report

4/ Weighted average gallons per vehicle calculated from Federal Highway Statistics on registered vehicles by type, miles per vehicle by type, and average MPG per vehicle type

5/ Number of gallons are calculated from SC Department of Revenue collections of gasoline and diesel motor fuel user fee collections (Diesel gallons are net of IFTA refunds)