

Light-duty Vehicles: Passenger Cars and Light Trucks

Source: Federal Highway Administration, Highway Statistics 2015 and prior table VM-1.

YEAR	Vehicle Travel Million Miles	Light-duty		Fuel Use at 1975 MPG & Actual VMT	Fuel Savings 1975 MPG & Actual VMT	Rebound Elasticity -0.2 Rebound Adjustment	Unrebounded Vehicle Miles (Millions)	Unrebounded Fuel Use (Millions)	Fuel Savings (Millions)	EIA MER Table 9.4 Gas Price Current \$	FRED Implicit		Gas Price 2015 \$	Savings (2015 \$)
		Fuel Use Million Gallons	Fuel Economy Miles/Gallon								GDP Deflator 2009=100	GDP Deflator 2015=1		
1965	856,147	64,446	13.28	64,446	0	1.00	856,147	64,446	0	0.312	18.700	0.17000	\$ 1.84	\$0
1966	868,894	64,413	13.49	64,413	0	1.00	868,894	64,413	0	0.321	19.226	0.17479	\$ 1.84	\$0
1967	904,786	67,079	13.49	67,079	0	1.00	904,786	67,079	0	0.332	19.785	0.17987	\$ 1.85	\$0
1968	953,164	71,608	13.31	71,608	0	1.00	953,164	71,608	0	0.337	20.625	0.18751	\$ 1.80	\$0
1969	996,716	76,258	13.07	76,258	0	1.00	996,716	76,258	0	0.348	21.642	0.19675	\$ 1.77	\$0
1970	1,042,965	80,193	13.01	80,193	0	1.00	1,042,965	80,193	0	0.357	22.785	0.20714	\$ 1.72	\$0
1971	1,107,807	84,903	13.05	84,903	0	1.00	1,107,807	84,903	0	0.364	23.940	0.21764	\$ 1.67	\$0
1972	1,182,318	91,174	12.97	91,174	0	1.00	1,182,318	91,174	0	0.361	24.973	0.22703	\$ 1.59	\$0
1973	1,228,008	95,165	12.90	95,165	0	1.00	1,228,008	95,165	0	0.388	26.335	0.23942	\$ 1.62	\$0
1974	1,195,453	90,995	13.14	90,995	0	1.00	1,195,453	90,995	0	0.532	28.708	0.26099	\$ 2.04	\$0
1975	1,240,279	93,333	13.29	93,333	0	1.00	1,240,279	93,333	0	0.567	31.353	0.28504	\$ 1.99	\$0
1976	1,310,052	99,245	13.20	98,584	-661	1.00	1,311,805	98,716	-530	0.614	33.079	0.30073	\$ 2.04	(\$1,081)
1977	1,366,183	101,570	13.45	102,808	1,238	1.00	1,362,876	102,559	989	0.656	35.127	0.31935	\$ 2.05	\$2,032
1978	1,433,080	104,958	13.65	107,842	2,884	0.99	1,425,331	107,259	2,301	0.652	37.585	0.34169	\$ 1.91	\$4,391
1979	1,414,182	101,206	13.97	106,420	5,214	0.99	1,400,044	105,356	4,150	0.882	40.702	0.37003	\$ 2.38	\$9,893
1980	1,412,745	93,982	15.03	106,312	12,330	0.98	1,378,340	103,723	9,741	1.221	44.378	0.40345	\$ 3.03	\$29,480
1981	1,440,365	93,023	15.48	108,390	15,367	0.97	1,396,988	105,126	12,103	1.353	48.522	0.44112	\$ 3.07	\$37,122
1982	1,477,764	92,016	16.06	111,205	19,188	0.96	1,422,831	107,071	15,055	1.281	51.530	0.46847	\$ 2.73	\$41,166
1983	1,531,457	94,442	16.22	115,245	20,803	0.96	1,471,681	110,747	16,305	1.225	53.554	0.48687	\$ 2.52	\$41,024
1984	1,593,833	96,443	16.53	119,939	23,496	0.96	1,525,826	114,821	18,378	1.198	55.459	0.50419	\$ 2.38	\$43,669
1985	1,646,845	99,063	16.62	123,928	24,865	0.96	1,574,711	118,500	19,437	1.196	57.236	0.52034	\$ 2.30	\$44,676
1986	1,703,480	102,436	16.63	128,190	25,754	0.96	1,628,759	122,567	20,131	0.931	58.393	0.53086	\$ 1.75	\$35,305
1987	1,782,358	104,096	17.12	134,126	30,030	0.95	1,694,257	127,496	23,400	0.957	59.879	0.54437	\$ 1.76	\$41,137
1988	1,882,502	106,199	17.73	141,662	35,463	0.94	1,777,087	133,729	27,530	0.964	61.974	0.56342	\$ 1.71	\$47,104
1989	1,948,067	107,391	18.14	146,596	39,205	0.94	1,830,514	137,750	30,359	1.060	64.388	0.58536	\$ 1.81	\$54,975
1990	1,992,394	105,370	18.91	149,931	44,561	0.93	1,856,694	139,720	34,349	1.217	66.774	0.60705	\$ 2.00	\$68,862
1991	2,016,757	102,718	19.63	151,765	49,047	0.92	1,865,300	140,367	37,649	1.196	68.993	0.62723	\$ 1.91	\$71,790
1992	2,087,989	106,556	19.60	157,125	50,569	0.93	1,931,946	145,383	38,826	1.190	70.564	0.64151	\$ 1.86	\$72,023
1993	2,130,365	110,097	19.35	160,314	50,217	0.93	1,976,126	148,707	38,610	1.173	72.244	0.65678	\$ 1.79	\$68,958
1994	2,180,963	112,191	19.44	164,122	51,931	0.93	2,021,188	152,098	39,907	1.174	73.781	0.67075	\$ 1.75	\$69,848
1995	2,228,323	113,677	19.60	167,686	54,009	0.93	2,061,643	155,143	41,466	1.205	75.321	0.68476	\$ 1.76	\$72,969
1996	2,286,394	116,575	19.61	172,055	55,480	0.93	2,115,137	159,168	42,593	1.288	76.695	0.69725	\$ 1.85	\$78,681
1997	2,353,295	119,280	19.73	177,090	57,810	0.92	2,174,459	163,632	44,352	1.291	78.009	0.70919	\$ 1.82	\$80,738
1998	2,417,852	122,158	19.79	181,948	59,790	0.92	2,232,669	168,013	45,855	1.115	78.855	0.71688	\$ 1.56	\$71,320
1999	2,470,122	126,142	19.58	185,881	59,739	0.93	2,285,826	172,013	45,871	1.221	80.061	0.72785	\$ 1.68	\$76,950
2000	2,523,346	126,004	20.03	189,887	63,883	0.92	2,324,635	174,933	48,929	1.563	81.883	0.74441	\$ 2.10	\$102,734
2001	2,571,539	127,081	20.24	193,513	66,433	0.92	2,364,105	177,903	50,823	1.531	83.753	0.76141	\$ 2.01	\$102,191
2002	2,624,508	130,691	20.08	197,499	66,808	0.92	2,416,486	181,845	51,154	1.441	85.038	0.77309	\$ 1.86	\$95,347
2003	2,656,174	136,213	19.50	199,882	63,669	0.93	2,460,057	185,124	48,911	1.638	86.729	0.78847	\$ 2.08	\$101,611
2004	2,727,054	138,819	19.64	205,216	66,397	0.92	2,521,978	189,784	50,965	1.923	89.114	0.81015	\$ 2.37	\$120,971
2005	2,749,472	136,288	20.17	206,903	70,615	0.92	2,529,223	190,329	54,041	2.338	91.981	0.83621	\$ 2.80	\$151,096
2006	2,773,025	135,694	20.44	208,675	72,981	0.92	2,544,320	191,465	55,771	2.635	94.812	0.86195	\$ 3.06	\$170,492
2007	2,691,034	126,393	21.29	202,505	76,112	0.91	2,448,931	184,287	57,894	2.849	97.334	0.88488	\$ 3.22	\$186,397
2008	2,630,213	120,515	21.82	197,929	77,414	0.91	2,381,755	179,232	58,717	3.317	99.250	0.90230	\$ 3.68	\$215,854
2009	2,633,248	121,368	21.70	198,157	76,789	0.91	2,387,321	179,650	58,282	2.401	100.000	0.90912	\$ 2.64	\$153,925
2010	2,648,457	123,039	21.53	199,301	76,262	0.91	2,404,915	180,974	57,935	2.836	101.217	0.92018	\$ 3.08	\$178,556
2011	2,650,457	123,693	21.43	199,452	75,759	0.91	2,408,920	181,276	57,582	3.577	103.307	0.93918	\$ 3.81	\$219,311
2012	2,664,060	123,715	21.53	200,476	76,761	0.91	2,418,889	182,026	58,311	3.695	105.213	0.95651	\$ 3.86	\$225,258
2013	2,677,730	123,770	21.63	201,504	77,735	0.91	2,429,030	182,789	59,019	3.584	106.910	0.97194	\$ 3.69	\$217,633
2014	2,710,555	126,644	21.40	203,974	77,331	0.91	2,464,109	185,429	58,785	3.425	108.823	0.98933	\$ 3.46	\$203,511
2015	2,779,692	126,454	21.98	209,177	82,723	0.90	2,513,507	189,146	62,693	2.510	109.997	1.00000	\$ 2.51	\$157,358

1.25 Past 10 years of fuel consumptic

1.96 Trillion gallons of gasoline savings

1.50 Trillion gallons of gasoline savings

Total (10^12) \$3.8