



How Much Does it Really Cost to Own a New Car?

Buying a car is one of the biggest purchases a person will make in their lives. Before embarking on the car buying journey, it's important to understand how much it will cost beyond the sticker price. Since 1950, AAA has published its annual Your Driving Costs study that looks at the most popular models on the market and breaks down the cost of owning a new car including depreciation, finance, fuel, insurance, license/registration/taxes and maintenance/repair/tires.

2023 Costs Broken Down

AAA uses five top-selling models in each of nine vehicle categories to calculate ownership costs across a number of areas. These are then combined and averaged to determine the overall cost to own a new car in 2023.

The overall average cost to own and operate a new car in 2023 is **\$12,182**. The average MSRP of a new car is **\$34,876**.

Average Ownership Costs Per Mile

Miles per Year	10k	15k	20k
Average Cost	\$1.05	81¢	69¢

Category Costs

The costs for each of these categories as listed below are an average calculated over five years and 75,000 miles.

	Cost	Description
Depreciation	\$4,538 loss in value/year	Based on the difference between new-vehicle purchase price & estimated trade-in value at the end of five years & 75,000 miles.
Finance	\$1,253/year	Based on a 5-year loan, with 10% down, at the national average interest rate. Includes taxes & the first year's license fees (national average).
Fuel	15.93¢/mile	Based on average prices for a 12-month period ending 5/23. During this time, regular grade gas averaged \$3.999/gallon. Electric vehicle charging costs are based on a rate of 15.8 cents/kilowatt hour (an increase of nearly 2 cents/kWh).
Insurance	\$1,765/year	Based on a full coverage policy for personal use of a vehicle by a driver who is under 65 years of age, has more than 6 years of driving experience, no accidents & lives in the suburbs or city.
License, Registration & Taxes	\$762/year	Includes all government taxes & fees payable at time of purchase, as well as annual fees to keep the vehicle licensed & registered (national average).
Maintenance, Repair & Tires	9.83¢/mile	Includes retail parts & labor for routine maintenance specified by the vehicle manufacturer, a comprehensive extended warranty, repairs to wear-and-tear items that require service during 5 years of operation & one set of replacement tires.

Costs by Vehicle Category

For a full break down of costs per vehicle, [click here](#).

	Cost	Highlights
Small Sedan	59.59¢/mile	Least expensive overall costs, which makes them attractive to first-time buyers
Medium Sedan	73.65¢/mile	Middle of the pack for overall costs, however, most expensive to insure
Subcompact SUV	64.79¢/mile	Third lowest for depreciation, which is the single biggest expense of owning a new vehicle
Compact SUV	67.10¢/mile	Lowest to insure & are a popular choice among car buyers
Medium SUV	79.81¢/mile	Second most expensive to own & operate
Mid-size Pickup	81.72¢/mile	Third-highest overall driving costs
Half-Ton Pickup	\$1.06/mile	Highest overall driving costs
Hybrid	64.33¢/mile	Second least expensive for fuel & maintenance costs
Electric	67.41¢/mile	Least expensive for maintenance, repair & tire costs, fuel and licenses, registration & taxes; highest for depreciation

How to Calculate Your Own Driving Costs

You can determine the driving costs of your vehicle by visiting the AAA online [Your Driving Cost Calculator](#). From here, select desired state, annual mileage and driving ratio that represents your normal driving habits, and vehicle year/make/model & trim.

Methodology

AAA uses a proprietary methodology to calculate the costs of owning and operating a new car in the United States. Data is gathered from a variety of sources including Vincentric LLC, and incorporates standardized criteria to estimate the costs of using a new vehicle for personal transportation over five years and 75,000 miles of ownership. The use of standardized criteria ensures AAA estimates are consistent when comparing the driving costs of different vehicle types. Actual driving costs will vary based on driving habits, location, operating conditions and other factors.

Your Driving Costs

Please note the figures in each vehicle category are the average costs for five top-selling 2023 models selected by AAA for this year's Your Driving Costs study.

	Small Sedan	Medium Sedan	Subcompact SUV	Compact SUV (FWD)	Medium SUV (4WD)
Operating Costs					
fuel	11.18¢	12.52¢	13.17¢	12.76¢	16.66¢
maintenance	9.11¢	10.85¢	9.51¢	10.39¢	10.57¢
cost per mile	20.29¢	23.37¢	22.68¢	23.14¢	27.22¢
Ownership Costs					
full-coverage insurance	\$1,794	\$1,922	\$1,713	\$1,681	\$1,685
license, registration, taxes	\$505	\$668	\$599	\$629	\$816
depreciation (15k mi/yr)	\$2,846	\$3,922	\$3,102	\$3,332	\$4,136
finance charges	\$750	\$1,030	\$901	\$953	\$1,250
cost per year	\$5,895	\$7,542	\$6,316	\$6,594	\$7,887
cost per day	\$16.15	\$20.66	\$17.30	\$18.07	\$21.61
Total Cost - 10k mi/yr					
operating cost	\$2,029	\$2,337	\$2,268	\$2,314	\$2,722
ownership cost	\$5,895	\$7,542	\$6,316	\$6,594	\$7,887
depreciation ¹	-\$217	-\$241	-\$233	-\$286	-\$371
total cost per year	\$7,707	\$9,638	\$8,351	\$8,623	\$10,239
total cost per day	\$21.12	\$26.41	\$22.88	\$23.62	\$28.05
total cost per mile²	\$0.7707	\$0.9638	\$0.8351	\$0.8623	\$1.0239
Total Cost - 15k mi/yr					
operating cost	\$3,044	\$3,505	\$3,402	\$3,471	\$4,084
ownership cost	\$5,895	\$7,542	\$6,316	\$6,594	\$7,887
total cost per year	\$8,939	\$11,048	\$9,718	\$10,066	\$11,971
total cost per day	\$24.49	\$30.27	\$26.62	\$27.58	\$32.80
total cost per mile²	\$0.5959	\$0.7365	\$0.6479	\$0.6710	\$0.7981
Total Cost - 20k mi/yr					
operating cost	\$4,058	\$4,674	\$4,537	\$4,628	\$5,445
ownership cost	\$5,895	\$7,542	\$6,316	\$6,594	\$7,887
depreciation ¹	+\$235	+\$261	+\$252	+\$311	+\$401
total cost per year	\$10,188	\$12,477	\$11,104	\$11,533	\$13,733
total cost per day	\$27.91	\$34.18	\$30.42	\$31.60	\$37.63
total cost per mile²	\$0.5094	\$0.6239	\$0.5552	\$0.5767	\$0.6867

¹Depreciation for mileage under or over 15,000 miles annually averaged over 5 years.

²Total cost per year ÷ total miles per year.



Your Driving Costs

Please note the figures in each vehicle category are the average costs for five top-selling 2023 models selected by AAA for this year's Your Driving Costs study.

	Midsize Pickup	1/2 Ton/Crew-Cab Pickup	Hybrid Vehicle	Electric Vehicle	2023 Weighted Average
Operating Costs					
fuel	19.05¢	22.31¢	9.58¢	4.74¢	15.93¢
maintenance	10.35¢	9.42¢	9.09¢	8.12¢	9.83¢
cost per mile	29.40¢	31.73¢	18.67¢	12.86¢	25.76¢
Ownership Costs					
full-coverage insurance	\$1,679	\$1,807	\$1,710	\$1,820	\$1,765
license, registration, taxes	\$825	\$1,099	\$692	-\$192	\$762
depreciation (15k mi/yr)	\$4,089	\$6,464	\$3,401	\$5,296	\$4,538
finance charges	\$1,255	\$1,729	\$1,046	\$1,260	\$1,253
cost per year	\$7,848	\$11,099	\$6,849	\$8,183	\$8,318
cost per day	\$21.50	\$30.41	\$18.76	\$22.42	\$22.79
Total Cost - 10k mi/yr					
operating cost	\$2,940	\$3,173	\$1,867	\$1,286	\$2,576
ownership cost	\$7,848	\$11,099	\$6,849	\$8,183	\$8,318
decreased depreciation ¹	-\$395	-\$453	-\$272	-\$370	-\$345
total cost per year	\$10,393	\$13,818	\$8,445	\$9,099	\$10,549
total cost per day	\$28.48	\$37.86	\$23.14	\$24.93	\$28.90
total cost per mile²	\$1.0393	\$1.3818	\$0.8445	\$0.9099	\$1.0549
Total Cost - 15k mi/yr					
operating cost	\$4,410	\$4,759	\$2,801	\$1,929	\$3,864
ownership cost	\$7,848	\$11,099	\$6,849	\$8,183	\$8,318
total cost per year	\$12,258	\$15,858	\$9,650	\$10,112	\$12,182
total cost per day	\$33.58	\$43.45	\$26.44	\$27.70	\$33.37
total cost per mile²	\$0.8172	\$1.0572	\$0.6433	\$0.6741	\$0.8121
Total Cost - 20k mi/yr					
operating cost	\$5,879	\$6,346	\$3,734	\$2,572	\$5,152
ownership cost	\$7,848	\$11,099	\$6,849	\$8,183	\$8,318
increased depreciation ¹	+\$428	+\$496	+\$294	+\$399	+\$375
total cost per year	\$14,156	\$17,940	\$10,877	\$11,154	\$13,844
total cost per day	\$38.78	\$49.15	\$29.80	\$30.56	\$37.93
total cost per mile²	\$0.7078	\$0.8970	\$0.5438	\$0.5577	\$0.6922

¹Depreciation for mileage under or over 15,000 miles annually averaged over 5 years.

²Total cost per year ÷ total miles per year.

