

ENERGY EFFICIENT CARS

HOW MUCH ARE YOU REALLY SAVING AT THE PUMP?



TYPES OF ENERGY EFFICIENT CARS



Gas-Powered Fuel Efficient

Cars that run on gasoline, but are designed with a smaller engine, an aerodynamic shape, and weigh less than other cars on the market.

Hybrid

Cars that run with both gasoline or diesel and an electric motor, which means they have lower emissions overall.

Electric

Cars that run on an electric motor powered by a rechargeable battery.

THE COST TO OWN:

GAS VS. HYBRID VS ELECTRIC

*Numbers from Kelly Blue Book 2018



GAS-POWERED FUEL EFFICIENT CARS

TOYOTA CAMRY

Avg MPG: **32** | The Fair Market Range: **\$21,990 - \$23,472**

5-YEAR COST TO OWN

what is the projected cost to own?

5year cost: **\$37,562***
(\$0.50 per mile)

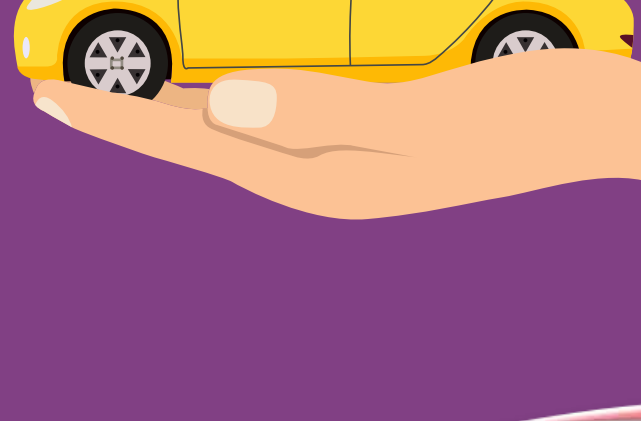
How Does It Compare to similar cars?
LOWER THAN MOST
(comparison based on values before customization)

YEARLY BREAKDOWN

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Fuel	\$1,262	\$1,202	\$1,197	\$1,216	\$1,244	\$6,121
Insurance	\$1,540	\$1,540	\$1,540	\$1,540	\$1,540	\$7,700
Financing	\$631	\$499	\$364	\$224	\$79	\$1,797
State fees	\$1,630	\$202	\$204	\$160	\$160	\$2,356
Maintenance	\$216	\$531	\$216	\$825	\$735	\$2,523
Repairs	\$0	\$0	\$553	\$553	\$553	\$1,659
Depreciation	\$8,438	\$1,742	\$1,742	\$1,742	\$1,742	\$15,406
Year total	\$13,717	\$5,716	\$5,816	\$6,260	\$6,053	\$37,562

KEY TAKEAWAYS

- ✓ Highest long-term fuel costs.
- ✓ Lower repair costs over the lifetime of the vehicle.
- ✓ Least eco-friendly option among efficient cars.



HYBRID CARS

TOYOTA PRIUS

Avg MPG: **52** | The Fair Market Range: **\$21,600 - \$23,363**



5-YEAR COST TO OWN

what is the projected cost to own?

5year cost: **\$37,562***
(\$0.50 per mile)

How Does It Compare to similar cars?
LOWER THAN MOST
(comparison based on values before customization)

YEARLY BREAKDOWN

	Year 1	Year 2	Year 3	Year 4	Year 5	Total
Fuel	\$777	\$739	\$736	\$748	\$765	\$3,765
Insurance	\$1,550	\$1,550	\$1,550	\$1,550	\$1,550	\$7,750
Financing	\$626	\$496	\$361	\$222	\$79	\$1,784
State fees	\$1,649	\$203	\$205	\$162	\$161	\$2,380
Maintenance	\$0	\$500	\$216	\$684	\$698	\$2,098
Repairs	\$0	\$553	\$553	\$553	\$553	\$2,212
Depreciation	\$8,651	\$2,557	\$2,301	\$1,790	\$2,045	\$17,344
Year total	\$13,253	\$6,598	\$5,922	\$5,709	\$5,851	\$37,333

KEY TAKEAWAYS

- ✓ Depreciate in value slower than electric cars.
- ✓ Significant fuel savings over gas cars, but less than electric.
- ✓ Upfront cost less than electric cars.

Many popular car models can be purchased as gas/electric hybrid models (like the Toyota Camry!)



ELECTRIC CARS

TOYOTA PRIUS

Avg MPG: **112** | The Fair Market Range: **\$27,525 - \$29,580**

5-YEAR COSTS TO OWN

what is the projected cost to own?

5year cost: **\$37,562***
(\$0.50 per mile)

How Does It Compare to similar cars?
LOWER THAN MOST
(comparison based on values before customization)

YEARLY BREAKDOWN

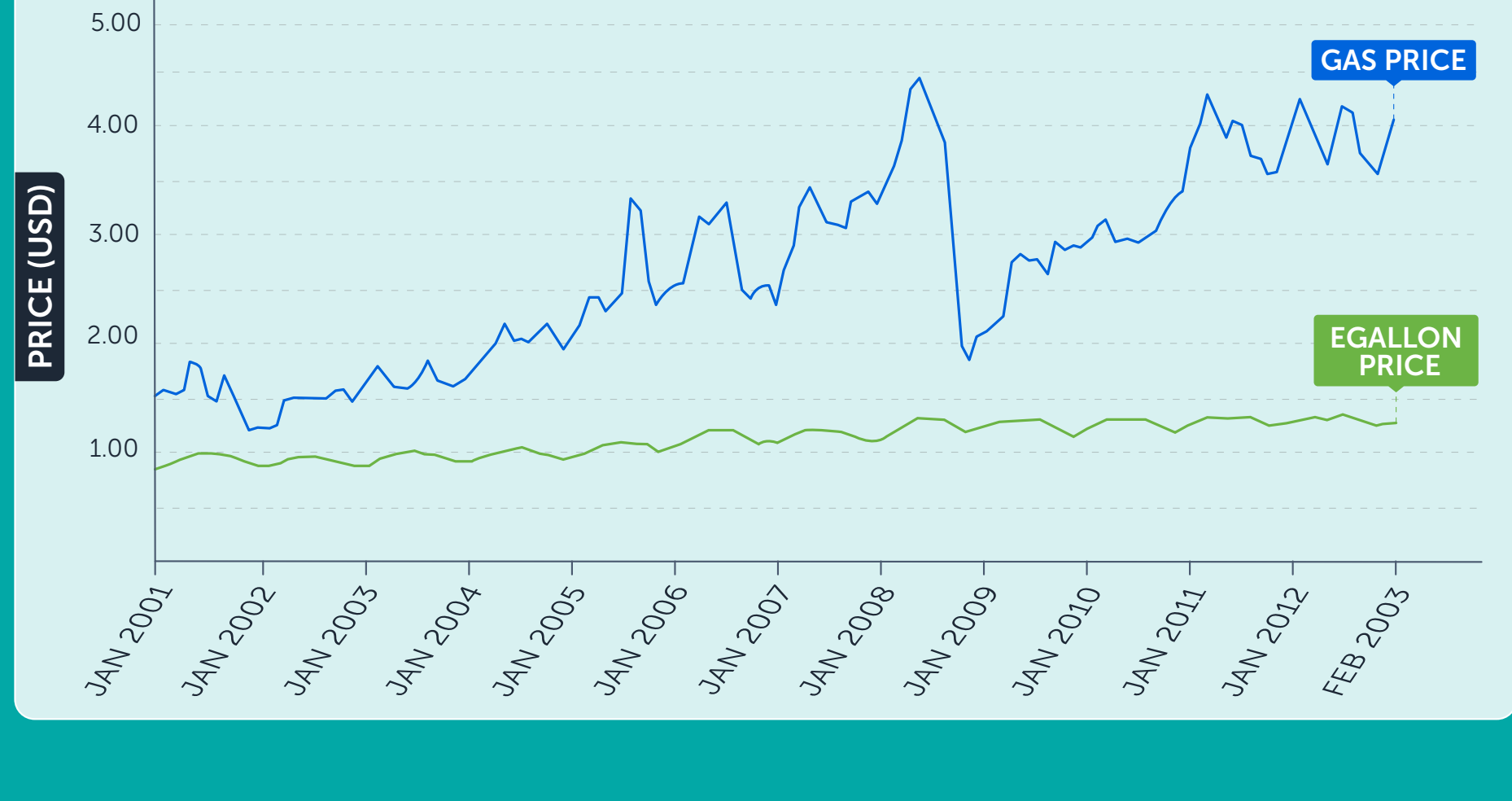
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KEY TAKEAWAYS

- ✓ Lowest long-term fuel costs.
- ✓ Tax credits can reduce higher upfront costs.
- ✓ Less price volatility with electric than gas.



GASOLINE VS. EGALLON PRICES, 2001-PRESENT



WHICH IS THE RIGHT ONE FOR YOU?

There are many factors that go into buying a car, such as ...



BUDGET

Do you want to spend more upfront or save money on fuel over 5 years?

ASSET INVESTMENT

Do you plan to resell or trade-in for a higher value?

CAR MODEL

Are the safety features the right fit for your family?

INSURANCE PREMIUMS

Does the car have higher insurance than other types?

ENVIRONMENT IMPACT

Is your carbon footprint an important factor?

Make sure you make an informed decision before investing in a vehicle. It could make the difference in your overall family budget!



www.homeselfe.com



SOURCES:

- http://money.cnn.com/2017/07/05/technology/electric-cars-vs-gas-cars.html
- https://www.solar-estimate.org/news/2018-03-07-do-electric-vehicles-cost-less-to-drive-than-gas-powered-vehicles
- https://www.energy.gov/energysaver/vehicles-and-fuels/buying-and-driving-fuel-efficient-and-alternative-fuel-vehicles
- https://www.nerdwallet.com/blog/loans/electric-hybrid-gas-how-they-compare-costs-2015/
- https://www.greencarreports.com/news/1113175_electric-cars-win-on-energy-efficiency-vs-hydrogen-gasoline-diesel-analysis