

ENERGY EFFICIENT CARS

SAVE AT THE PUMP, SAVE THE ENVIRONMENT!



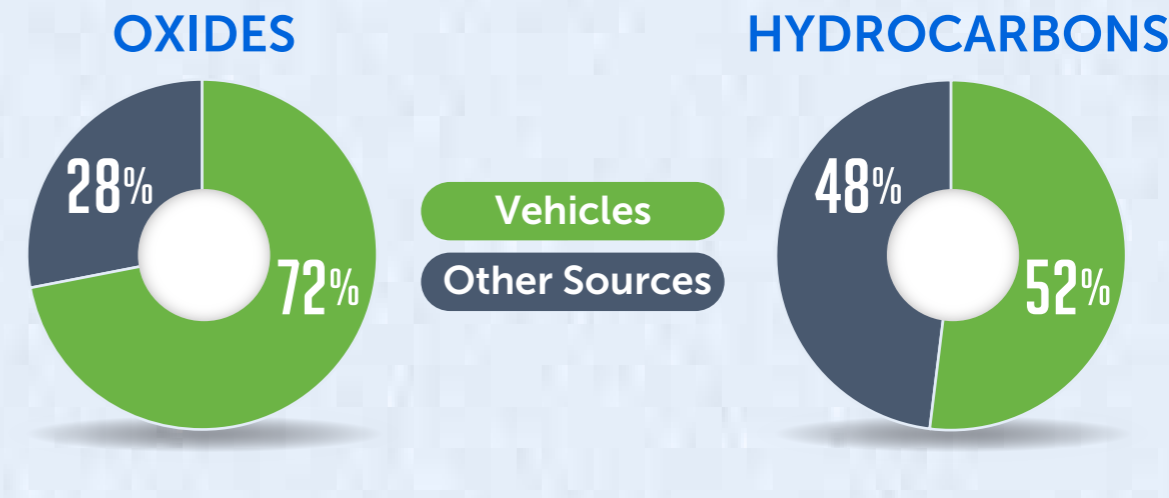
THE ENVIRONMENTAL IMPACT OF FUEL: CAR EMISSIONS & GLOBAL WARMING

Transportation was the **second largest source of emissions** between 1990 and 2008...



Vehicles release approximately **333 MILLION TONS** of carbon dioxide into the atmosphere every year.

Vehicles are also responsible for a majority of other pollutant emissions:



By comparison, an electric car has 54% lower lifetime carbon pollution than traditional gas-fueled!

TYPES OF ENERGY EFFICIENT CARS

GAS-POWERED FUEL EFFICIENT



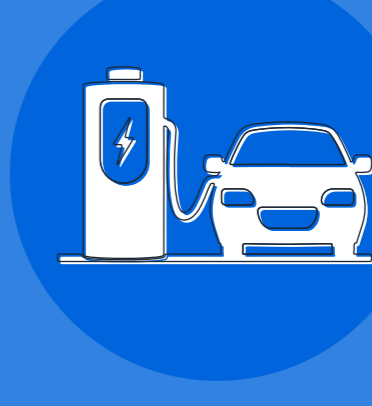
Cars that run on gasoline, but are designed with a smaller engine, an aerodynamic shape, & weigh less than other cars on the market.

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

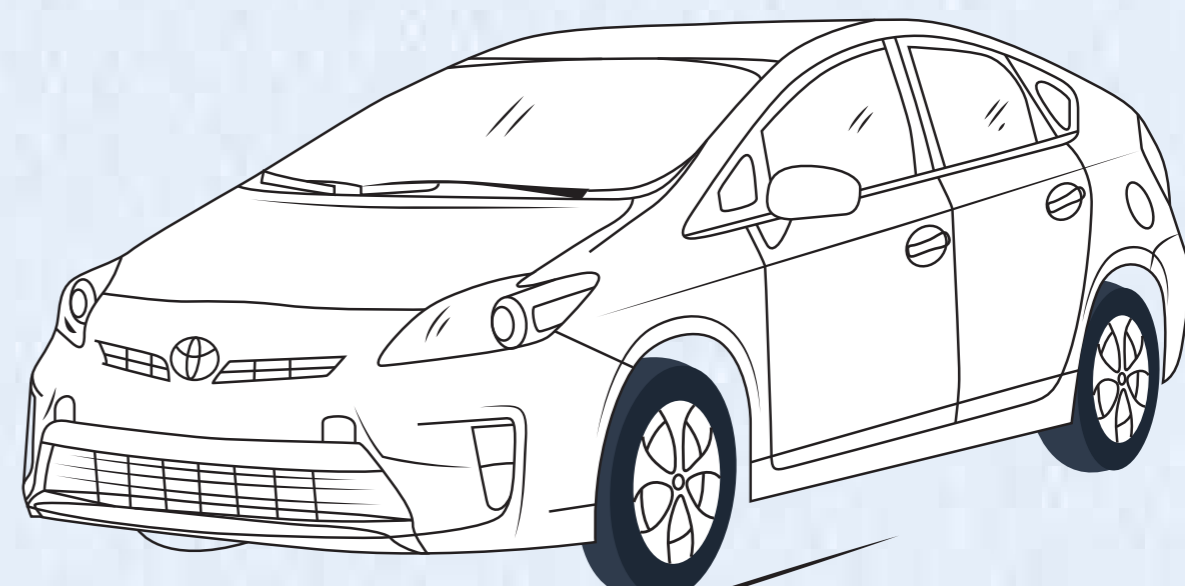
Lower repair costs over the lifetime of the vehicle

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: **\$37,333*** (\$0.49 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	\$0	\$553	\$553	\$553	\$1,659
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

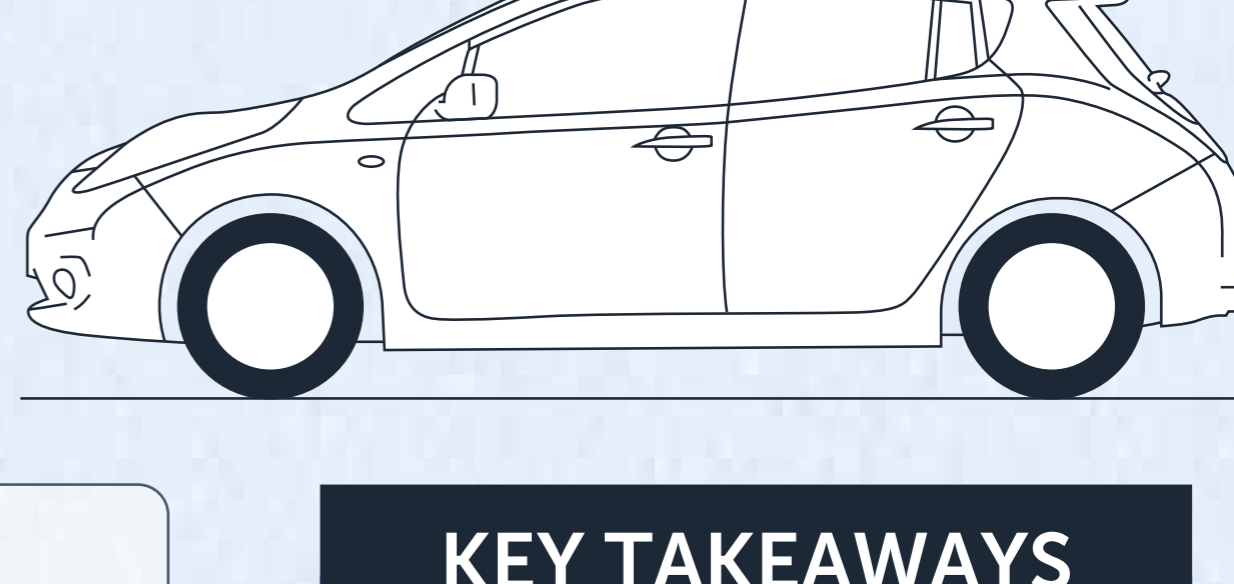
Upfront cost less than electric cars

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

ELECTRIC CARS

NISSAN LEAF

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



5-YEAR COST TO OWN

what is the projected cost to own?

5year cost: **\$37,333*** (\$0.49 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	\$360	\$343	\$347	\$347	\$355	\$1,746
INSURANCE	\$1,510	\$1,510	\$1,510	\$1,510	\$1,510	\$7,550
FINANCING	\$796	\$630	\$459	\$283	\$100	\$2,268
STATE FEES	\$-5,451	\$242	\$239	\$189	\$184	\$-4,597
MAINTENANCE	\$136	\$397	\$136	\$637	\$630	\$1,936
REPAIRS	\$0	\$0	\$623	\$623	\$623	\$1,869
DEPRECIATION	\$14,660	\$2,778	\$2,779	\$2,161	\$1,853	\$24,231
YEAR TOTAL	\$12,011	\$5,900	\$6,087	\$5,750	\$5,255	\$35,003

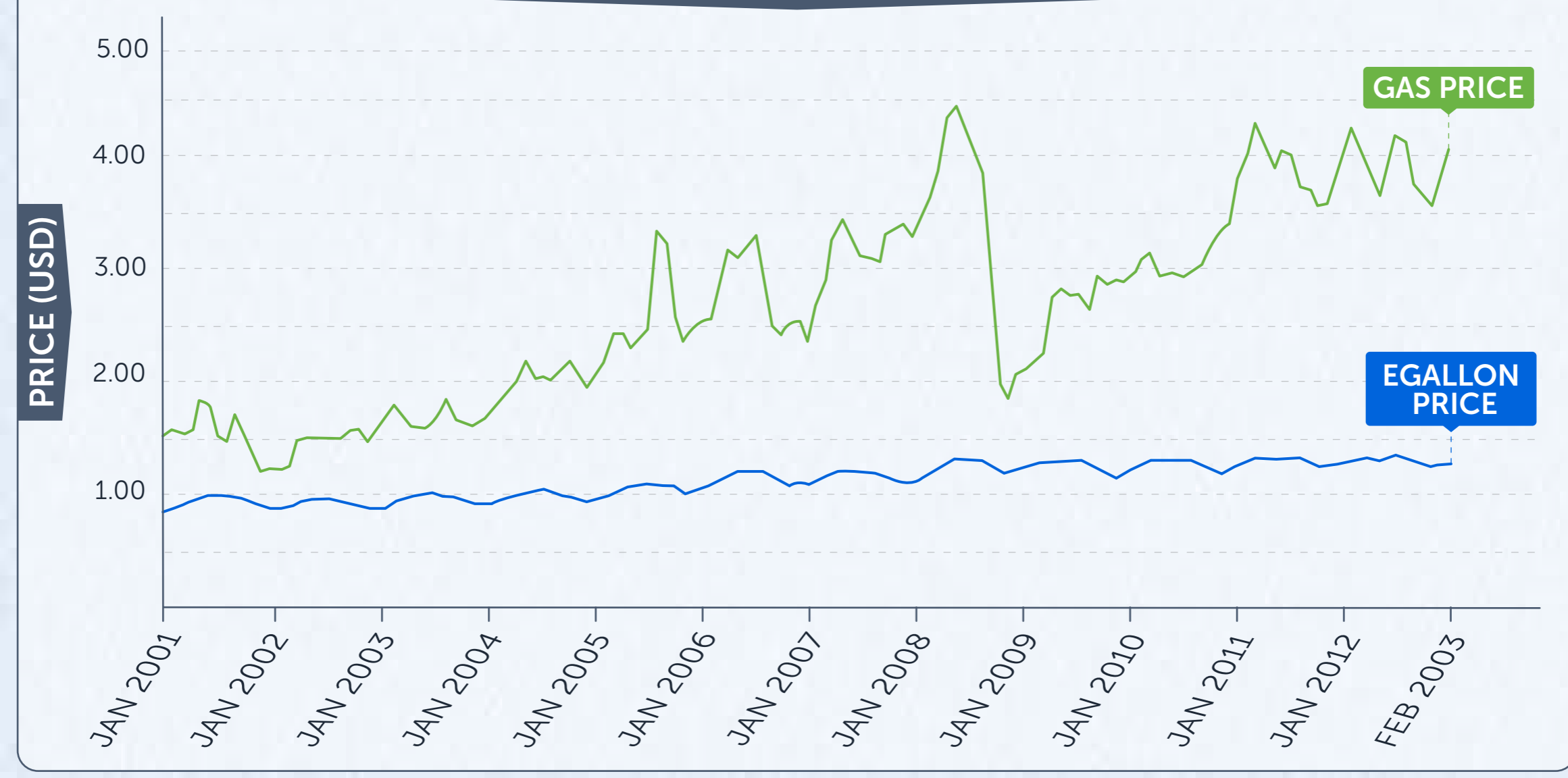
KEY TAKEAWAYS

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 ...

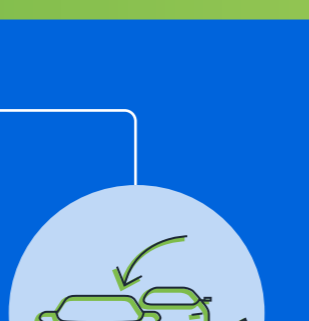


BUDGET



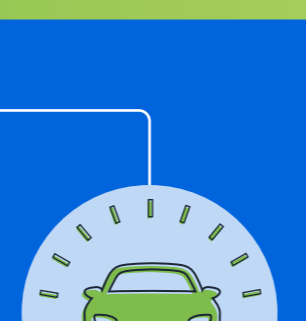
Do you want to spend more upfront or save money on fuel over 5 years?

ASSET INVESTMENT



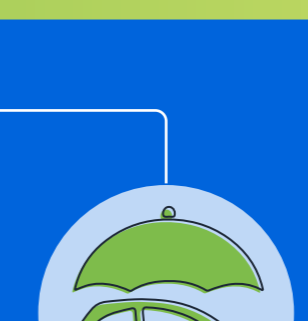
Do you plan to resell or trade-in for a higher value?

CAR MODEL



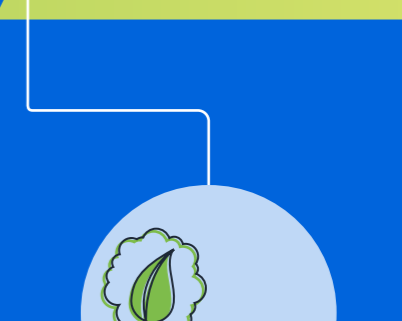
Are the safety features the right fit for your family?

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!

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SOURCES:
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