

# 2022 MODEL YEAR VEHICLES (PRELIMINARY)

This section contains the fuel economy values for 2022 model year vehicles.

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## MINICOMPACT CARS

### MINI

#### Cooper Convertible

AM-S7, 1.5L, 3cyl	32	29/38	\$1,750	7	P T SS
M-6, 1.5L, 3cyl	31	27/37	\$1,800	7	P T SS

#### Cooper S Convertible

AM-S7, 2.0L, 4cyl	30	27/36	\$1,850	6	P T
M-6, 2.0L, 4cyl	26	23/33	\$2,150	5	P T

#### John Cooper Works Convertible

A-S8, 2.0L, 4cyl	28	24/33	\$2,000	6	P T SS
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## SUBCOMPACT CARS

### BMW

#### 840i Convertible

A-S8, 3.0L, 6cyl	25	22/29	\$2,200	5	P T SS
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#### 840i Coupe

A-S8, 3.0L, 6cyl	25	23/30	\$2,200	5	P T SS
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#### 840i xDrive Convertible

A-S8, 3.0L, 6cyl	23	20/27	\$2,400	5	P T SS
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#### 840i xDrive Coupe

A-S8, 3.0L, 6cyl	23	20/27	\$2,400	5	P T SS
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#### M8 Competition Convertible

A-S8, 4.4L, 8cyl	17	15/21	\$3,250	3	P T Tax SS
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#### M8 Competition Coupe

A-S8, 4.4L, 8cyl	17	15/21	\$3,250	3	P T Tax SS
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#### M850i xDrive Convertible

A-S8, 4.4L, 8cyl	19	17/24	\$2,900	4	P T SS
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#### M850i xDrive Coupe

A-S8, 4.4L, 8cyl	20	17/25	\$2,750	4	P T SS
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### CHEVROLET

#### Spark

AV, 1.4L, 4cyl	33	30/38	\$1,350	7	
M-5, 1.4L, 4cyl	33	29/38	\$1,350	7	

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

#### Spark ACTIV

AV, 1.4L, 4cyl	33	30/37	\$1,350	7	
M-5, 1.4L, 4cyl	32	29/37	\$1,400	7	

### MINI

#### Cooper Hardtop 2 door

AM-S7, 1.5L, 3cyl	32	29/38	\$1,750	7	P T SS
M-6, 1.5L, 3cyl	31	27/37	\$1,800	7	P T SS

#### Cooper Hardtop 4 door

AM-S7, 1.5L, 3cyl	32	29/38	\$1,750	7	P T SS
M-6, 1.5L, 3cyl	31	27/37	\$1,800	7	P T SS

#### Cooper S Hardtop 2 door

AM-S7, 2.0L, 4cyl	31	28/38	\$1,800	7	P T
M-6, 2.0L, 4cyl	27	23/33	\$2,050	6	P T

#### Cooper S Hardtop 4 door

AM-S7, 2.0L, 4cyl	31	28/38	\$1,800	7	P T
M-6, 2.0L, 4cyl	27	23/33	\$2,050	6	P T

#### Cooper SE Hardtop 2 door

A-1	110	119/100	\$600	10	EV
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#### John Cooper Works Hardtop 2 door

A-S8, 2.0L, 4cyl	29	25/34	\$1,900	6	P T
M-6, 2.0L, 4cyl	25	22/31	\$2,200	5	P T

## COMPACT CARS

### GENESIS

#### G70 AWD

A-S8, 2.0L, 4cyl	23	20/28	\$2,400	5	P T
A-S8, 3.3L, 6cyl	20	17/25	\$2,750	4	P T

#### G70 RWD

A-S8, 2.0L, 4cyl	24	21/31	\$2,300	5	P T
A-S8, 3.3L, 6cyl	21	18/27	\$2,650	4	P T

### HONDA

#### Insight Touring

AV, 1.5L, 4cyl	48	51/45	\$950	9	HEV SS
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#### ABBREVIATIONS USED IN THIS GUIDE:

▶.....	Highest MPG in Class
2WD.....	Two-Wheel Drive
4WD.....	Four-Wheel Drive
A.....	Automatic Transmission
A-S.....	Automatic Transmission-Select Shift
AM.....	Automated Manual
AM-S.....	Automated Manual-Selectable
AV.....	Continuously Variable Transmission
AV-S.....	Continuously Variable Transmission with Select Shift
AWD.....	All-Wheel Drive
City.....	MPG on City Test Procedure
Comb.....	Combined
Cyl.....	Cylinders
D.....	Ultra-Low Sulfur Diesel
E85.....	85% Ethanol/15% Gasoline

Eng Size.....	Engine Volume in Liters
EV.....	Electric Vehicle
FCV.....	Fuel Cell Vehicle
FFV.....	Flexible Fuel Vehicle
FWD.....	Front-Wheel Drive
Gas.....	Regular Gasoline
GHG.....	Greenhouse Gas
GVWR.....	Gross Vehicle Weight Rating
HEV.....	Hybrid-Electric Vehicle
HP.....	Horsepower
Hwy.....	MPG on Highway Test Procedure
Li-Ion.....	Lithium Ion
LWB.....	Long Wheel Base
M.....	Manual Transmission
MDPV.....	Medium-duty passenger vehicle
MHEV.....	Mild Hybrid-Electric Vehicle
Mid.....	Midgrade Gasoline

Mode.....	Multimode Transmission
MPG.....	Miles per Gallon
NA.....	Not Available
Ni-MH.....	Nickel-Metal Hydride
P.....	Premium Gasoline Recommended
PHEV.....	Plug-in Hybrid Electric Vehicle
PR.....	Premium Gasoline Required
PT4.....	Part-time 4WD
RWD.....	Rear Wheel Drive
S.....	Supercharger
Spt Pkg.....	Sport Package
SS.....	Stop-Start Technology
T.....	Turbocharger
Tax.....	Subject to Gas Guzzler Tax
Trans.....	Transmission
with C. D. ..	With Cylinder Deactivation
XFE.....	Optional Technology Package

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## HYUNDAI

### Veloster N

AM-S8, 2.0L, 4cyl	22	20/27	\$2,500	5	P T
M-6, 2.0L, 4cyl	25	22/28	\$2,200	5	P T

## MIDSIZE CARS

## BMW

### 840i Gran Coupe

A-S8, 3.0L, 6cyl	25	22/29	\$2,200	5	P T SS
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### 840i xDrive Gran Coupe

A-S8, 3.0L, 6cyl	23	20/27	\$2,400	5	P T SS
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### Alpina B8 Gran Coupe

A-S8, 4.4L, 8cyl	19	17/24	\$2,900	4	P T SS
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### M5 CS Sedan

A-S8, 4.4L, 8cyl	17	15/21	\$3,250	3	P T Tax SS
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### M8 Competition Gran Coupe

A-S8, 4.4L, 8cyl	17	15/21	\$3,250	3	P T Tax SS
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### M850i xDrive Gran Coupe

A-S8, 4.4L, 8cyl	19	17/24	\$2,900	4	P T SS
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### X2 M35i

A-S8, 2.0L, 4cyl	26	23/30	\$2,150	5	P T SS
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### X2 sDrive28i

A-S8, 2.0L, 4cyl	27	24/32	\$2,050	6	P T SS
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### X2 xDrive28i

A-S8, 2.0L, 4cyl	27	24/31	\$2,050	6	P T SS
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## CHEVROLET

### Malibu

AV, 1.5L, 4cyl	32	29/36	\$1,400	7	T SS
A-9, 2.0L, 4cyl	26	22/33	\$2,150	5	P T

## HONDA

### Insight

AV, 1.5L, 4cyl	52	55/49	\$850	9	HEV SS
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## HYUNDAI

### Elantra

AM-S7, 1.6L, 4cyl	31	28/36	\$1,450	7	T
M-6, 1.6L, 4cyl	28	25/34	\$1,600	6	T
AV-S1, 2.0L, 4cyl	37	33/43	\$1,200	8	SS
AV-S1, 2.0L, 4cyl	35	31/41	\$1,300	7	

## KIA

### Stinger AWD

A-S8, 2.5L, 4cyl	24	21/29	\$2,300	5	P T SS
A-S8, 3.3L, 6cyl	20	17/24	\$2,750	4	P T SS

### Stinger RWD

A-S8, 2.5L, 4cyl	25	22/32	\$2,200	5	P T SS
A-S8, 3.3L, 6cyl	20	18/25	\$2,750	4	P T SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## MINI

### Cooper Countryman

AM-S7, 1.5L, 3cyl	29	26/33	\$1,900	6	P T SS
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### Cooper Countryman All4

A-S8, 1.5L, 3cyl	26	23/30	\$2,150	5	P T SS
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### Cooper S Clubman

AM-S7, 2.0L, 4cyl	29	25/35	\$1,900	6	P T
M-6, 2.0L, 4cyl	26	23/33	\$2,150	5	P T

### Cooper S Clubman All4

A-S8, 2.0L, 4cyl	26	23/32	\$2,150	5	P T SS
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### Cooper S Countryman

AM-S7, 2.0L, 4cyl	28	24/33	\$2,000	6	P T
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### Cooper S Countryman All4

A-S8, 2.0L, 4cyl	26	23/31	\$2,150	5	P T SS
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### Cooper SE Countryman All4

A-S6, 1.5L, 3cyl	See page 27.				T PHEV SS
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### JCW Countryman All4

A-S8, 2.0L, 4cyl	26	23/30	\$2,150	5	P T SS
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### John Cooper Works Clubman All4

A-S8, 2.0L, 4cyl	26	23/31	\$2,150	5	P T SS
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## LARGE CARS

## BMW

### 740i Sedan

A-S8, 3.0L, 6cyl	25	22/29	\$2,200	5	P T SS
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### 740i xDrive Sedan

A-S8, 3.0L, 6cyl	23	20/27	\$2,400	5	P T SS
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### 750i xDrive Sedan

A-S8, 4.4L, 8cyl	19	17/24	\$2,900	4	P T SS
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### Alpina B7 xDrive

A-S8, 4.4L, 8cyl	19	17/24	\$2,900	4	P T SS
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### M760i xDrive Sedan

A-S8, 6.6L, 12cyl	16	13/20	\$3,450	3	P T Tax SS
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## GENESIS

### G80 AWD

A-S8, 2.5L, 4cyl	25	22/30	\$2,200	5	P T SS
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### G80 RWD

A-S8, 2.5L, 4cyl	26	23/32	\$2,150	5	P T SS
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### G90 AWD

A-S8, 3.3L, 6cyl	20	17/24	\$2,750	4	P T
A-S8, 5.0L, 8cyl	18	16/23	\$3,100	3	P

### G90 RWD

A-S8, 3.3L, 6cyl	19	17/24	\$2,900	4	P T
A-S8, 5.0L, 8cyl	19	16/24	\$2,900	4	P

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## HYUNDAI

### Sonata

A-S8, 1.6L, 4cyl	31	27/37	\$1,450	7	T
A-S8, 2.5L, 4cyl	32	28/38	\$1,400	7	SS
A-S8, 2.5L, 4cyl	31	27/37	\$1,450	7	
AM-S8, 2.5L, 4cyl	27	23/33	\$1,700	6	T

### Sonata Hybrid

AM-S6, 2.0L, 4cyl	47	45/51	\$950	9	HEV SS
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### Sonata Hybrid Blue

AM-S6, 2.0L, 4cyl	52	50/54	\$850	9	HEV SS
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## KIA

### K5

A-S8, 1.6L, 4cyl	32	29/38	\$1,400	7	T SS
A-S8, 1.6L, 4cyl	31	27/37	\$1,450	7	T
AM-S8, 2.5L, 4cyl	27	24/32	\$1,700	6	T

### K5 AWD

A-S8, 1.6L, 4cyl	28	25/33	\$1,600	6	T
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## SUBARU

### Legacy AWD

AV-S8, 2.4L, 4cyl	27	24/32	\$1,700	6	T SS
AV-S8, 2.5L, 4cyl	30	27/35	\$1,500	6	SS

## SMALL STATION WAGONS

## CHEVROLET

### Bolt EUV

AV	115	125/104	\$550	10	EV
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### Bolt EV

AV	120	131/109	\$550	10	EV
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## KIA

### Niro

AM-S6, 1.6L, 4cyl	49	51/46	\$900	9	HEV SS
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### Niro FE

AM-S6, 1.6L, 4cyl	50	53/48	\$900	9	HEV SS
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### Niro Touring

AM-S6, 1.6L, 4cyl	43	46/40	\$1,050	8	HEV SS
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### Soul

AM-S7, 1.6L, 4cyl	29	27/32	\$1,550	6	T SS
AV, 2.0L, 4cyl	30	28/33	\$1,500	6	SS

### Soul Eco dynamics

AV, 2.0L, 4cyl	31	29/35	\$1,450	7	SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

## SMALL PICKUP TRUCKS 2WD

## CHEVROLET

### Colorado 2WD

A-6, 2.5L, 4cyl	22	19/25	\$2,050	5	
A-6, 2.8L, 4cyl	23	20/30	\$2,100	4	DT
A-8, 3.6L, 6cyl	21	18/25	\$2,150	4	

## GMC

### Canyon 2WD

A-6, 2.5L, 4cyl	22	19/25	\$2,050	5	
A-6, 2.8L, 4cyl	23	20/30	\$2,100	4	DT
A-8, 3.6L, 6cyl	21	18/25	\$2,150	4	

## HYUNDAI

### Santra Cruz FWD

A-S8, 2.5L, 4cyl	23	21/26	\$1,950	5	
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## SMALL PICKUP TRUCKS 4WD

## CHEVROLET

### Colorado 4WD

A-6, 2.5L, 4cyl	21	19/24	\$2,150	4	
A-6, 2.8L, 4cyl	22	19/28	\$2,200	4	DT
A-8, 3.6L, 6cyl	19	17/24	\$2,400	4	

### Colorado ZR2 4WD

A-6, 2.8L, 4cyl	19	18/22	\$2,550	3	DT
A-8, 3.6L, 6cyl	17	16/18	\$2,650	3	

## GMC

### Canyon 4WD

A-6, 2.5L, 4cyl	21	19/24	\$2,150	4	
A-6, 2.8L, 4cyl	22	19/28	\$2,200	4	DT
A-8, 3.6L, 6cyl	19	17/24	\$2,400	4	

## HYUNDAI

### Santra Cruz AWD

A-S8, 2.5L, 4cyl	23	21/27	\$1,950	5	
AM-S8, 2.5L, 4cyl	22	19/27	\$2,050	5	T

## SPECIAL PURPOSE VEHICLES 2WD

## FORD

### Transit Connect USPS

A-S6, 2.5L, 4cyl	22	20/27	\$2,050	5	
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### Transit Connect Van FFV

A-S8, 2.0L, 4cyl	25	24/27	\$1,800	5	Gas
	19	18/20	\$1,600	5	E85

### Transit Connect Van FWD

A-S8, 2.0L, 4cyl	25	24/27	\$1,800	5	SS
A-S6, 2.5L, 4cyl	22	20/26	\$2,050	5	

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### Transit Connect Wagon LWB FFV

A-S8, 2.0L, 4cyl	26	24/28	\$1,750	5	Gas
	18	16/21	\$1,700	5	E85

### Transit Connect Wagon LWB FWD

A-S8, 2.0L, 4cyl	26	24/28	\$1,750	5	SS
A-S6, 2.5L, 4cyl	22	20/26	\$2,050	5	

## MINIVANS 2WD

### HONDA

#### Odyssey

A-S10, 3.5L, 6cyl	22	19/28	\$2,050	5	SS
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### KIA

#### Carnival

A-S8, 3.5L, 6cyl	22	19/26	\$2,050	5	
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## SMALL SPORT UTILITY VEHICLES 2WD

### ACURA

#### MDX FWD

A-S10, 3.5L, 6cyl	22	19/26	\$2,500	5	P
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### BUICK

#### Encore FWD

A-S6, 1.4L, 4cyl	27	24/32	\$1,700	6	T
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#### Encore GX FWD

AV, 1.2L, 3cyl	30	29/31	\$1,500	6	T SS
AV, 1.3L, 3cyl	30	29/32	\$1,500	6	T SS

#### Envision FWD

A-S9, 2.0L, 4cyl	26	24/31	\$1,750	5	T SS
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### CADILLAC

#### XT4 FWD

A-S9, 2.0L, 4cyl	26	24/30	\$2,150	5	PT SS
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### CHEVROLET

#### Equinox FWD

A-6, 1.5L, 4cyl	28	26/31	\$1,600	6	T SS
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#### Trailblazer FWD

AV, 1.2L, 3cyl	30	29/31	\$1,500	6	T SS
AV, 1.3L, 3cyl	31	29/33	\$1,450	7	T SS

#### Trax FWD

A-S6, 1.4L, 4cyl	27	24/32	\$1,700	6	T
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### GMC

#### Terrain FWD

A-9, 1.5L, 4cyl	27	25/30	\$1,700	6	T SS
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### HYUNDAI

#### Kona FWD

AM-S7, 1.6L, 4cyl	32	29/35	\$1,400	7	T SS
AV-S1, 2.0L, 4cyl	32	30/35	\$1,400	7	SS

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### Santa Fe FWD

A-S8, 2.5L, 4cyl	26	25/28	\$1,750	5	SS
AM-S8, 2.5L, 4cyl	25	22/28	\$1,800	5	T SS

### Tucson FWD

A-S8, 2.5L, 4cyl	29	26/33	\$1,550	6	SS
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### KIA

#### Seltos FWD

AV-S8, 2.0L, 4cyl	31	29/35	\$1,450	7	SS
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#### Sportage FWD

A-S6, 2.0L, 4cyl	23	20/28	\$1,950	5	T
A-S6, 2.4L, 4cyl	26	23/30	\$1,750	5	

#### Telluride FWD

A-S8, 3.8L, 6cyl	23	20/26	\$1,950	5	SS
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### MITSUBISHI

#### Eclipse Cross 2WD

AV-S8, 1.5L, 4cyl	26	25/28	\$1,750	5	T
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#### Eclipse Cross ES 2WD

AV-S8, 1.5L, 4cyl	27	26/29	\$1,700	6	T
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#### Outlander 2WD

AV-S8, 2.5L, 4cyl	27	24/31	\$1,700	6	
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### NISSAN

#### Pathfinder 2WD

A-S9, 3.5L, 6cyl	23	21/26	\$1,950	5	SS
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### VOLKSWAGEN

#### Taos

A-8, 1.5L, 4cyl	31	28/36	\$1,450	7	T SS
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## SMALL SPORT UTILITY VEHICLES 4WD

### ACURA

#### MDX AWD

A-S10, 3.5L, 6cyl	21	19/25	\$2,650	4	P
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### BUICK

#### Encore AWD

A-S6, 1.4L, 4cyl	26	23/30	\$1,750	5	T
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#### Encore GX AWD

A-9, 1.3L, 3cyl	27	26/29	\$1,700	6	T SS
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#### Envision AWD

A-S9, 2.0L, 4cyl	25	22/29	\$1,800	5	T SS
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### CADILLAC

#### XT4 AWD

A-S9, 2.0L, 4cyl	24	22/29	\$2,300	5	PT SS
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### CHEVROLET

#### Equinox AWD

A-6, 1.5L, 4cyl	27	25/30	\$1,700	6	T SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### Trailblazer AWD

A-9, 1.3L, 3cyl	28	26/30	\$1,600	6	T SS
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### Trax AWD

A-S6, 1.4L, 4cyl	26	23/30	\$1,750	5	T
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## GENESIS

### GV70 AWD

A-S8, 2.5L, 4cyl	24	22/28	\$2,300	5	P T SS
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A-S8, 2.5L, 4cyl	22	19/26	\$2,500	5	P T Spt Pkg SS
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A-S8, 3.5L, 6cyl	21	19/25	\$2,650	4	P T SS
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## GMC

### Terrain AWD

A-9, 1.5L, 4cyl	26	25/28	\$1,750	5	T SS
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## HYUNDAI

### Kona AWD

AM-S7, 1.6L, 4cyl	29	27/32	\$1,550	6	T SS
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AV-S1, 2.0L, 4cyl	30	28/33	\$1,500	6	SS
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### Santa Fe AWD

A-S8, 2.5L, 4cyl	24	22/25	\$1,900	5	SS
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AM-S8, 2.5L, 4cyl	24	21/28	\$1,900	5	T SS
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### Santa Fe Hybrid

AM-S6, 1.6L, 4cyl	32	33/30	\$1,400	7	T HEV SS
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### Santa Fe Hybrid Blue

AM-S6, 1.6L, 4cyl	34	36/31	\$1,350	7	T HEV SS
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### Tucson AWD

A-S8, 2.5L, 4cyl	26	24/29	\$1,750	5	
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### Tucson Hybrid

AM-S6, 1.6L, 4cyl	37	37/36	\$1,200	8	T HEV SS
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### Tucson Hybrid Blue

AM-S6, 1.6L, 4cyl	38	38/38	\$1,200	8	T HEV SS
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## INFINITI

### QX55 AWD

AV-S8, 2.0L, 4cyl	25	22/28	\$2,200	5	P T
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## KIA

### Seltos AWD

AM-S7, 1.6L, 4cyl	27	25/30	\$1,700	6	T SS
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AV-S8, 2.0L, 4cyl	29	27/31	\$1,550	6	SS
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### Sportage AWD

A-S6, 2.0L, 4cyl	21	19/24	\$2,150	4	T
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A-S6, 2.4L, 4cyl	23	22/26	\$1,950	5	
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### Telluride AWD

A-S8, 3.8L, 6cyl	21	19/24	\$2,150	4	SS
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## MITSUBISHI

### Eclipse Cross 4WD

AV-S8, 1.5L, 4cyl	25	25/26	\$1,800	5	T
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

### Eclipse Cross ES 4WD

AV-S8, 1.5L, 4cyl	26	25/28	\$1,750	5	T
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### Outlander 4WD

AV-S8, 2.5L, 4cyl	26	24/30	\$1,750	5	
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## NISSAN

### Pathfinder 4WD

A-S9, 3.5L, 6cyl	23	21/27	\$1,950	5	SS
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## SUBARU

### Outback AWD

AV-S8, 2.4L, 4cyl	26	23/30	\$1,750	5	T SS
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AV-S8, 2.5L, 4cyl	29	26/33	\$1,550	6	SS
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### Outback Wilderness AWD

AV-S8, 2.4L, 4cyl	24	22/26	\$1,900	5	T SS
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## VOLKSWAGEN

### Taos 4motion

A-7, 1.5L, 4cyl	28	25/32	\$1,600	6	T SS
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## STANDARD SPORT UTILITY VEHICLES 2WD

## HYUNDAI

### Palisade FWD

A-S8, 3.8L, 6cyl	22	19/26	\$2,050	5	
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## STANDARD SPORT UTILITY VEHICLES 4WD

## HYUNDAI

### Palisade AWD

A-S8, 3.8L, 6cyl	21	19/24	\$2,150	4	
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## LAND ROVER

### Defender 110

A-S8, 2.0L, 4cyl	18	17/20	\$3,100	3	P T SS
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A-S8, 5.0L, 8cyl	16	14/19	\$3,450	3	P S SS
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### Defender 110 MHEV

A-S8, 3.0L, 6cyl	19	17/22	\$2,900	4	P T S MHEV SS
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### Defender 90

A-S8, 2.0L, 4cyl	19	18/21	\$2,900	4	P T SS
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A-S8, 5.0L, 8cyl	16	15/19	\$3,450	3	P S SS
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### Defender 90 MHEV

A-S8, 3.0L, 6cyl	19	17/22	\$2,900	4	P T S MHEV SS
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### Discovery

A-S8, 2.0L, 4cyl	21	19/22	\$2,650	4	P T SS
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### Discovery MHEV

A-S8, 3.0L, 6cyl	21	18/24	\$2,650	4	P MHEV SS
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### Range Rover Sport

A-S8, 5.0L, 8cyl	19	17/22	\$2,900	4	P S SS
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### Range Rover Sport P360 MHEV

A-S8, 3.0L, 6cyl	21	19/24	\$2,650	4	P T S MHEV SS
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			

**Range Rover Sport P400 MHEV**

A-S8, 3.0L, 6cyl	21	19/24	\$2,650	4	P T S MHEV SS
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**Range Rover Sport SVR**

A-S8, 5.0L, 8cyl	16	15/20	\$3,450	3	P S SS
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**NISSAN**

**Pathfinder 4WD Platinum**

A-S9, 3.5L, 6cyl	22	20/25	\$2,050	5	SS
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## DIESEL VEHICLES

Diesel-powered vehicles are typically more fuel efficient than comparable vehicles powered by gasoline. Diesel engines are inherently more energy-efficient, and diesel fuel contains roughly 10%–15% more energy per gallon than gasoline. In addition, new advances in diesel engine technology have improved performance, reduced engine noise and fuel odor, and decreased emissions of harmful air

pollutants. Ultra-low sulfur diesel fuels also help reduce emissions from these vehicles.

Annual fuel costs below are estimated assuming 15,000 miles of travel each year (55% city and 45% highway) and a diesel fuel cost of \$3.25 per gallon.

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
<b>SMALL PICKUP TRUCKS 2WD</b>					

### CHEVROLET

#### Colorado 2WD

A-6, 2.8L, 4cyl	23	20/30	\$2,100	4	D T
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### GMC

#### Canyon 2WD

A-6, 2.8L, 4cyl	23	20/30	\$2,100	4	D T
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Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Notes
	Comb	City/Hwy			
<b>SMALL PICKUP TRUCKS 4WD</b>					

### CHEVROLET

#### Colorado 4WD

A-6, 2.8L, 4cyl	22	19/28	\$2,200	4	D T
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#### Colorado ZR2 4WD

A-6, 2.8L, 4cyl	19	18/22	\$2,550	3	D T
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### GMC

#### Canyon 4WD

A-6, 2.8L, 4cyl	22	19/28	\$2,200	4	D T
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## ALL-ELECTRIC VEHICLES

All-electric vehicles (EVs) are propelled by one or more electric motors powered by a rechargeable battery. EVs are energy efficient and emit no tailpipe pollutants, although the power plant producing the electricity may emit pollution.

Electric motors have several performance benefits. They are quiet, have instant torque for quick acceleration, enable regenerative braking, and require less maintenance than internal combustion engines.

Current EVs typically have a shorter driving range than comparable gasoline or hybrid vehicles, and their range is more sensitive to driving style, driving conditions, and accessory use. Fully recharging the battery can take several hours—though a “fast charge” to 80% capacity may take as little as 30 minutes. Charging options outside

the home are expanding. More than 800 employers offer charging at work, and nearly 22,000 public charging stations are available. EVs are typically more expensive than comparable conventional vehicles and hybrids due to the cost of the large battery. However, as manufacturers continue to improve the driving range and reduce the cost of these vehicles, they are becoming more practical and affordable for a wider range of consumers.

A federal income tax credit of up to \$7,500 is currently available to consumers purchasing a qualifying EV. (Note that the federal tax credit begins to phase out after the manufacturer has sold more than 200,000 qualifying vehicles.) State and/or local incentives may also apply. For additional information on EVs, including tax incentives and phase-out dates, visit [fuelconomy.gov](http://fuelconomy.gov).

Model	Motor	Battery Type	Fuel Economy (comb/city/hwy)		Driving Range* (miles)	Charge Time (hrs @ 240)	Annual Fuel Cost	GHG Rating
			MPGe	kWh/100 mi				
<b>SUBCOMPACT CARS</b>								
<b>MINI</b>								
Cooper SE Hardtop 2 door	135 kW DCPM	Li-Ion	110/119/100	31/28/34	114	4	\$600	10
<b>SMALL STATION WAGONS</b>								
<b>CHEVROLET</b>								
Bolt EUV	150 kW ACPM**	Li-Ion	115/125/104	29/27/32	247	7.5	\$550	10
Bolt EV	150 kW ACPM**	Li-Ion	120/131/109	28/26/31	259	7.5	\$550	10



## ETHANOL FLEXIBLE FUEL VEHICLES

Ethanol flexible fuel vehicles (FFVs) are designed by the original manufacturer to operate on gasoline, E85, or any mixture of the two fuels. Annual fuel cost is estimated assuming 15,000 miles of travel each year (55% city and 45% highway) and an average fuel cost of \$2.04 per gallon for E85, \$3.02 per gallon for regular unleaded gasoline, and \$3.69 per gallon for premium unleaded gasoline. The price of ethanol is highly variable from region to region; it is typically lower in the Midwestern United States and higher in other areas. Also, the ethanol content of E85 can range from 51% to 83% and typically varies seasonally. Therefore, actual consumer experience may differ

significantly from the annual fuel cost estimates presented here, which are based on fuel economy tests using E85.

Fuel economy and driving range values are shown for both gasoline and E85. When operating your FFV on mixtures of gasoline and E85, such as when alternating between using these fuels, your driving range and fuel economy values will likely be somewhere between those listed for the two fuels, depending on the actual percentages of gasoline and E85 in the tank.

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Fuel	Driving Range (miles)
	Comb	City/Hwy				
<b>SPECIAL PURPOSE VEHICLES 2WD</b>						
<b>FORD</b>						
<b>Transit Connect Van FFV</b>						
A-S8, 2.0L, 4cyl	25	24/27	\$1,800	5	Gas	395
	19	18/20	\$1,600	5	E85	300

Manufacturer Model Configuration (trans, eng size, cyl)	MPG		Annual Fuel Cost	GHG Rating	Fuel	Driving Range (miles)
	Comb	City/Hwy				
<b>Transit Connect Wagon LWB FFV</b>						
A-S8, 2.0L, 4cyl	26	24/28	\$1,750	5	Gas	411
	18	16/21	\$1,700	5	E85	284

## PLUG-IN HYBRID VEHICLES

Plug-in hybrid electric vehicles (PHEVs) are hybrids that can be charged by plugging them into an electrical outlet or charging station. Plug-in hybrids can store enough electricity from the power grid to significantly reduce their gasoline consumption under typical driving conditions.

There are two basic plug-in hybrid configurations:

- **Series PHEVs, also called Extended Range Electric Vehicles (EREVs).** The electric motor on these vehicles is the only power source that turns the wheels; the gasoline engine only generates electricity. Series PHEVs can run solely on electricity until the battery needs to be recharged. The gasoline engine will then generate the electricity needed to power the electric motor. For short trips, these vehicles may not use any gasoline.
- **Parallel or Blended PHEVs.** Both the engine and electric motor are mechanically connected to the wheels, and both may propel the vehicle. The vehicle may operate using both electricity and gasoline at the same time, using electricity only, or using gasoline only.

Plug-in hybrids also have different battery capacities, allowing some to travel farther on electricity than others. PHEV fuel economy, like that of EVs and regular hybrids, can be sensitive to driving style, driving conditions, and accessory use. When operating in pure electric mode, PHEVs emit no tailpipe pollutants, although the power plant producing the electricity may emit pollution.

Charging a PHEV's battery typically takes several hours. They can be charged at home or at an increasing number of workplaces or public locations. However, PHEVs don't have to be plugged in to be driven. They can be fueled solely with gasoline, like a conventional hybrid, but they will not achieve maximum range or fuel economy without charging.

Plug-in hybrids use less gasoline and cost less to fuel than conventional hybrids, but they are more expensive to purchase.

A federal income tax credit of up to \$7,500 is currently available to consumers purchasing a qualifying plug-in hybrid. (Note that the federal tax credit begins to phase out after the manufacturer has sold more than 200,000 qualifying vehicles.) State and/or local incentives may also apply. For additional information on PHEVs, including tax incentives and phase-out dates, visit [fuelconomy.gov](http://fuelconomy.gov).

Manufacturer Model Trans, Eng Size, Cyl Elec. Motor	Fuel	Fuel Economy Combined MPGe	Range (miles)	Total Range* (miles)	Charge Time (hrs @ 240 V)	Annual Fuel Cost	GHG Rating
		Comb / City / Hwy MPG					
<b>MIDSIZE CARS</b>							
<b>MINI</b>							
<b>Cooper SE Countryman All4</b>							
A-S6, 1.5L, 3cyl, 65 kW AC Induction <sup>â€</sup>	Electricity + Gasoline	73 MPGe ([46kWh +0 gal]/100 mi)	18	300	2	\$1,450	9
	Premium Gasoline	29 / 29 / 30	280				

### NOTES AND ABBREVIATIONS:

- \*.....Total range includes operation on both electricity and gasoline and is rounded to the nearest 10 miles.
- †.....This vehicle did not use any gasoline for charge-depleting (electric) operation during EPA city and highway tests. However, depending on how you drive the vehicle, you may use both gasoline and electricity during charge-depleting operation following a full charge.
- ‡.....Available for sale in late 2020
- §.....Available for sale early 2021

- AC..... Alternating current induction motor
- IPMSM.....Interior permanent magnet synchronous motor
- Li-Ion..... Lithium Ion
- MPGe..... Miles per gallon gasoline equivalent
- MPK.....Miles per kilogram
- Ni-MH..... Nickel-metal hydride
- PEM.....Proton exchange membrane
- PMSM.....Permanent magnet synchronous motor