

2018 MODEL YEAR VEHICLES (PRELIMINARY)

This section contains the preliminary fuel economy values for 2018 model year vehicles. The fuel economy data and fuel costs are updated weekly. Alternative fuel vehicles are highlighted with a columbia blue bar, and those that can use two kinds of fuel, such as flexible fuel vehicles, have an entry for each fuel type. Additional information about alternative fuel vehicles follows the main section of the guide.

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

TWO SEATER CARS

CHEVROLET

Corvette

| | | | | | |
|------------------|----|-------|---------|---|---------|
| A-S8, 6.2L, 8cyl | 18 | 15/25 | \$2,400 | 3 | P |
| A-S8, 6.2L, 8cyl | 16 | 13/23 | \$2,700 | 2 | P S Tax |
| M-7, 6.2L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P |
| M-7, 6.2L, 8cyl | 18 | 15/22 | \$2,400 | 3 | P S |

FERRARI

488 GTB

| | | | | | |
|------------------|----|-------|---------|---|--------|
| AM-7, 3.9L, 8cyl | 18 | 16/22 | \$2,400 | 3 | P T SS |
| AM-7, 3.9L, 8cyl | 18 | 15/22 | \$2,400 | 3 | P T |

488 Spider

| | | | | | |
|------------------|----|-------|---------|---|--------|
| AM-7, 3.9L, 8cyl | 18 | 16/22 | \$2,400 | 3 | P T SS |
| AM-7, 3.9L, 8cyl | 18 | 15/22 | \$2,400 | 3 | P T |

812 Superfast

| | | | | | |
|-------------------|----|-------|---------|---|----------|
| AM-7, 6.5L, 12cyl | 13 | 12/16 | \$3,300 | 1 | P Tax SS |
|-------------------|----|-------|---------|---|----------|

JAGUAR

F-Type Convertible

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 23 | 20/28 | \$1,850 | 5 | P S SS |
| M-6, 3.0L, 6cyl | 19 | 16/24 | \$2,250 | 3 | P S SS |

F-Type Coupe

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 23 | 20/28 | \$1,850 | 5 | P S SS |
| M-6, 3.0L, 6cyl | 19 | 16/24 | \$2,250 | 3 | P S SS |

F-Type R AWD Coupe

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 5.0L, 8cyl | 18 | 15/23 | \$2,400 | 3 | P S SS |
|------------------|----|-------|---------|---|--------|

F-Type S AWD Convertible

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 21 | 18/26 | \$2,050 | 4 | P S SS |
|------------------|----|-------|---------|---|--------|

F-Type S AWD Coupe

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 21 | 18/26 | \$2,050 | 4 | P S SS |
|------------------|----|-------|---------|---|--------|

F-Type S Convertible

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 22 | 19/27 | \$1,950 | 4 | P S SS |
| M-6, 3.0L, 6cyl | 18 | 15/24 | \$2,400 | 3 | P S SS |

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

F-Type S Coupe

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 22 | 19/27 | \$1,950 | 4 | P S SS |
| M-6, 3.0L, 6cyl | 18 | 15/24 | \$2,400 | 3 | P S SS |

NISSAN

370Z

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S7, 3.7L, 6cyl | 22 | 19/26 | \$1,950 | 4 | P |
| M-6, 3.7L, 6cyl | 21 | 18/26 | \$2,050 | 4 | P |

370Z Roadster

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S7, 3.7L, 6cyl | 21 | 18/25 | \$2,050 | 4 | P |
| M-6, 3.7L, 6cyl | 20 | 17/24 | \$2,150 | 4 | P |

MINICOMPACT CARS

FERRARI

California T

| | | | | | |
|------------------|----|-------|---------|---|--------|
| AM-7, 3.9L, 8cyl | 18 | 16/23 | \$2,400 | 3 | P T |
| AM-7, 3.9L, 8cyl | 19 | 16/23 | \$2,250 | 3 | P T SS |

GTC4Lusso

| | | | | | |
|-------------------|----|-------|---------|---|-------------------|
| AM-7, 6.3L, 12cyl | 13 | 12/17 | \$3,300 | 1 | P Tax PT4WD SS |
|-------------------|----|-------|---------|---|-------------------|

GTC4Lusso T

| | | | | | |
|------------------|----|-------|---------|---|------------|
| AM-7, 3.9L, 8cyl | 17 | 15/21 | \$2,550 | 3 | P T Tax SS |
|------------------|----|-------|---------|---|------------|

SUBCOMPACT CARS

AUDI

A3

| | | | | | |
|-------------------|----|-------|---------|---|---|
| AM-S7, 2.0L, 4cyl | 29 | 26/35 | \$1,250 | 6 | T |
|-------------------|----|-------|---------|---|---|

A3 Cabriolet

| | | | | | |
|-------------------|----|-------|---------|---|---|
| AM-S7, 2.0L, 4cyl | 28 | 25/33 | \$1,250 | 6 | T |
|-------------------|----|-------|---------|---|---|

A5 Cabriolet quattro

| | | | | | |
|-------------------|----|-------|---------|---|--------|
| AM-S7, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
|-------------------|----|-------|---------|---|--------|

A5 quattro

| | | | | | |
|-------------------|----|-------|---------|---|--------|
| AM-S7, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
| M-6, 2.0L, 4cyl | 27 | 24/33 | \$1,600 | 6 | P T |

RS3

| | | | | | |
|-------------------|----|-------|---------|---|-----|
| AM-S7, 2.5L, 5cyl | 22 | 19/28 | \$1,950 | 4 | P T |
|-------------------|----|-------|---------|---|-----|

ABBREVIATIONS:

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
 Cyl.....Cylinders
 Comb..... Combined
 D..... Ultra-Low Sulfur Diesel

E85..... 85% Ethanol/15% Gasoline
 Eng Size.. Engine Volume in Liters
 EV.....Electric Vehicle
 FFV.....Flexible Fuel Vehicle
 FWD..... Front-Wheel Drive
 Gas.....Regular Gasoline
 GHG..... Greenhouse Gas
 HEV..... Hybrid-Electric Vehicle
 Hwy..... MPG on Highway Test Procedure
 i-ELOOP.. Mazda Optional Technology Package
 Li-Ion..... Lithium Ion
 LWB.....Long Wheel Base
 M..... Manual Transmission
 Mid.....Midgrade Gasoline
 Mode..... Multimode Transmission

MPG..... Miles per Gallon
 NA..... Not Available
 Ni-MH..... Nickel-Metal Hydride
 ORP.....Off-Road Package
 P..... Premium Gasoline Recommended
 PHEV.....Plug-in Hybrid Electric Vehicle
 PR..... Premium Gasoline Required
 PT4WD... Part-time 4WD
 PZEV..... Partial Zero-Emission Vehicles
 S..... Supercharger
 SIDI..... Spark Ignition Direct Injection
 SS..... Stop-Start Technology
 SWB..... Short Wheelbase
 T..... Turbocharger
 Tax..... Subject to Gas Guzzler Tax
 Trans..... Transmission

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Notes |
|--|------|----------|------------------------|---------------|------------|
| | Comb | City/Hwy | | | |
| S5 | | | | | |
| AM-S8, 3.0L, 6cyl | 24 | 21/30 | \$1,800 | 5 | P T SS |
| S5 Cabriolet | | | | | |
| AM-S8, 3.0L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P T |
| TT RS | | | | | |
| AM-S7, 2.5L, 5cyl | 22 | 19/29 | \$1,950 | 4 | P T |
| BMW | | | | | |
| 430i Convertible | | | | | |
| A-S8, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
| 430i xDrive Convertible | | | | | |
| A-S8, 2.0L, 4cyl | 26 | 22/32 | \$1,650 | 5 | P T SS |
| 440i Convertible | | | | | |
| A-S8, 3.0L, 6cyl | 24 | 21/29 | \$1,800 | 5 | P T SS |
| 440i xDrive Convertible | | | | | |
| A-S8, 3.0L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P T SS |
| 640i Convertible | | | | | |
| A-S8, 3.0L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P T SS |
| 640i xDrive Convertible | | | | | |
| A-S8, 3.0L, 6cyl | 22 | 19/28 | \$1,950 | 4 | P T SS |
| 650i Convertible | | | | | |
| A-S8, 4.4L, 8cyl | 20 | 17/25 | \$2,150 | 4 | P T SS |
| 650i xDrive Convertible | | | | | |
| A-S8, 4.4L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P T SS |
| M4 Convertible | | | | | |
| AM-S7, 3.0L, 6cyl | 19 | 16/22 | \$2,250 | 3 | P T SS |
| M-6, 3.0L, 6cyl | 20 | 17/25 | \$2,150 | 4 | P T SS |
| M6 Convertible | | | | | |
| AM-S7, 4.4L, 8cyl | 16 | 14/20 | \$2,700 | 2 | P T Tax SS |
| M-6, 4.4L, 8cyl | 17 | 15/22 | \$2,550 | 3 | P T Tax SS |
| CHEVROLET | | | | | |
| Camaro | | | | | |
| A-S8, 2.0L, 4cyl | 25 | 22/31 | \$1,700 | 5 | P T SS |
| M-6, 2.0L, 4cyl | 23 | 20/30 | \$1,850 | 5 | P T SS |
| A-S8, 3.6L, 6cyl | 23 | 19/29 | \$1,550 | 5 | SS |
| A-S10, 6.2L, 8cyl | 15 | 13/21 | \$2,850 | 2 | P S Tax |
| A-S8, 6.2L, 8cyl | 20 | 17/27 | \$2,150 | 4 | P |
| M-6, 6.2L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P |
| M-6, 6.2L, 8cyl | 16 | 14/20 | \$2,700 | 2 | P S Tax |
| LEXUS | | | | | |
| LC 500 | | | | | |
| A-S10, 5.0L, 8cyl | 19 | 16/26 | \$2,250 | 3 | P |
| LC 500h | | | | | |
| AV-S10, 3.5L, 6cyl | 30 | 26/35 | \$1,450 | 7 | P HEV SS |
| MASERATI | | | | | |
| GranTurismo | | | | | |
| A-6, 4.7L, 8cyl | 16 | 13/21 | \$2,700 | 2 | P Tax |
| GranTurismo Convertible | | | | | |
| A-6, 4.7L, 8cyl | 15 | 13/20 | \$2,850 | 2 | P Tax |
| COMPACT CARS | | | | | |
| ACURA | | | | | |
| TLX AWD | | | | | |
| A-S9, 3.5L, 6cyl | 24 | 21/30 | \$1,800 | 5 | P SS |
| TLX AWD A-SPEC | | | | | |
| A-S9, 3.5L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P SS |
| TLX FWD | | | | | |
| AM-S8, 2.4L, 4cyl | 27 | 23/33 | \$1,600 | 6 | P |
| A-S9, 3.5L, 6cyl | 24 | 20/32 | \$1,800 | 5 | P |

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Notes |
|--|------------|----------|------------------------|---------------|------------|
| | Comb | City/Hwy | | | |
| TLX FWD A-SPEC | | | | | |
| A-S9, 3.5L, 6cyl | 23 | 20/30 | \$1,850 | 5 | P |
| AUDI | | | | | |
| A4 quattro | | | | | |
| AM-S7, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
| M-6, 2.0L, 4cyl | 27 | 24/33 | \$1,600 | 6 | P T |
| Q3 | | | | | |
| A-S6, 2.0L, 4cyl | 23 | 20/28 | \$1,850 | 5 | P T |
| Q3 quattro | | | | | |
| A-S6, 2.0L, 4cyl | 23 | 20/28 | \$1,850 | 5 | P T |
| S4 | | | | | |
| AM-S8, 3.0L, 6cyl | 24 | 21/30 | \$1,800 | 5 | P T SS |
| BMW | | | | | |
| 430i Coupe | | | | | |
| A-S8, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
| M-6, 2.0L, 4cyl | 25 | 21/33 | \$1,700 | 5 | P T SS |
| 430i Gran Coupe | | | | | |
| A-S8, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
| 430i xDrive Coupe | | | | | |
| A-S8, 2.0L, 4cyl | 27 | 23/33 | \$1,600 | 6 | P T SS |
| 430i xDrive Gran Coupe | | | | | |
| A-S8, 2.0L, 4cyl | 27 | 23/33 | \$1,600 | 6 | P T SS |
| 440i Coupe | | | | | |
| A-S8, 3.0L, 6cyl | 25 | 21/32 | \$1,700 | 5 | P T SS |
| 440i Gran Coupe | | | | | |
| A-S8, 3.0L, 6cyl | 25 | 21/32 | \$1,700 | 5 | P T SS |
| 440i xDrive Coupe | | | | | |
| A-S8, 3.0L, 6cyl | 25 | 21/31 | \$1,700 | 5 | P T SS |
| M-6, 3.0L, 6cyl | 23 | 19/29 | \$1,850 | 5 | P T SS |
| 440i xDrive Gran Coupe | | | | | |
| A-S8, 3.0L, 6cyl | 25 | 21/31 | \$1,700 | 5 | P T SS |
| 530e | | | | | |
| A-S8, 2.0L, 4cyl | See page 5 | | | | T PHEV SS |
| 530e xDrive | | | | | |
| A-S8, 2.0L, 4cyl | See page 5 | | | | T PHEV SS |
| 640i Gran Coupe | | | | | |
| A-S8, 3.0L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P T SS |
| 640i xDrive Gran Coupe | | | | | |
| A-S8, 3.0L, 6cyl | 22 | 19/28 | \$1,950 | 4 | P T SS |
| 650i Gran Coupe | | | | | |
| A-S8, 4.4L, 8cyl | 20 | 17/25 | \$2,150 | 4 | P T SS |
| 650i xDrive Gran Coupe | | | | | |
| A-S8, 4.4L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P T SS |
| Alpina B6 xDrive Gran Coupe | | | | | |
| A-S8, 4.4L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P T SS |
| M4 Coupe | | | | | |
| AM-S7, 3.0L, 6cyl | 20 | 17/24 | \$2,150 | 4 | P T SS |
| M-6, 3.0L, 6cyl | 20 | 17/25 | \$2,150 | 4 | P T SS |
| M6 Gran Coupe | | | | | |
| AM-S7, 4.4L, 8cyl | 16 | 14/20 | \$2,700 | 2 | P T Tax SS |
| M-6, 4.4L, 8cyl | 17 | 15/22 | \$2,550 | 3 | P T Tax SS |
| INFINITI | | | | | |
| QX30 | | | | | |
| AM-7, 2.0L, 4cyl | 27 | 24/33 | \$1,600 | 6 | P T SS |
| QX30 AWD | | | | | |
| AM-7, 2.0L, 4cyl | 25 | 21/30 | \$1,700 | 5 | P T SS |

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Notes |
|--|------|----------|------------------------|---------------|----------|
| | Comb | City/Hwy | | | |
| JAGUAR | | | | | |
| XE | | | | | |
| A-S8, 2.0L, 4cyl | 28 | 25/34 | \$1,550 | 6 | P T SS |
| A-S8, 3.0L, 6cyl | 24 | 21/30 | \$1,800 | 5 | P S SS |
| XE AWD | | | | | |
| A-S8, 3.0L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P S SS |
| MERCEDES-BENZ | | | | | |
| AMG CLA45 4matic | | | | | |
| AM-7, 2.0L, 4cyl | 26 | 23/30 | \$1,650 | 5 | P T SS |
| CLA250 | | | | | |
| AM-7, 2.0L, 4cyl | 29 | 24/37 | \$1,500 | 6 | P T SS |
| CLA250 4matic | | | | | |
| AM-7, 2.0L, 4cyl | 27 | 24/32 | \$1,600 | 6 | Gas |
| | 20 | 17/24 | \$1,600 | 6 | E85 |
| | | | | | P T |
| AM-7, 2.0L, 4cyl | 27 | 24/32 | \$1,600 | 6 | PT4WD SS |

SUBARU

WRX

| | | | | | |
|-------------------|----|-------|---------|---|-----|
| AV-S8, 2.0L, 4cyl | 21 | 18/24 | \$2,050 | 4 | P T |
| M-6, 2.0L, 4cyl | 23 | 21/27 | \$1,850 | 5 | P T |
| M-6, 2.5L, 4cyl | 19 | 17/22 | \$2,250 | 3 | P T |

TOYOTA

C-HR

| | | | | | |
|-------------------|----|-------|---------|---|--|
| AV-S7, 2.0L, 4cyl | 29 | 27/31 | \$1,250 | 6 | |
|-------------------|----|-------|---------|---|--|

Yaris

| | | | | | |
|-----------------|----|-------|---------|---|--|
| A-4, 1.5L, 4cyl | 32 | 30/35 | \$1,100 | 7 | |
| M-5, 1.5L, 4cyl | 33 | 30/36 | \$1,100 | 8 | |

VOLVO

S60 AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 26 | 22/33 | \$1,350 | 5 | T SS |
| A-S8, 2.0L, 4cyl | 26 | 22/32 | \$1,650 | 5 | P T S SS |

S60 CC AWD

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 25 | 22/30 | \$1,400 | 5 | T SS |
|------------------|----|-------|---------|---|------|

S60 FWD

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 29 | 25/36 | \$1,250 | 6 | T SS |
|------------------|----|-------|---------|---|------|

S60 Inscription AWD

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 26 | 22/33 | \$1,350 | 5 | T SS |
|------------------|----|-------|---------|---|------|

S60 Inscription FWD

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 29 | 25/36 | \$1,250 | 6 | T SS |
|------------------|----|-------|---------|---|------|

S60 Polestar AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 22 | 20/27 | \$1,950 | 4 | P T S SS |
|------------------|----|-------|---------|---|----------|

MIDSIZE CARS

AUDI

A5 Sportback quattro

| | | | | | |
|-------------------|----|-------|---------|---|--------|
| AM-S7, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
|-------------------|----|-------|---------|---|--------|

A6

| | | | | | |
|-------------------|----|-------|---------|---|--------|
| AM-S7, 2.0L, 4cyl | 28 | 25/34 | \$1,550 | 6 | P T SS |
|-------------------|----|-------|---------|---|--------|

A6 quattro

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 2.0L, 4cyl | 26 | 22/31 | \$1,650 | 5 | P T SS |
|------------------|----|-------|---------|---|--------|

S5 Sportback

| | | | | | |
|-------------------|----|-------|---------|---|--------|
| AM-S8, 3.0L, 6cyl | 24 | 21/30 | \$1,800 | 5 | P T SS |
|-------------------|----|-------|---------|---|--------|

BMW

M550i xDrive

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 4.4L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P T SS |
|------------------|----|-------|---------|---|--------|

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Notes |
|--|------|----------|------------------------|---------------|--------|
| | Comb | City/Hwy | | | |
| CADILLAC | | | | | |
| CTS | | | | | |
| A-S8, 2.0L, 4cyl | 25 | 22/30 | \$1,700 | 5 | P T SS |
| HYUNDAI | | | | | |
| Elantra | | | | | |
| A-S6, 2.0L, 4cyl | 32 | 28/37 | \$1,100 | 7 | |
| M-6, 2.0L, 4cyl | 29 | 26/36 | \$1,250 | 6 | |
| Elantra SE | | | | | |
| A-S6, 2.0L, 4cyl | 33 | 29/38 | \$1,100 | 8 | |
| JAGUAR | | | | | |
| XF | | | | | |
| A-S8, 3.0L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P S SS |
| XF AWD | | | | | |
| A-S8, 3.0L, 6cyl | 23 | 20/28 | \$1,850 | 5 | P S SS |
| MASERATI | | | | | |
| Ghibli S RWD | | | | | |
| A-8, 3.0L, 6cyl | 19 | 16/24 | \$2,250 | 3 | P T |
| Ghibli V6 RWD | | | | | |
| A-8, 3.0L, 6cyl | 19 | 17/24 | \$2,250 | 3 | P T |
| Ghibli V6 SQ4 AWD | | | | | |
| A-8, 3.0L, 6cyl | 19 | 16/24 | \$2,250 | 3 | P T |
| MINI | | | | | |
| JCW Countryman All4 | | | | | |
| A-S8, 2.0L, 4cyl | 25 | 22/30 | \$1,700 | 5 | P T SS |
| M-6, 2.0L, 4cyl | 24 | 20/29 | \$1,800 | 5 | P T SS |
| TOYOTA | | | | | |
| Avalon | | | | | |
| A-S6, 3.5L, 6cyl | 24 | 21/30 | \$1,500 | 5 | |
| Avalon Hybrid | | | | | |
| AV-S6, 2.5L, 4cyl | 40 | 40/39 | \$900 | 9 | HEV SS |

TOYOTA

Avalon

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.5L, 6cyl | 24 | 21/30 | \$1,500 | 5 | |
|------------------|----|-------|---------|---|--|

Avalon Hybrid

| | | | | | |
|-------------------|----|-------|-------|---|--------|
| AV-S6, 2.5L, 4cyl | 40 | 40/39 | \$900 | 9 | HEV SS |
|-------------------|----|-------|-------|---|--------|

VOLVO

S90 AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 26 | 23/32 | \$1,650 | 5 | P T SS |
| A-S8, 2.0L, 4cyl | 25 | 22/31 | \$1,700 | 5 | P T S SS |

S90 FWD

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
|------------------|----|-------|---------|---|--------|

LARGE CARS

BMW

740e xDrive

| | | | | | |
|------------------|------------|--|--|--|-----------|
| A-S8, 2.0L, 4cyl | See page 5 | | | | T PHEV SS |
|------------------|------------|--|--|--|-----------|

740i

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 24 | 21/29 | \$1,800 | 5 | P T SS |
|------------------|----|-------|---------|---|--------|

740i xDrive

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 23 | 20/29 | \$1,850 | 5 | P T SS |
|------------------|----|-------|---------|---|--------|

750i

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 4.4L, 8cyl | 20 | 17/25 | \$2,150 | 4 | P T SS |
|------------------|----|-------|---------|---|--------|

750i xDrive

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 4.4L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P T SS |
|------------------|----|-------|---------|---|--------|

Alpina B7 xDrive

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 4.4L, 8cyl | 19 | 16/25 | \$2,250 | 3 | P T SS |
|------------------|----|-------|---------|---|--------|

M760i xDrive

| | | | | | |
|-------------------|----|-------|---------|---|------------|
| A-S8, 6.6L, 12cyl | 16 | 13/20 | \$2,700 | 2 | P T Tax SS |
|-------------------|----|-------|---------|---|------------|

CADILLAC

CT6 AWD

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 21 | 18/26 | \$2,050 | 4 | P T SS |
|------------------|----|-------|---------|---|--------|

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

CHEVROLET

Impala

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S6, 2.5L, 4cyl | 25 | 22/30 | \$1,400 | 5 | SS |
| A-S6, 3.6L, 6cyl | 22 | 19/28 | \$1,600 | 4 | |
| A-S6, 3.6L, 6cyl | 22 | 18/28 | \$1,600 | 4 | Gas |
| | 16 | 14/20 | \$2,000 | 5 | E85 |

GENESIS

G80 AWD

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S8, 3.3L, 6cyl | 20 | 17/24 | \$2,150 | 4 | P T |
| A-S8, 3.8L, 6cyl | 20 | 18/25 | \$1,800 | 4 | |
| A-S8, 5.0L, 8cyl | 18 | 15/23 | \$2,400 | 3 | P |

G80 RWD

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S8, 3.3L, 6cyl | 20 | 17/25 | \$2,150 | 4 | P T |
| A-S8, 3.8L, 6cyl | 22 | 19/27 | \$1,600 | 4 | |
| A-S8, 5.0L, 8cyl | 19 | 16/24 | \$2,250 | 3 | P |

G90 AWD

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S8, 3.3L, 6cyl | 20 | 17/24 | \$2,150 | 4 | P T |
| A-S8, 5.0L, 8cyl | 18 | 15/23 | \$2,400 | 3 | P |

G90 RWD

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S8, 3.3L, 6cyl | 20 | 17/24 | \$2,150 | 4 | P T |
| A-S8, 5.0L, 8cyl | 19 | 16/24 | \$2,250 | 3 | P |

HYUNDAI

Elantra GT

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.0L, 4cyl | 27 | 24/32 | \$1,300 | 6 | |
| M-6, 2.0L, 4cyl | 26 | 23/31 | \$1,350 | 5 | |

Sonata

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S8, 2.0L, 4cyl | 26 | 23/32 | \$1,350 | 5 | T |
| A-S6, 2.4L, 4cyl | 28 | 25/35 | \$1,250 | 6 | |

Sonata SE

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.4L, 4cyl | 29 | 25/36 | \$1,250 | 6 | |
|------------------|----|-------|---------|---|--|

KIA

Optima

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 25 | 22/31 | \$1,400 | 5 | T |
| A-S6, 2.4L, 4cyl | 28 | 24/34 | \$1,250 | 6 | |

Optima FE

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.4L, 4cyl | 29 | 25/36 | \$1,250 | 6 | |
|------------------|----|-------|---------|---|--|

MASERATI

Quattroporte S

| | | | | | |
|-----------------|----|-------|---------|---|-----|
| A-8, 3.0L, 6cyl | 18 | 16/23 | \$2,400 | 3 | P T |
|-----------------|----|-------|---------|---|-----|

Quattroporte SQ4 V6

| | | | | | |
|-----------------|----|-------|---------|---|-----|
| A-8, 3.0L, 6cyl | 18 | 16/23 | \$2,400 | 3 | P T |
|-----------------|----|-------|---------|---|-----|

Quattroporte V8

| | | | | | |
|-----------------|----|-------|---------|---|---------|
| A-8, 3.8L, 8cyl | 17 | 15/22 | \$2,550 | 3 | P T Tax |
|-----------------|----|-------|---------|---|---------|

SMALL STATION WAGONS

AUDI

allroad quattro

| | | | | | |
|-------------------|----|-------|---------|---|--------|
| AM-S7, 2.0L, 4cyl | 25 | 22/30 | \$1,700 | 5 | P T SS |
|-------------------|----|-------|---------|---|--------|

KIA

Soul

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.0L, 4cyl | 27 | 25/30 | \$1,300 | 6 | |
|------------------|----|-------|---------|---|--|

VOLVO

V60 AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 26 | 22/33 | \$1,350 | 5 | T SS |
| A-S8, 2.0L, 4cyl | 26 | 22/32 | \$1,650 | 5 | P T S SS |

V60 CC AWD

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 25 | 22/30 | \$1,400 | 5 | T SS |
|------------------|----|-------|---------|---|------|

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

V60 FWD

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 29 | 25/36 | \$1,250 | 6 | T SS |
|------------------|----|-------|---------|---|------|

V60 Polestar AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 22 | 20/27 | \$1,950 | 4 | P T S SS |
|------------------|----|-------|---------|---|----------|

MIDSIZE STATION WAGONS

MERCEDES-BENZ

AMG GLA45 4matic

| | | | | | |
|------------------|----|-------|---------|---|--------|
| AM-7, 2.0L, 4cyl | 25 | 22/28 | \$1,700 | 5 | P T SS |
|------------------|----|-------|---------|---|--------|

GLA250

| | | | | | |
|------------------|----|-------|---------|---|--------|
| AM-7, 2.0L, 4cyl | 27 | 24/33 | \$1,600 | 6 | P T SS |
|------------------|----|-------|---------|---|--------|

VOLVO

V90 AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 25 | 22/31 | \$1,700 | 5 | P T S SS |
|------------------|----|-------|---------|---|----------|

V90 CC AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 26 | 23/31 | \$1,650 | 5 | P T SS |
| A-S8, 2.0L, 4cyl | 25 | 22/29 | \$1,700 | 5 | P T S SS |

V90 FWD

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 2.0L, 4cyl | 27 | 24/34 | \$1,600 | 6 | P T SS |
|------------------|----|-------|---------|---|--------|

SPECIAL PURPOSE VEHICLES 2WD

FORD

Transit Connect Van 2WD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.5L, 4cyl | 23 | 20/27 | \$1,550 | 5 | |
|------------------|----|-------|---------|---|--|

Transit Connect Van FFV

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S6, 2.5L, 4cyl | 23 | 20/27 | \$1,550 | 5 | Gas |
| | 17 | 15/20 | \$1,850 | 5 | E85 |

Transit Connect Wagon FFV

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S6, 2.5L, 4cyl | 22 | 19/27 | \$1,600 | 4 | Gas |
| | 16 | 14/19 | \$2,000 | 5 | E85 |

Transit Connect Wagon FWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.5L, 4cyl | 22 | 19/27 | \$1,600 | 4 | |
|------------------|----|-------|---------|---|--|

Transit Connect Wagon LWB FFV

| | | | | | |
|------------------|----|-------|---------|---|-----|
| A-S6, 2.5L, 4cyl | 22 | 19/27 | \$1,600 | 4 | Gas |
| | 16 | 14/19 | \$2,000 | 5 | E85 |

Transit Connect Wagon LWB FWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.5L, 4cyl | 22 | 19/27 | \$1,600 | 4 | |
|------------------|----|-------|---------|---|--|

MINIVANS 2WD

HONDA

Odyssey

| | | | | | |
|-------------------|----|-------|---------|---|----|
| A-S10, 3.5L, 6cyl | 22 | 19/28 | \$1,600 | 4 | SS |
| A-S9, 3.5L, 6cyl | 22 | 19/28 | \$1,600 | 4 | |

KIA

Sedona

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 20 | 18/24 | \$1,800 | 4 | |
|------------------|----|-------|---------|---|--|

Sedona SX

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 21 | 18/25 | \$1,700 | 4 | |
|------------------|----|-------|---------|---|--|

Sedona SXL

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 19 | 17/22 | \$1,850 | 3 | |
|------------------|----|-------|---------|---|--|

SMALL SPORT UTILITY VEHICLES 2WD

ACURA

RDx FWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 3.5L, 6cyl | 23 | 20/28 | \$1,850 | 5 | P |
|------------------|----|-------|---------|---|---|

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

CHEVROLET

Equinox FWD

| | | | | | |
|-----------------|----|-------|---------|---|--------|
| A-6, 1.5L, 4cyl | 28 | 26/32 | \$1,250 | 6 | T SS |
| A-9, 2.0L, 4cyl | 25 | 22/29 | \$1,700 | 5 | P T SS |

GMC

Terrain FWD

| | | | | | |
|-----------------|----|-------|---------|---|--------|
| A-9, 2.0L, 4cyl | 24 | 22/28 | \$1,800 | 5 | P T SS |
|-----------------|----|-------|---------|---|--------|

HYUNDAI

Santa Fe FWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 21 | 18/25 | \$1,700 | 4 | |
|------------------|----|-------|---------|---|--|

Santa Fe Sport FWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 23 | 20/28 | \$1,550 | 5 | T |
| A-S6, 2.4L, 4cyl | 24 | 21/27 | \$1,500 | 5 | |

Santa Fe Sport Ultimate FWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 23 | 20/27 | \$1,550 | 5 | T |
|------------------|----|-------|---------|---|---|

Santa Fe Ultimate FWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 20 | 17/23 | \$1,800 | 4 | |
|------------------|----|-------|---------|---|--|

KIA

Sorento FWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 23 | 20/27 | \$1,550 | 5 | T |
| A-S6, 2.4L, 4cyl | 24 | 21/28 | \$1,500 | 5 | |
| A-S6, 3.3L, 6cyl | 20 | 18/25 | \$1,800 | 4 | |

Sportage FE FWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.4L, 4cyl | 26 | 23/30 | \$1,350 | 5 | |
|------------------|----|-------|---------|---|--|

Sportage FWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 23 | 21/26 | \$1,550 | 5 | T |
| A-S6, 2.4L, 4cyl | 25 | 22/29 | \$1,400 | 5 | |

VOLKSWAGEN

Atlas

| | | | | | |
|------------------|----|-------|---------|---|----|
| A-S8, 3.6L, 6cyl | 20 | 18/25 | \$1,800 | 4 | SS |
|------------------|----|-------|---------|---|----|

Tiguan

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 24 | 22/27 | \$1,500 | 5 | T SS |
|------------------|----|-------|---------|---|------|

SMALL SPORT UTILITY VEHICLES 4WD

ACURA

RDX AWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 3.5L, 6cyl | 22 | 19/27 | \$1,950 | 4 | P |
|------------------|----|-------|---------|---|---|

ALFA ROMEO

Stelvio AWD

| | | | | | |
|-----------------|----|-------|---------|---|--------|
| A-8, 2.0L, 4cyl | 24 | 22/28 | \$1,800 | 5 | P T SS |
|-----------------|----|-------|---------|---|--------|

AUDI

Q5

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S7, 2.0L, 4cyl | 25 | 23/27 | \$1,700 | 5 | P T SS |
|------------------|----|-------|---------|---|--------|

SQ5

| | | | | | |
|-------------------|----|-------|---------|---|--------|
| AM-S8, 3.0L, 6cyl | 21 | 19/24 | \$2,050 | 4 | P T SS |
|-------------------|----|-------|---------|---|--------|

BMW

X4 M40i

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 3.0L, 6cyl | 21 | 18/25 | \$2,050 | 4 | P T SS |
|------------------|----|-------|---------|---|--------|

X4 xDrive28i

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 2.0L, 4cyl | 23 | 20/28 | \$1,850 | 5 | P T SS |
|------------------|----|-------|---------|---|--------|

CHEVROLET

Equinox AWD

| | | | | | |
|-----------------|----|-------|---------|---|--------|
| A-6, 1.5L, 4cyl | 26 | 24/30 | \$1,350 | 5 | T SS |
| A-9, 2.0L, 4cyl | 24 | 22/28 | \$1,800 | 5 | P T SS |

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

GMC

Terrain AWD

| | | | | | |
|-----------------|----|-------|---------|---|--------|
| A-9, 2.0L, 4cyl | 23 | 21/26 | \$1,850 | 5 | P T SS |
|-----------------|----|-------|---------|---|--------|

HYUNDAI

Santa Fe AWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 20 | 18/24 | \$1,800 | 4 | |
|------------------|----|-------|---------|---|--|

Santa Fe Sport AWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 22 | 19/26 | \$1,600 | 4 | T |
| A-S6, 2.4L, 4cyl | 22 | 20/26 | \$1,600 | 4 | |

Santa Fe Sport Ultimate AWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 21 | 19/24 | \$1,700 | 4 | T |
|------------------|----|-------|---------|---|---|

Santa Fe Ultimate AWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 19 | 17/22 | \$1,850 | 3 | |
|------------------|----|-------|---------|---|--|

JAGUAR

F-Pace

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 2.0L, 4cyl | 24 | 22/27 | \$1,800 | 5 | P T SS |
| A-S8, 3.0L, 6cyl | 20 | 18/23 | \$2,150 | 4 | P S SS |

KIA

Sorento AWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 22 | 19/25 | \$1,600 | 4 | T |
| A-S6, 2.4L, 4cyl | 22 | 21/25 | \$1,600 | 4 | |
| A-S6, 3.3L, 6cyl | 19 | 17/23 | \$1,850 | 3 | |

Sorento FE AWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 3.3L, 6cyl | 21 | 18/25 | \$1,700 | 4 | |
|------------------|----|-------|---------|---|--|

Sportage AWD

| | | | | | |
|------------------|----|-------|---------|---|---|
| A-S6, 2.0L, 4cyl | 21 | 20/23 | \$1,700 | 4 | T |
| A-S6, 2.4L, 4cyl | 23 | 21/25 | \$1,550 | 5 | |

Sportage FE AWD

| | | | | | |
|------------------|----|-------|---------|---|--|
| A-S6, 2.4L, 4cyl | 22 | 21/25 | \$1,600 | 4 | |
|------------------|----|-------|---------|---|--|

MERCEDES-BENZ

GLA250 4matic

| | | | | | |
|------------------|----|-------|---------|---|------------|
| AM-7, 2.0L, 4cyl | 26 | 23/31 | \$1,650 | 5 | Gas |
| | 19 | 17/23 | \$1,650 | 6 | E85 P T |
| AM-7, 2.0L, 4cyl | 26 | 23/31 | \$1,650 | 5 | PT4WD SS |

SUBARU

Crosstrek AWD

| | | | | | |
|-------------------|----|-------|---------|---|--|
| AV-S7, 2.0L, 4cyl | 29 | 27/33 | \$1,250 | 6 | |
| M-6, 2.0L, 4cyl | 25 | 23/29 | \$1,400 | 5 | |

Forester AWD

| | | | | | |
|-------------------|----|-------|---------|---|-----|
| AV-S8, 2.0L, 4cyl | 25 | 23/27 | \$1,700 | 5 | P T |
| AV-S6, 2.5L, 4cyl | 28 | 26/32 | \$1,250 | 6 | |
| M-6, 2.5L, 4cyl | 24 | 22/28 | \$1,500 | 5 | |

VOLKSWAGEN

Atlas 4motion

| | | | | | |
|------------------|----|-------|---------|---|----|
| A-S8, 3.6L, 6cyl | 19 | 17/23 | \$1,850 | 3 | SS |
|------------------|----|-------|---------|---|----|

Tiguan 4motion

| | | | | | |
|------------------|----|-------|---------|---|------|
| A-S8, 2.0L, 4cyl | 23 | 21/27 | \$1,550 | 5 | T SS |
|------------------|----|-------|---------|---|------|

VOLVO

XC60 AWD

| | | | | | |
|------------------|----|-------|---------|---|----------|
| A-S8, 2.0L, 4cyl | 24 | 22/28 | \$1,800 | 5 | P T SS |
| A-S8, 2.0L, 4cyl | 23 | 21/27 | \$1,850 | 5 | P T S SS |

STANDARD SPORT UTILITY VEHICLES 2WD

VOLVO

XC90 FWD

| | | | | | |
|------------------|----|-------|---------|---|--------|
| A-S8, 2.0L, 4cyl | 25 | 22/29 | \$1,700 | 5 | P T SS |
|------------------|----|-------|---------|---|--------|

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Notes |
|--|------|----------|------------------------|---------------|--------|
| | Comb | City/Hwy | | | |
| STANDARD SPORT UTILITY VEHICLES 4WD | | | | | |
| AUDI | | | | | |
| Q7 | | | | | |
| A-S8, 2.0L, 4cyl | 21 | 19/25 | \$2,050 | 4 | P T SS |
| BENTLEY | | | | | |
| Bentayga | | | | | |
| A-S8, 6.0L, 12cyl | 15 | 12/19 | \$2,850 | 2 | P T |
| MASERATI | | | | | |
| Levante | | | | | |
| A-8, 3.0L, 8cyl | 16 | 14/20 | \$2,700 | 2 | P T |

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Notes |
|--|------|----------|------------------------|---------------|----------|
| | Comb | City/Hwy | | | |
| Levante S | | | | | |
| A-8, 3.0L, 8cyl | 16 | 14/19 | \$2,700 | 2 | P T |
| VOLVO | | | | | |
| XC90 AWD | | | | | |
| A-S8, 2.0L, 4cyl | 24 | 22/28 | \$1,800 | 5 | P T SS |
| A-S8, 2.0L, 4cyl | 23 | 20/27 | \$1,850 | 5 | P T S SS |

PLUG-IN HYBRID ELECTRIC VEHICLES

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

There are two basic PHEV configurations:

- **Series PHEVs, also called Extended Range Electric Vehicles (EREVs).** The electric motor of 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.

PHEVs 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, but a "quick charge" to 80% capacity may take 30 minutes or less. 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.

PHEVs use less petroleum 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 PHEV. Visit www.fueleconomy.gov for additional information on PHEVs, including tax incentives.

| Manufacturer Model Trans, Eng Size, Cyl Elec. Motor | Fuel | Fuel Economy Combined MPGe | Range (miles) | Total Range* (miles) | Charge Time (hrs @ 240 V) | GHG Rating | Annual Fuel Cost |
|---|------------------------|---------------------------------|------------------|----------------------------|------------------------------------|---------------|------------------------|
| | | Comb / City / Hwy MPG | | | | | |
| COMPACT CARS | | | | | | | |
| BMW | | | | | | | |
| 530e | | | | | | | |
| A-S8, 2.0L, 4cyl, 83kW DCPM†† | Electricity + Gasoline | 72 MPGe ([46kWh +0 gal]/100 mi) | 16 | 370 | 2 | 10 | \$1,250 |
| | Premium Gasoline | 29 / 27 / 31 | 350 | | | | |
| 530e xDrive | | | | | | | |
| A-S8, 2.0L, 4cyl, 83kW DCPM†† | Electricity + Gasoline | 67 MPGe ([49kWh +0 gal]/100 mi) | 15 | 360 | 2 | 10 | \$1,300 |
| | Premium Gasoline | 28 / 27 / 31 | 344 | | | | |
| LARGE CARS | | | | | | | |
| BMW | | | | | | | |
| 740e xDrive | | | | | | | |
| A-S8, 2.0L, 4cyl, 83kW DCPM†† | Electricity + Gasoline | 64 MPGe ([52kWh +0 gal]/100 mi) | 14 | 340 | 3 | 9 | \$1,400 |
| | Premium Gasoline | 27 / 25 / 29 | 326 | | | | |

* Total range includes operation on both electricity and gasoline and is rounded to the nearest 10 miles.

† Direct current permanent magnet brushless motor.

‡ 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

HYBRID-ELECTRIC VEHICLES

It's no coincidence that some of the most fuel-efficient vehicles for the 2018 model year are hybrid electric vehicles (HEVs). Hybrids combine the best features of the internal combustion engine with an electric motor and can significantly improve fuel economy without sacrificing performance or driving range. HEVs may also be configured to provide increased performance rather than fuel economy.

HEVs are primarily propelled by an internal combustion engine, just like conventional vehicles. However, they also convert energy normally wasted during coasting and braking into electricity, which is stored in a battery until needed by the electric motor. The electric motor assists the engine when accelerating or hill climbing and at low speeds, where internal combustion engines are least efficient. Unlike plug-in hybrids, regular hybrids cannot be plugged into an external source of electricity to be recharged; conventional gasoline and regenerative braking provide all of the energy that the vehicle needs.

Annual fuel cost is estimated assuming 15,000 miles of travel each year (55% city and 45% highway) and a fuel cost of \$2.37 per gallon for regular unleaded gasoline or \$2.87 for premium gasoline.

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Battery Type |
|--|------|----------|------------------------|---------------|-----------------|
| | Comb | City/Hwy | | | |
| SUBCOMPACT CARS | | | | | |
| LEXUS | | | | | |
| LC 500h | | | | | |
| AV-S10, 3.5L, 6cyl | 30 | 26/35 | \$1,450 | 7 | 311V Li-Ion |

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Battery Type |
|--|------|----------|------------------------|---------------|-----------------|
| | Comb | City/Hwy | | | |
| MIDSIZE CARS | | | | | |
| TOYOTA | | | | | |
| Avalon Hybrid | | | | | |
| AV-S6, 2.5L, 4cyl | 40 | 40/39 | \$900 | 9 | 245V Ni-MH |

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 \$2.11 per gallon for E85, \$2.37 per gallon for regular unleaded gasoline, and \$2.87 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. Therefore, actual consumer experience may differ significantly from the annual fuel cost estimate presented here.

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 be somewhere between those listed for the two fuels, depending on the actual percentage of gasoline and E85 in the tank.

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Fuel | Range Fuel (miles) |
|--|------|----------|------------------------|---------------|------|--------------------------|
| | Comb | City/Hwy | | | | |
| COMPACT CARS | | | | | | |
| MERCEDES-BENZ | | | | | | |
| CLA250 4matic | | | | | | |
| AM-7, 2.0L, 4cyl | 27 | 24/32 | \$1,600 | 6 | P | 400 |
| | 20 | 17/24 | \$1,600 | 6 | E85 | 300 |
| LARGE CARS | | | | | | |
| CHEVROLET | | | | | | |
| Impala | | | | | | |
| A-S6, 3.6L, 6cyl | 22 | 18/28 | \$1,600 | 4 | Gas | 409 |
| | 16 | 14/20 | \$2,000 | 5 | E85 | 298 |
| SPECIAL PURPOSE VEHICLES 2WD | | | | | | |
| FORD | | | | | | |
| Transit Connect Van FFV | | | | | | |
| A-S6, 2.5L, 4cyl | 23 | 20/27 | \$1,550 | 5 | Gas | 363 |
| | 17 | 15/20 | \$1,850 | 5 | E85 | 269 |

| Manufacturer Model Configuration (trans, eng size, cyl) | MPG | | Annual Fuel Cost | GHG Rating | Fuel | Range Fuel (miles) |
|--|------|----------|------------------------|---------------|------|--------------------------|
| | Comb | City/Hwy | | | | |
| Transit Connect Wagon FFV | | | | | | |
| A-S6, 2.5L, 4cyl | 22 | 19/27 | \$1,600 | 4 | Gas | 348 |
| | 16 | 14/19 | \$2,000 | 5 | E85 | 253 |
| Transit Connect Wagon LWB FFV | | | | | | |
| A-S6, 2.5L, 4cyl | 22 | 19/27 | \$1,600 | 4 | Gas | 348 |
| | 16 | 14/19 | \$2,000 | 5 | E85 | 253 |
| SMALL SPORT UTILITY VEHICLES 4WD | | | | | | |
| MERCEDES-BENZ | | | | | | |
| GLA250 4matic | | | | | | |
| AM-7, 2.0L, 4cyl | 26 | 23/31 | \$1,650 | 5 | P | 380 |
| | 19 | 17/23 | \$1,650 | 6 | E85 | 280 |