

MITSUBISHI MOTORS PROJECTED AVERAGE FUEL ECONOMY

2019 PRE MODEL YEAR REPORT

IMPORT PASSENGER AUTOMOBILE

Projected Rounded Adjusted CAFE ^{*1}	44.6 MPG
Projected Air conditioning fuel consumption improvement value (FCIV _{AC})	0.00017 gallon/mile
Projected Off cycle fuel consumption improvement value (FCIV _{OC})	0.00005 gallon/mile
Projected Average fuel economy ^{*2}	45.0 MPG
Projected Rounded Reformed Standard ^{*3}	45.3 MPG

At this point in time and based on available best present information, the above projection represents Mitsubishi Motors Corporation and Mitsubishi Motors North America, Inc. average fuel economy for the purposes of the Act. Calculations were performed in accordance with the procedures defined in 40 CFR 600.510.

As required by 49 CFR 537.9, estimated fuel economy values are included in this report. These estimated values are for those running changes that have been submitted to the EPA and are currently involved in the running change approval process. These values were obtained from fuel economy data vehicles which were tested in accordance with applicable exhaust emission test procedures and comply with 2019 model year exhaust emission standards as defined in 40 CFR Part 86.

^{*1} Adjusted.

^{*2} Calculations were performed in accordance with the procedures defined in 40 CFR §600.510. FCIV_{AC} and FCIV_{OC} were calculated using the equation described in 40 CFR §600.510-12(c)(3).

^{*3} 2019MY CAFE standard is defined in 49 CFR 531.5.

Mitsubishi Motors
Model Type Fuel Economy Data
 Import Passenger Automobile
 2019 Model Year

Inertia Weight Class	Carline Name	Engine	Transmission Class	Model Type Combined MPG	Projected Sales
2250	MIRAGE	1.2L L3	FWD M5	50.8963	[941]
2500	MIRAGE	1.2L L3	FWD CVT	55.6348	[9,031]
2500	MIRAGE G4	1.2L L3	FWD M5	50.4522	[439]
2500	MIRAGE G4	1.2L L3	FWD CVT	53.0745	[11,125]
3500	ECLIPSE CROSS ES 2WD	1.5L L4 T/C	FWD S-CVT	38.0688	[8,143]
3500	ECLIPSE CROSS 2WD	1.5L L4 T/C	FWD S-CVT	36.6744	[545]
3500	OUTLANDER SPORT 2WD	2.0L L4	FWD M5	34.2342	[773]
3500	OUTLANDER SPORT 2WD	2.0L L4	FWD S-CVT	35.6914	[6,421]
3500	OUTLANDER SPORT 2WD	2.4L L4	FWD S-CVT	34.9631	[5,054]
4500	OUTLANDER PHEV AWD	2.0L L4	AWD A1	73.7945	[1,800]

Total projected Import Passenger Car Sales [44,272]

Notes: M5 - Manual/Five speed

CVT - Continuously Variable Transmission

S-CVT - Continuously Variable Transmission with Manual Shift Mode

A1 - Automatic transmission with fixed gear ratio

T/C - Turbo charged

AWD - All Wheel Drive

FWD - Front wheel drive

VERSION



Mitsubishi Motors
Model Type Fuel Economy Data
Import Passenger Automobile
2019 Model Year

Inertia Weight Class	Carline Name	Engine	Transmission Class	Projected Sales	A/C Efficiency Credit				Off-cycle Credit				Vehicle lifetime miles (VLM)	
					Reduced reheat, with externally-controlled, variable-displacement compressor	Reduced reheat, with externally-controlled, fixed-displacement compressor	Internal heat exchanger	Oil separator	Expected CO ₂ gram per mile credit	High efficiency exterior lights	Thermal control	Engine idle start-stop with electric heater circulation		Expected CO ₂ gram per mile credit
2250	MIRAGE	1.2L L3	FWD M5	[941]		1.0			1.0	0.2			0.2	195,264
2500	MIRAGE	1.2L L3	FWD CVT	[9,031]		1.0			1.0	0.2			0.2	195,264
2500	MIRAGE G4	1.2L L3	FWD M5	[439]		1.0			1.0				0	195,264
2500	MIRAGE G4	1.2L L3	FWD CVT	[11,125]		1.0			1.0				0	195,264
3500	ECLIPSE CROSS ES 2WD	1.5L L4 T/C	FWD S-CVT	[8,143]		1.0	1.0	0.5	2.5	0.3	0.5		0.8	195,264
3500	ECLIPSE CROSS 2WD	1.5L L4 T/C	FWD S-CVT	[545]		1.0	1.0	0.5	2.5	0.3	0.5		0.8	195,264
3500	OUTLANDER SPORT 2WD	2.0L L4	FWD M5	[773]		1.0		0.5	1.5	0.1	0.3		0.4	195,264
3500	OUTLANDER SPORT 2WD	2.0L L4	FWD S-CVT	[6,421]		1.0		0.5	1.5	0.1	0.3		0.4	195,264
3500	OUTLANDER SPORT 2WD	2.4L L4	FWD S-CVT	[5,054]		1.0		0.5	1.5	0.1	0.3		0.4	195,264
4500	OUTLANDER PHEV AWD	2.0L L4	AWD A1	[1,800]	1.5		1.0	0.5	3.0	0.3	0.6	2.5	3.4	195,264

Total [44,272]

A/C Efficiency Credit Total 13,088 (Mg)

Off-cycle Credit Total 3,898 (Mg)

FCIV_{Ac} 0.00017

FCIV_{oc} 0.00005

Notes: M5 - Manual/Five speed
 CVT - Continuously Variable Transmission
 S-CVT - Continuously Variable Transmission with Manual Shift Mode
 A1 - Automatic transmission with fixed gear ratio
 T/C - Turbo charged
 AWD - All Wheel Drive
 FWD - Front wheel drive

VERSION



Mitsubishi Motors
Vehicle Configuration Fuel Economy Data
Import Passenger Automobile
2019 Model Year

Inertia Weight	Carline	Engine	Transmission Class	LVW	ETW	Tire	Test Group	SAE kW	SAE HP	Engine Code	Fuel System	Emission Control	N/V Ratio	Road-load HP	Axle Ratio	Vehicle Config. Comb. MPG	Projected Sales
2250	MIRAGE	1.2L L3	FWD M5	2365	2375	165/65R14	KMTXV01.2G5P	58	78	12DB-UNN	MPI	TWC	50.6	8.4	4.06	50.8963	[941]
2250	MIRAGE	1.2L L3	FWD CVT	2428	2375	165/65R14	KMTXV01.2G5P	58	78	12DA-UNN	MPI	TWC	32.1	8.7	3.76	55.8549	[8,496]
2500	MIRAGE	1.2L L3	FWD CVT	2461	2500	175/55R15	KMTXV01.2G5P	58	78	12DA-UNN	MPI	TWC	32.1	9.2	3.76	52.3584	[535]
2500	MIRAGE G4	1.2L L3	FWD M5	2461	2500	165/65R14	KMTXV01.2G5P	58	78	12DB-UNN	MPI	TWC	50.6	8.7	4.06	50.4522	[439]
2500	MIRAGE G4	1.2L L3	FWD CVT	2518	2500	165/65R14	KMTXV01.2G5P	58	78	12DA-UNN	MPI	TWC	32.1	8.9	3.76	53.4545	[8,941]
2500	MIRAGE G4	1.2L L3	FWD CVT	2544	2500	175/55R15	KMTXV01.2G5P	58	78	12DA-UNN	MPI	TWC	32.1	9.5	3.76	51.5735	[2,184]
3500	ECLIPSE CROSS ES 2WD	1.5L L4 T/C	FWD S-CVT	3622	3625	P215/70R16	KMTXT01.5G5P KMTXT01.5G5Y	113	152	15DJ-VNA	MPI+DFI	TWC	30.5	12.7	6.39	38.0688	[8,143]
3500	ECLIPSE CROSS 2WD	1.5L L4 T/C	FWD S-CVT	3792	3750	P225/55R18	KMTXT01.5G5P KMTXT01.5G5Y	113	152	15DJ-VNA	MPI+DFI	TWC	30.5	13.4	6.39	36.6744	[545]
3500	OUTLANDER SPORT 2WD	2.0L L4	FWD M5	3364	3375	P215/70R16	KMTXT02.0G5P	110	148	20DG-VEN	MPI	TWC	43.9	12.2	4.24	34.2342 *1	[773]
3500	OUTLANDER SPORT 2WD	2.0L L4	FWD S-CVT	3462	3500	P215/70R16	KMTXT02.4G5P	110	148	20DE-VEN	MPI	TWC	28.8	12.9	6.03	35.6914 *1	[5,954]
3500	OUTLANDER SPORT 2WD	2.0L L4	FWD S-CVT	3485	3500	P225/55R18	KMTXT02.4G5P	110	148	20DE-VEN	MPI	TWC	28.8	12.9	6.03	35.6914	[467]
3500	OUTLANDER SPORT 2WD	2.4L L4	FWD S-CVT	3460	3500	P215/70R16	KMTXT02.4G5P	125	168	24DA-VEN	MPI	TWC	28.8	13.5	6.03	34.9631 *1	[3,086]
3500	OUTLANDER SPORT 2WD	2.4L L4	FWD S-CVT	3485	3500	P225/55R18	KMTXT02.4G5P	125	168	24DA-VEN	MPI	TWC	28.8	13.5	6.03	34.9631	[1,968]
4500	OUTLANDER PHEV AWD	2.0L L4	AWD A1	4678	4750	P225/55R18	KMTXT02.0H3M	87	117	20DT-UEN	MPI	TWC	43.2	15.2	3.43	73.7945	[1,800]

Notes: AWD - All Wheel Drive
 FWD - Front wheel drive
 M5 - Manual/Five speed
 CVT - Continuously Variable Transmission
 S-CVT - Continuously Variable Transmission with Manual Shift Mode
 A1 - Automatic transmission with fixed gear ratio

LVW - Loaded Vehicle Weight
 ETW - Equivalent Test Weight
 MPI - Multi port Injection
 DFI - Direct Fuel Injection
 TWC - Three Way Catalyst
 T/C - Turbo charged

*1 - The worst fuel economy value of 18 inch tire is applied to the fuel economy of 16 inch tire.

[REDACTED] VERSION

[REDACTED]

Mitsubishi Motors
Interior Volume Information
Import Passenger Automobile
2019 Model Year

Model Name	Passenger Volume[ft³]	Body Style	Temporary Living quarters	Frontal Area[ft²]
MIRAGE	86.3	4Door Hatch-back	N	23.47
MIRAGE G4	89.2	4Door Sedan	N	23.44
ECLIPSE CROSS ES	94.6	Sport Utility Vehicle	N	27.40
ECLIPSE CROSS	94.6	Sport Utility Vehicle	N	27.40
OUTLANDER SPORT 16 inch tire	97.0	Sport Utility Vehicle	N	26.70
OUTLANDER SPORT 18 inch tire	97.0	Sport Utility Vehicle	N	26.70
OUTLANDER PHEV	102.1	Sport Utility Vehicle	N	28.09

Mitsubishi Motors
Footprint Data
 Import Passenger Automobile
 2019 Model Year

Model Name	Body Style/ Vehicle Description	Engine	Trans	AWD Y/N	Tire	Base tire	Track width (xx.x in) by design.			Wheelbase (xxx.x in) by design.			Footprint (xx.x ft2)
							Front Value	Rear Value	Average	Driver Side Value	Passenger Side Value	Average	
MIRAGE	4D Hatchback	1.2L	M5	N	165/65/R14	X	56.3	55.7	56.0	96.5	96.5	96.5	37.5
MIRAGE	4D Hatchback	1.2L	CVT	N	165/65/R14	X	56.3	55.7	56.0	96.5	96.5	96.5	37.5
MIRAGE	4D Hatchback	1.2L	CVT	N	175/55R15	X	56.3	55.7	56.0	96.5	96.5	96.5	37.5
MIRAGE G4	4D Sedan	1.2L	M5	N	165/65/R14	X	56.9	56.3	56.6	100.4	100.4	100.4	39.5
MIRAGE G4	4D Sedan	1.2L	CVT	N	165/65/R14	X	56.9	56.3	56.6	100.4	100.4	100.4	39.5
MIRAGE G4	4D Sedan	1.2L	CVT	N	175/55R15	X	56.9	56.3	56.6	100.4	100.4	100.4	39.5
ECLIPSE CROSS ES	4D SUV	1.5L	S-CVT	N	P215/70R16	X	60.8	60.8	60.8	105.1	105.1	105.1	44.4
ECLIPSE CROSS	4D SUV	1.5L	S-CVT	N	P225/55R18	X	60.8	60.8	60.8	105.1	105.1	105.1	44.4
OUTLANDER SPORT	4D SUV	2.0L	M5	N	P215/70R16	X	60.0	60.0	60.0	105.1	105.1	105.1	43.8
OUTLANDER SPORT	4D SUV	2.0L	S-CVT	N	P215/70R16	X	60.0	60.0	60.0	105.1	105.1	105.1	43.8
OUTLANDER SPORT	4D SUV	2.0L	S-CVT	N	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
OUTLANDER SPORT	4D SUV	2.4L	S-CVT	N	P215/70R16	X	60.0	60.0	60.0	105.1	105.1	105.1	43.8
OUTLANDER SPORT	4D SUV	2.4L	S-CVT	N	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2
OUTLANDER PHEV	4D SUV	2.0L	A1	Y	P225/55R18	X	60.6	60.6	60.6	105.1	105.1	105.1	44.2

Notes: AWD - All Wheel Drive

M5 - Manual five speed

CVT - Continuously Variable Transmission

S-CVT - Continuously Variable Transmission with Manual Shift Mode

A1 - Automatic transmission with fixed gear ratio

Mitsubishi Motors
Option List
 Import Passenger Automobile
 2019 Model Year

	Import					
	MIRAGE	MIRAGE G4	ECLIPSE CROSS	ECLIPSE CROSS ES	OUTLANDER SPORT	OUTLANDER PHEV
Auto Dimming & Garage Opener						X
Around View Camera			X			
Blind Spot Warning			X			X
Blind Spot Warning & Rear Cross Traffic Alert					X	
Charge Lid Opener						X
Cruise Control	X	X				
Daytime Running Lights					X	
Discharge Headlamp					X	
Display Audio	X	X				
Door Sash, Black Out	X					
Driver Power Seat						X
Elect. Chromic Mirror			X			
Electric Heater for A/C						X
Electric Parking Brake			X			
EV Remote System						X
Exhaust Protector						X
Forward Collision Mitigation system						X
Forward Collision Mitigation system, Lane Departure Warning, Automatic High Beam					X	
Front Fog Lamp LED						X
Front Watch Camera System						X
Heater → Automatic Air-Con	X					
Head Up Display			X			
Keyless Operation System & One-touch Start System	X		X			
Leather & Piano Black Steering	X					
Leather Seat (Synthetic Leather → Leather)						X
LED Headlamp			X			X
Leather Seat + Power Seat + Front Seat Heater			X			
Lane Departure Warning			X			
Leather wrapped Steering Wheel		X				
Lane Departure Warning + Adaptive Cruise Control System						X

Mitsubishi Motors
Option List
 Import Passenger Automobile
 2019 Model Year

	Import					
	MIRAGE	MIRAGE G4	ECLIPSE CROSS	ECLIPSE CROSS ES	OUTLANDER SPORT	OUTLANDER PHEV
Main Battery Warning System						X
Manual Air-Con → Automatic Air-Con	X					
Multi Around View System						X
Night & Person Forward Collision Mitigation + Adaptive Cruise Control System			X			
Passenger Power Seat						X
Paddle Shift			X			
Power Seat					X	
Power Tailgate						X
Premium Audio						X
Quick Charger						X
R/Cont Mirror W/Fold Cont			X			
Rear Seat Heater			X			
Rear Shelf			X	X		
Roof Rail					X	X
Room Mirror with Garage Opener		X				
Seat Heater		X				X
Side Protector Molding			X			
Silence Package					X	
Smart Display Audio					X	
Steering Heater						X
Sunglasses Pocket						X
Sun-Roof			X			X
Telematics			X			
Wiper Deicer						X
100V AC Socket (1500W)						X
17 inch Temper Spare Tire			X			
18 inch Aluminum Wheel & Tire				X	X	
4 Speaker	X					

note) X : Optional Equipment. (more than 33% equipment)