

FCA US LLC
Model Type Fuel Economy Data
Import Passenger Vehicle
2017 Model Year

Average Inertial Weight	Car Line	Basic Engine	Transmission Class	Projected Volume	Combined MPG	Footprint
2750	124 Spider	1.4L I-4	Rwd Auto 6 OD L/U	5625	39.5901	37.3
2750	124 Spider	1.4L I-4	Rwd Manual 6 OD	2384	40.2141	37.3
2750	4C	1.8L I-4	Rwd Cont Var OD	250	34.4702	41.1
3500	500L	1.4L I-4	Fwd Auto 6 OD L/U	1773	33.1552	42.5
3000	500X	1.4L I-4	Fwd Manual 6 OD	270	37.5290	42.9
3500	500X	2.4L I-4	Fwd Auto 9 OD L/U	2729	33.4779	42.9
4000	Giulia	2.0L I-4	Rwd Auto 8 OD L/U	4286	36.1059	48.3
4000	Giulia	2.9L V-6	Rwd Auto 8 OD L/U	717	25.6124	47.6
4000	Giulia AWD	2.0L I-4	4wd Auto 8 OD L/U	4170	34.0350	48.3
3500	ProMaster City	2.4L I-4	Fwd Auto 9 OD L/U	1802	31.4586	51.1
3500	Renegade 4x2	1.4L I-4	Fwd Manual 6 OD	163	35.3856	42.8
3500	Renegade 4x2	1.4L I-4	Fwd Manual 6 OD	1079	35.3856	42.9
3500	Renegade 4x2	2.4L I-4 (FFV)	Fwd Auto 9 OD L/U	20871	33.0335	42.9
3500	Renegade 4x2	2.4L I-4 (FFV)	Fwd Auto 9 OD L/U	9329	33.0335	43.0
4500	Granturismo	4.7L V8	6 gear AT RWD	448	19.9146	50.3
4750	Granturismo Convertible	4.7L V8	6 gear AT RWD	308	19.7608	50.3
4750	Quattroporte GTS	3.8L V8	8 gear AT RWD	59	22.0230	56.0
4750	Ghibli S Q4	3.0L V6	8 gear AT AWD	2947	24.1704	53.1
4750	Ghibli	3.0L V6	8 gear AT RWD	2150	25.0783	53.1
4750	Quattroporte S	3.0L V6	8 gear AT RWD	459	23.7396	56.0
4750	Ghibli S	3.0L V6	8 gear AT RWD	1338	24.4714	53.1
5000	Quattroporte S Q4	3.0L V6	8 gear AT AWD	1091	23.6588	56.0

64,248

Total Projected Domestic Sales	64,248
Average Fuel Economy	32.2
FFV Credit	0.6
TPA Adjustment	0.2
Final Fuel Economy Result	33.0
Final Fuel Economy Result with AC Efficiency and Off-Cycle Improvement	33.5
Reformed Fuel Economy Standard	40.0
Credits	(4,176,120)

Off-Cycle Credits

Solar Thermal

Car Line Name	Engine	Transmission Class	Projected Sales	High Efficiency Exterior Lights (g/mi)	Engine Stop Start (g/mi)	Active Engine Warm Up (g/mi)	Active Transmission Warm Up (g/mi)	Glass (g/mi)	Paint (g/mi)	Solar Thermal		Total Off-Cycle Credits (g/mi)	VMT	Off-Cycle Credits Total Mg	
										Ventilated Seats (g/mi)	Passive Cabin Ventilation (g/mi)				
Alfa Romeo 4C	1.8-GDF	AMRCX	250	0.1	0	0	0	0.2	0	0	0	0.2	0.3	195264	15
Fiat 500L	1.4-GTF	L6FCX	1773	0	0	1.5	0	0.6	0.1	0	0	0.7	2.2	195264	762
Fiat 500X	2.4-GMF	L9FCX	2729	0	0	0	0	0	0.1	0	0	0.1	0.1	195264	53
Fiat 500X	1.4-GTF	M6FOX	270	0	0	1.5	0	0	0.1	0	0	0.1	1.6	195264	84
Fiat 124 Spider	1.4-GTF	L6RCX	5625	0.2	0	0	0	0.5	0.1	0	1.7	2.3	2.5	195264	2746
Fiat 124 Spider	1.4-GTF	M6ROX	2384	0.2	0	0	0	0.5	0.1	0	1.7	2.3	2.5	195264	1164
Alfa Romeo Giulia	2.9-GMF	L8RCT	717	0	2.5	0	0	0.1	0.1	0	0	0.2	2.7	195264	378
Alfa Romeo Giulia	2.0-GMF	L8RCX	2713	0	2.5	0	0	0.1	0.1	0	0	0.2	2.7	195264	1430
Alfa Romeo Giulia AWD	2.0-GMF	L84CX	3693	0	2.5	0	0	0.1	0.1	0	0	0.2	2.7	195264	1947
Ram ProMaster City	2.4-GMF	L9FCX	1802	0	0	0	0	0.7	0	0	0	0.7	0.7	195264	246
Jeep Renegade 4x2	1.4-GTF	M6FOX	163	0	0	1.5	0	0	0.1	0	0	0.1	1.6	195264	51
Jeep Renegade 4x2	2.4-XMF	L9FCX	20871	0	0	0	0	0	0.1	0	0	0.1	0.1	195264	408
Jeep Renegade 4x2	1.4-GTF	M6FOX	1079	0	0	1.5	0	0	0.1	0	0	0.1	1.6	195264	337
Jeep Renegade 4x2	2.4-XMF	L9FCX	9329	0	0	0	0	0	0.1	0	0	0.1	0.1	195264	182
Maserati Granturismo	4.7L V8	A6	448	0.16	0	1.5	0	2.2	0.1	0	0	2.3	3.96	195264	346
Maserati Granturismo Convertible	4.7L V8	A6	308	0.16	0	1.5	0	0	0.1	0	0	0.1	1.76	195264	106
Maserati Quattroporte GTS	3.8L V8	A8	59	0.16	0	1.5	0	2.2	0.1	0	0	2.3	3.96	195264	46
Maserati Ghibli S Q4	3.0L V6	A8	2947	0.16	0	1.5	0	2.2	0.1	0	0	2.3	3.96	195264	2279
Maserati Ghibli	3.0L V6	A8	2150	0.16	0	1.5	0	2.2	0.1	0	0	2.3	3.96	195264	1662
Maserati Quattroporte S	3.0L V6	A8	459	0.16	0	1.5	0	2.2	0.1	0	0	2.3	3.96	195264	355
Maserati Ghibli S	3.0L V6	A8	1338	0.16	0	1.5	0	2.2	0.1	0	0	2.3	3.96	195264	1035
Maserati Quattroporte S Q4	3.0L V6	A8	1091	0.16	0	1.5	0	2.2	0.1	0	0	2.3	3.96	195264	844
62,198													Total	16,475	

Revised MPG due to A/C Efficiency and Off-Cycle

A/C Efficiency Credits	32,558	
Off-Cycle Credits	16,475	
FCIV _{Ac}	0.000301650	gal/mi
FCIV _{oc}	0.000152641	gal/mi

MPG before improvement 33.0

MPG after improvement 33.5

MPG improvement difference 0.5