

FCA US LLC
Model Type Fuel Economy Data
Domestic Passenger Car
2017 Model Year

Avg Inertial Weight		Car Line Name	Engine	Transmission Class	Projected Volume	Combined MPG	Footprint
3500	200		2.4-GMF	L9FCX	1457	36.5912	46.9
3500	200		2.4-XMF	L9FCX	9367	36.5912	46.9
4000	200		3.6-XMF	L9FCX	586	30.1680	46.9
4000	200		3.6-XMF	L9FCX	6	30.1680	47.0
3500	200		2.4-XMF	L9FCX	48	36.5912	47.0
4000	200		3.6-XMF	L9FCX	20	30.1680	47.0
4000	200 AWD		3.6-XMF	L94CX	30	28.5513	46.9
4000	200 AWD		3.6-XMF	L94CX	41	28.5513	47.0
4000	300		3.6-GMF	L8RCX	16248	29.8923	53.6
4000	300		3.6-XMF	L8RCX	809	29.8923	53.6
4500	300		5.7-GMF	L8RCX	1593	24.6535	53.6
4500	300 AWD		3.6-GMF	L84CX	11654	27.9923	52.6
4500	300 AWD		3.6-XMF	L84CX	331	27.9923	52.6
2750	500		1.4-GMF	L6FCX	4731	40.0220	34.8
2500	500		1.4-GMF	M5FOX	913	46.4327	34.8
3000	500 Abarth		1.4-GTF	L6FCX	650	36.4714	35.1
2750	500 Abarth		1.4-GTF	M5FOX	815	40.4989	35.1
3000	500e		0.0-EV0	OTFCX	6585	391.3333	34.8
4500	Challenger		6.4-GMF	L8RCX	2432	23.4876	51.5
4500	Challenger		6.4-GMF	M6ROX	708	21.6811	51.5
4000	Challenger		3.6-GMF	L8RCX	24007	29.8923	51.6
4500	Challenger		5.7-GMF	L8RCX	7979	24.6535	51.6
4500	Challenger		5.7-GMF	M6ROX	1487	23.1399	51.6
4500	Challenger		6.4-GMF	L8RCX	1099	23.4876	52.0
4500	Challenger		6.4-GMF	M6ROX	449	21.6811	52.0
4500	Challenger GT		3.6-GMF	L84CX	3484	27.9923	51.6
4500	Challenger SRT		6.2-GMF	L8RCX	1722	20.0858	52.0
4500	Challenger SRT		6.4-GMF	L8RCX	379	23.4876	52.0
4500	Challenger SRT		6.2-GMF	M6ROX	576	19.7548	52.0
4500	Challenger SRT		6.4-GMF	M6ROX	95	21.6811	52.0
4500	Charger		6.4-GMF	L8RCX	2906	23.4876	53.3
4000	Charger		3.6-GMF	L8RCX	33061	29.8923	53.6
4500	Charger		5.7-GMF	L8RCX	11760	24.6535	53.6
4500	Charger		6.4-GMF	L8RCX	3948	23.4876	53.8
4500	Charger AWD		3.6-GMF	L84CX	5479	27.9923	52.6
4500	Charger AWD		3.6-XMF	L84CX	273	27.9923	52.6
4500	Charger SRT		6.2-GMF	L8RCX	1722	20.0858	53.8
4500	Charger SRT		6.2-GMF	M6ROX	576	19.7548	52.0
4500	Charger SRT		6.4-GMF	L8RCX	369	23.4876	53.8
4000	Cherokee FWD		2.4-GMF	L9FCX	47166	32.6673	45.9
4000	Cherokee FWD		2.4-XMF	L9FCX	90	32.6673	45.9
4000	Cherokee FWD		3.2-SMF	L9FCX	11480	31.1365	45.9
3500	Compass 4X2 (MP)		2.4L I-4	M6FOX1	26	34.9126	43.7
3500	Compass 4X2 (MP)		2.4L I-4	L6FCX7	3185	33.8041	43.7
3500	Compass FWD (MK49)		2.0-GMF	AVFCX	10556	31.1683	42.6
3500	Compass FWD (MK49)		2.4-GMF	L6FCX	6603	30.7200	42.6
3500	Compass FWD (MK49)		2.0-GMF	M5FOX	72	33.8583	42.6
3500	Compass FWD (MK49)		2.4-GMF	M5FOX	4	33.5766	42.6
4000	Journey		2.4-GMF	L4FCX	7617	27.6702	49.2
3500	Patriot FWD		2.0-GMF	AVFCX	20405	31.1683	42.6
3500	Patriot FWD		2.4-GMF	L6FCX	11184	30.7200	42.6
3500	Patriot FWD		2.0-GMF	M5FOX	483	33.8583	42.6
3500	Patriot FWD		2.4-GMF	M5FOX	42	33.5766	42.6
3500	Viper		8.4-GMF	M6ROX	616	17.6429	42.6

Total Projected Domestic Sales	279,924
Average Fuel Economy	30.3
FFV Credit	0.6
TPA Adjusment	0.2
Final Fuel Economy Result	31.1
Final Fuel Economy Result with AC Efficiency and Off-Cycle Improvement	32.0
Domestic Minimum Standard	36.7
Reformed Fuel Economy Standard	37.3
Credits	(14,835,972)

Manufacturer: FCA US LLC

Instructions	Notes

OMB Control Number 2060-0644	
Expires 10-31-2013	

[illegible]

Off-Cycle																
										Solar Thermal						
Car Line Name	Engine	Transmission Class	Projected Sales	LED Exterior Lights Credits (g/mi)	Active Aero Credits (g/mi)	ESS with HCS Credits (g/mi)	ESS w/o HCS Credits (g/mi)	TOH Credits (g/mi)	EOH Credits (g/mi)	Glass Credits (g/mi)	Paint Credits (g/mi)	Ventilated Seats (g/mi)	Passive Cabin Ventilation (g/mi)	Total Solar Thermal Control Credits (g/mi)	Total Off-Cycle Credits (g/mi)	Off-Cycle Credits Mg
200	2.4-GMF	L9FCX	1457	0.3	0.5	0	0	0	0	0.5	0.1	0	1.7	2.3	3.1	882
200	2.4-XMF	L9FCX	9367	0.3	0.5	0	0	0	0	0.5	0.1	0	1.7	2.3	3.1	5670
200	3.6-XMF	L9FCX	586	0.3	0.5	0	0	0	1.5	0.5	0.1	0	1.7	2.3	4.6	526
200	2.4-GMF	L9FCX	6	0.3	0.5	0	0	0	0	0.5	0.1	0	1.7	2.3	3.1	4
200	2.4-XMF	L9FCX	48	0.3	0.5	0	0	0	0	0.5	0.1	0	1.7	2.3	3.1	29
200	3.6-XMF	L9FCX	20	0.3	0.5	0	0	0	1.5	0.5	0.1	0	1.7	2.3	4.6	18
200 AWD	3.6-XMF	L94CX	30	0.3	0.5	0	0	0	1.5	0.5	0.1	0	1.7	2.3	4.6	27
200 AWD	3.6-XMF	L94CX	41	0.3	0.5	0	0	0	1.5	0.5	0.1	0	1.7	2.3	4.6	37
300	3.6-GMF	L8RCX	16248	0.2	0	0	0	0	1.5	0.9	0.1	0.2	1.7	2.9	4.6	14594
300	3.6-XMF	L8RCX	809	0.2	0	0	0	0	1.5	0.9	0.1	0.2	1.7	2.9	4.6	727
300	5.7-GMF	L8RCX	1593	0.2	0	0	0	0	0	0.9	0.1	0.2	1.7	2.9	3.1	964
300 AWD	3.6-GMF	L84CX	11654	0.2	0	0	0	0	1.5	0.9	0.1	0.2	1.7	2.9	4.6	10468
300 AWD	3.6-XMF	L84CX	331	0.2	0	0	0	0	1.5	0.9	0.1	0.2	1.7	2.9	4.6	297
500	1.4-GMF	L6FCX	4731	0.1	0	0	0	0	1.5	0.5	0.1	0	1.7	2.3	3.9	3603
500	1.4-GMF	M5FOX	913	0.1	0	0	0	0	1.5	0.5	0.1	0	1.7	2.3	3.9	695
500 Abarth	1.4-GTF	L6FCX	650	0.1	0	0	0	0	1.5	0.5	0.1	0	1.7	2.3	3.9	495
500 Abarth	1.4-GTF	M5FOX	815	0.1	0	0	0	0	1.5	0.5	0.1	0	1.7	2.3	3.9	621
500e	0.0-EV0	OTFCX	6585	0.1	0	0	0	0	0	0.5	0.1	0	1.7	2.3	2.4	3086
Challenger	6.4-GMF	L8RCX	2432	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	1567
Challenger	6.4-GMF	M6ROX	708	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	456
Challenger	3.6-GMF	L8RCX	24007	0.3	0	0	0	0	1.5	1	0.1	0.3	1.7	3	4.8	22501
Challenger	5.7-GMF	L8RCX	7979	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	5141
Challenger	5.7-GMF	M6ROX	1487	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	958
Challenger	6.4-GMF	L8RCX	1099	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	708
Challenger	6.4-GMF	M6ROX	449	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	289
Challenger GT	3.6-GMF	L84CX	3484	0.3	0	0	0	0	1.5	1	0.1	0.3	1.7	3	4.8	3265
Challenger SRT	6.2-GMF	L8RCX	1722	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	1110
Challenger SRT	6.4-GMF	L8RCX	379	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	244
Challenger SRT	6.2-GMF	M6ROX	576	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	371
Challenger SRT	6.4-GMF	M6ROX	95	0.3	0	0	0	0	0	1	0.1	0.3	1.7	3	3.3	61
Charger	6.4-GMF	L8RCX	2906	0.3	0	0	0	0	0	0.8	0.1	0.3	1.7	2.9	3.2	1816
Charger	3.6-GMF	L8RCX	33061	0.3	0	0	0	0	1.5	0.8	0.1	0.3	1.7	2.9	4.7	30341
Charger	5.7-GMF	L8RCX	11760	0.3	0	0	0	0	0	0.8	0.1	0.3	1.7	2.9	3.2	7348
Charger	6.4-GMF	L8RCX	3948	0.3	0	0	0	0	0	0.8	0.1	0.3	1.7	2.9	3.2	2467
Charger AWD	3.6-GMF	L84CX	5479	0.3	0	0	0	0	1.5	0.8	0.1	0.3	1.7	2.9	4.7	5028
Charger AWD	3.6-XMF	L84CX	273	0.3	0	0	0	0	1.5	0.8	0.1	0.3	1.7	2.9	4.7	251
Charger SRT	6.2-GMF	L8RCX	1722	0.3	0	0	0	0	0	0.8	0.1	0.3	1.7	2.9	3.2	1076
Charger SRT	6.2-GMF	M6ROX	576	0.3	0	0	0	0	0	0.8	0.1	0.3	1.7	2.9	3.2	360
Charger SRT	6.4-GMF	L8RCX	369	0.3	0	0	0	0	0	0.8	0.1	0.3	1.7	2.9	3.2	231
Cherokee FWD	2.4-GMF	L9FCX	47166	0.3	0.5	0	0	0	0	1.7	0.1	0	1.7	3.5	4.3	39602
Cherokee FWD	2.4-XMF	L9FCX	90	0.3	0.5	0	0	0	0	1.7	0.1	0	1.7	3.5	4.3	76
Cherokee FWD	3.2-SMF	L9FCX	11480	0.3	0	2.5	0	0	1.5	1.7	0.1	0	1.7	3.5	7.8	17485
Compass 4X2 (MP)	2.4L I-4	M6FOX1	26	0	0	0	0	0	0	1.1	0.1	0	1.7	2.9	2.9	15
Compass 4X2 (MP)	2.4L I-4	L6FCX7	3185	0	0	2.5	0	0	0	1.1	0.1	0	1.7	2.9	5.4	3358
Compass FWD (MK49)	2.0-GMF	AVFCX	10556	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	7420
Compass FWD (MK49)	2.4-GMF	L6FCX	6603	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	4642
Compass FWD (MK49)	2.0-GMF	M5FOX	72	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	51
Compass FWD (MK49)	2.4-GMF	M5FOX	4	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	3
Journey	2.4-GMF	L4FCX	7617	0.2	0	0	0	0	0	1.3	0.1	0	1.7	3.1	3.3	4908
Patriot FWD	2.0-GMF	AVFCX	20405	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	14344
Patriot FWD	2.4-GMF	L6FCX	11184	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	7862
Patriot FWD	2.0-GMF	M5FOX	483	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	340
Patriot FWD	2.4-GMF	M5FOX	42	0.2	0	0	0	0	0	1.6	0.1	0	1.7	3.4	3.6	30
Viper	8.4-GMF	M6ROX	616	0.4	0	0	0	0	0	0.5	0	0	1.7	2.2	2.6	313
279,924															Total	228,780

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

A/C Efficiency Credits	245,827	
Off-Cycle Credits	228,780	
FCIV _{AC}	0.000506072	gal/mi
FCIV _{OC}	0.000470978	gal/mi

MPG before improvement	31.1
------------------------	------

MPG after improvement	32.0
-----------------------	------

MPG improvement difference	1.0
----------------------------	-----