



December 16, 2019

Administrator
National Highway Traffic Safety Administration – NOA-010
1200 New Jersey Avenue, S.E.
Washington, DC 20590

Re: 2020 Pre-Model Year CAFE Report – Light Duty Truck

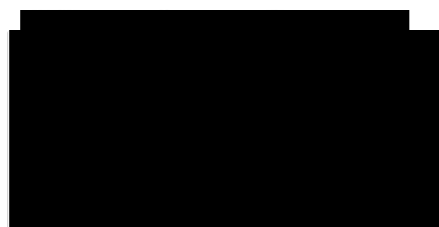
Dear Administrator:

As required by 49 CFR 537.7, FCA US LLC hereby submits its 2020 Pre-Model Year CAFE Report for Light Duty Trucks as manufacturer of Alfa Romeo, Chrysler, Dodge, Fiat, Jeep, Maserati, and Ram branded vehicles. This report is submitted on behalf of FCA US LLC and Maserati North America.

This report shows FCA US LLC's 2020 pre-model year average fuel economy for light duty trucks to be 29.0 mpg, which does not comply with the reformed standard of 30.5 mpg. Purchased credits, if available for acquisition, will be used to make up the projected shortfall of 23,097,960 credits.

This report includes fuel economy data for certification vehicles, for vehicles tested for running changes approved under 40 CFR 86.079-32, 86.079-33, 86.082-34 and voluntary fuel economy data submitted under 40 CFR 600.509-12.

Sincerely,



Attachments

cc: National Highway Traffic Safety Administration

FCA US LLC
CIMS 482-00-81
800 Chrysler Drive, Auburn Hills, MI 48326



FCA US LLC – Projected Average Fuel Economy

2020 Model Year

Light Duty Truck

Current Combined Projected Average Fuel Economy

29.0 mpg

At this point in time and based on available best present information, the above projection represents FCA US LLC's fuel economy for the 2020 model year for the Act. Calculations were performed in accordance with the procedures defined in 40 CFR 600.510-12. As required by S537.9, estimated fuel economy values are included in this report. Fuel economy improvement due to off-cycle and A/C Efficiency, as required by S537.7, are also 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 2020 exhaust emission standards as defined in 40 CFR Part 86. All mileage was accumulated on the durability driving cycle.

FCA US LLC
CIMS 482-00-81
800 Chrysler Drive, Auburn Hills, MI 48326

**FCA US LLC/Maserati North America
Model Type Fuel Economy Data
Light Duty Truck
2020 Model Year**

Avg Inertial Weight	Car Line Name	Engine	Transmission Class	Projected Sales	Combined MPG	Footprint
5500	1500 4X2	3.0L V-6	Rwd Auto 8 OD L/U	329	34.7225	66.5
5500	1500 4X2	3.0L V-6	Rwd Auto 8 OD L/U	5055	34.7225	68.5
5500	1500 4X2	3.0L V-6	Rwd Auto 8 OD L/U	344	34.7225	72.7
5000	1500 4X2	3.6L V-6	Rwd Auto 8 OD L/U	2845	28.6678	66.5
5000	1500 4X2	3.6L V-6	Rwd Auto 8 OD L/U	4750	28.6678	68.5
5000	1500 4X2	3.6L V-6	Rwd Auto 8 OD L/U	821	28.6678	72.7
5000	1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	3054	22.1826	66.5
5000	1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	9924	24.6750	66.5
5500	1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	8806	22.1826	68.4
5500	1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	25279	24.6750	68.4
5500	1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	1021	22.1826	72.7
5500	1500 4X2	5.7L V-8	Rwd Auto 8 OD L/U	1213	24.6750	72.7
5500	1500 4X4	3.0L V-6	4wd Auto 8 OD L/U	1728	32.1702	66.5
6000	1500 4X4	3.0L V-6	4wd Auto 8 OD L/U	23545	32.1702	68.5
6000	1500 4X4	3.0L V-6	4wd Auto 8 OD L/U	2769	32.1702	72.7
5500	1500 4X4	3.6L V-6	4wd Auto 8 OD L/U	14234	27.8792	66.5
5500	1500 4X4	3.6L V-6	4wd Auto 8 OD L/U	24993	27.8792	68.5
5500	1500 4X4	3.6L V-6	4wd Auto 8 OD L/U	811	27.8792	72.7
5500	1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	7499	21.8785	66.5
5500	1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	45443	21.8785	68.4
5500	1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	4837	21.8785	72.7
5500	1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	45386	24.2834	66.5
5500	1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	54261	24.2834	68.4
6000	1500 4X4	5.7L V-8	4wd Auto 8 OD L/U	16231	24.2834	72.7
5000	1500 Classic 4X2 41-62-98	3.6L V-6	Rwd Auto 8 OD L/U	10302	25.6217	66.2
5000	1500 Classic 4X2 41-62-98	3.6L V-6	Rwd Auto 8 OD L/U	4857	25.6217	66.7
5000	1500 Classic 4X2 41-62-98	5.7L V-8	Rwd Auto 8 OD L/U	2657	22.3681	66.2
5500	1500 Classic 4X2 41-62-98	5.7L V-8	Rwd Auto 8 OD L/U	1188	22.3681	66.2
5000	1500 Classic 4X2 41-62-98	5.7L V-8	Rwd Auto 8 OD L/U	335	22.3681	66.7
5500	1500 Classic 4X2 41-62-98	5.7L V-8	Rwd Auto 8 OD L/U	4526	22.3681	66.7
4500	1500 Classic 4X2 61	3.6L V-6	Rwd Auto 8 OD L/U	851	25.6217	56.7
4500	1500 Classic 4X2 61	3.6L V-6	Rwd Auto 8 OD L/U	720	25.6217	57.2
5000	1500 Classic 4X2 61	5.7L V-8	Rwd Auto 8 OD L/U	533	22.3681	56.7
5000	1500 Classic 4X2 61	5.7L V-8	Rwd Auto 8 OD L/U	855	22.3681	57.2
5500	1500 Classic 4X2 91	5.7L V-8	Rwd Auto 8 OD L/U	11062	22.3681	70.3
5000	1500 Classic 4X4 41-62-98	3.6L V-6	4wd Auto 8 OD L/U	486	28.9989	66.2
5500	1500 Classic 4X4 41-62-98	3.6L V-6	4wd Auto 8 OD L/U	7540	28.9989	66.2
5000	1500 Classic 4X4 41-62-98	3.6L V-6	4wd Auto 8 OD L/U	152	28.9989	66.8
5500	1500 Classic 4X4 41-62-98	3.6L V-6	4wd Auto 8 OD L/U	6525	28.9989	66.8
5500	1500 Classic 4X4 41-62-98	5.7L V-8	4wd Auto 8 OD L/U	6226	21.6512	66.2
5500	1500 Classic 4X4 41-62-98	5.7L V-8	4wd Auto 8 OD L/U	7926	21.6512	66.8
5000	1500 Classic 4X4 61	3.6L V-6	4wd Auto 8 OD L/U	25	24.2387	56.7
5000	1500 Classic 4X4 61	3.6L V-6	4wd Auto 8 OD L/U	62	24.2387	57.2
5000	1500 Classic 4X4 61	5.7L V-8	4wd Auto 8 OD L/U	163	21.6512	56.7
5000	1500 Classic 4X4 61	5.7L V-8	4wd Auto 8 OD L/U	118	21.6512	57.2
5500	1500 Classic 4X4 91	5.7L V-8	4wd Auto 8 OD L/U	12548	21.6512	70.4
5500	1500 Classic 4X4 91	5.7L V-8	4wd Auto 8 OD L/U	72	21.6512	71.0
5000	1500 HFE 4X2	3.6L V-6	Rwd Auto 8 OD L/U	27	29.7948	66.5
3500	500X AWD	1.3L I-4	4wd Auto 9 OD L/U	4151	35.3182	42.8
4000	Cherokee 4X4	2.0L I-4	4wd Auto 9 OD L/U	30648	31.8829	45.9
4000	Cherokee 4X4	2.4L I-4	4wd Auto 9 OD L/U	38027	32.0128	45.9
4000	Cherokee 4X4	3.2L V-6	4wd Auto 9 OD L/U	41676	29.1331	45.9
4500	Cherokee 4x4 Active Drive II	2.0L I-4	4wd Auto 9 OD L/U	5451	30.3802	46.8
4500	Cherokee 4x4 Active Drive II	2.0L I-4	4wd Auto 9 OD L/U	747	30.3802	47.5
4500	Cherokee 4x4 Active Drive II	3.2L V-6	4wd Auto 9 OD L/U	1543	27.8119	46.8
4500	Cherokee 4x4 Active Drive II	3.2L V-6	4wd Auto 9 OD L/U	207	27.8119	47.5
4500	Cherokee Trailhawk 4X4	2.0L I-4	4wd Auto 9 OD L/U	6212	29.2416	47.5
4500	Cherokee Trailhawk 4X4	3.2L V-6	4wd Auto 9 OD L/U	18637	27.0371	47.5
3500	Compass 4X4	2.4L I-4	4wd Auto 9 OD L/U	5113	33.0335	43.5
3500	Compass 4X4	2.4L I-4	4wd Auto 9 OD L/U	84991	33.0335	43.6

3500	Compass 4X4	2.4L I-4	4wd Manual 6 OD	540	33 2484	43.5
3500	Compass 4X4	2.4L I-4	4wd Manual 6 OD	10292	33 2484	43.6
5000	Durango AWD	3.6L V-6	4wd Auto 8 OD L/U	30540	27.1720	53.3
5500	Durango AWD	5.7L V-8	4wd Auto 8 OD L/U	10711	21 3940	53.5
5000	Durango RWD	3.6L V-6	Rwd Auto 8 OD L/U	12807	28.1137	53.5
5500	Durango RWD	5.7L V-8	Rwd Auto 8 OD L/U	4098	21.7020	53.5
6000	Durango SRT AWD	6.4L V-8	4wd Auto 8 OD L/U	1237	19 2787	53.5
5000	Gladiator Pickup 4x4	3.6L V-6	4wd Auto 8 OD L/U	66693	24 8217	59.9
5000	Gladiator Pickup 4x4	3.6L V-6	4wd Auto 8 OD L/U	27944	24 8217	61.4
5000	Gladiator Pickup 4x4	3.6L V-6	4wd Manual 6 OD	3734	24 2445	59.9
5000	Gladiator Pickup 4x4	3.6L V-6	4wd Manual 6 OD	4055	24 2445	61.4
4500	Grand Caravan	3.6L V-6	Fwd Auto 6 OD L/U	32920	25 9349	54.9
5000	Grand Cherokee 4X2	3.6L V-6	Rwd Auto 8 OD L/U	45205	28.1137	51.3
5000	Grand Cherokee 4X4	3.6L V-6	4wd Auto 8 OD L/U	182330	27.1720	51.1
5500	Grand Cherokee 4X4	5.7L V-8	4wd Auto 8 OD L/U	7664	21 3940	51.1
5500	Grand Cherokee SRT 4x4	6.4L V-8	4wd Auto 8 OD L/U	845	19 0572	52.1
6000	Grand Cherokee Trackhawk 4x4	6.2L V-8	4wd Auto 8 OD L/U	808	16 8416	52.1
4000	Journey	2.4L I-4	Fwd Auto 4 OD L/U	47808	27.6702	49.2
5250	Levante Trofeo	3.8L V8 582HP	8 gear AT AWD	103	19.6609	53.4
5250	Levante GTS	3.8L V8 542HP	8 gear AT AWD	316	19.6609	53.4
5250	Levante S	3.0 V6 424HP	8 gear AT AWD	1409	22 0201	53.4
5250	Levante	3.0 V6 345HP	8 gear AT AWD	3119	22 0201	53.4
4500	Pacifica	3.6L V-6	Fwd Auto 9 OD L/U	105245	29.1809	58.0
5000	Pacifica Hybrid	3.6L V-6	Fwd Cont Var OD	3007	96.7000	58.0
3500	ProMaster City Cargo	2.4L I-4	Fwd Auto 9 OD L/U	15329	31.4586	51.1
3500	Renegade 4X4	1.3L I-4	4wd Auto 9 OD L/U	1660	34 8241	42.5
3500	Renegade 4X4	1.3L I-4	4wd Auto 9 OD L/U	1660	34 8241	42.6
3500	Renegade 4X4	1.3L I-4	4wd Auto 9 OD L/U	1660	34 8241	43.0
3500	Renegade 4X4	2.4L I-4	4wd Auto 9 OD L/U	23975	31.6705	42.5
3500	Renegade 4X4	2.4L I-4	4wd Auto 9 OD L/U	23975	31.6705	42.6
4000	Renegade Trailhawk 4X4	1.3L I-4	4wd Auto 9 OD L/U	7104	32 2641	42.4
4000	Stelvio AWD	2.0L I-4	4wd Auto 8 OD L/U	12479	32.4189	49.5
4500	Stelvio AWD	2.9L V-6	4wd Auto 8 OD L/U	924	24 8649	50.0
4500	Voyager	3.6L V-6	Fwd Auto 9 OD L/U	4962	29.1809	58.0
4000	Wrangler 4X4	2.0L I-4	4wd Auto 8 OD L/U	11633	31 5660	42.3
4000	Wrangler 4X4	2.0L I-4	4wd Auto 8 OD L/U	3623	31 5660	42.6
4000	Wrangler 4X4	3.6L V-6	4wd Auto 8 OD L/U	7185	26.6900	42.3
4000	Wrangler 4X4	3.6L V-6	4wd Auto 8 OD L/U	6067	26.6900	42.6
4000	Wrangler 4X4	3.6L V-6	4wd Manual 6 OD	2482	25 8897	42.3
4000	Wrangler 4X4	3.6L V-6	4wd Manual 6 OD	673	25 8897	42.6
4500	Wrangler Unlimited 4X4	2.0L I-4	4wd Auto 8 OD L/U	37278	30 0569	51.7
4500	Wrangler Unlimited 4X4	2.0L I-4	4wd Auto 8 OD L/U	22969	31.4231	51.7
4500	Wrangler Unlimited 4X4	2.0L I-4	4wd Auto 8 OD L/U	28336	31.4231	52.1
5000	Wrangler Unlimited 4X4	3.0L V-6	4wd Auto 8 OD L/U	15012	32 8665	51.7
4500	Wrangler Unlimited 4X4	3.6L V-6	4wd Auto 8 OD L/U	18495	26.6193	51.7
4500	Wrangler Unlimited 4X4	3.6L V-6	4wd Auto 8 OD L/U	23887	26.7120	51.7
4500	Wrangler Unlimited 4X4	3.6L V-6	4wd Auto 8 OD L/U	31592	26.7120	52.1
4500	Wrangler Unlimited 4X4	3.6L V-6	4wd Manual 6 OD	8435	25.1322	51.7
4500	Wrangler Unlimited 4X4	3.6L V-6	4wd Manual 6 OD	2702	25.1322	52.1

Total Projected Volume 1,539,864

Average Fuel Economy 27.3

FFV Credit 0.0

Final Fuel Economy Result 27.3

Final Fuel Economy Result with AC Efficiency and Off-Cycle Improvement 29.0

Reformed Fuel Economy Standard 30.5

Credits (23,097,960)

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

A/C Efficiency Credits	2,032,504	
Off-Cycle Credits	4,254,636	
FCIV _{Ac}	0.000657574	gal/mi
FCIV _{oc}	0.001376499	gal/mi

MPG before improvement 27.3

MPG after improvement 29.0

MPG improvement difference 1.6