TOYOTA 2018 MID-MODEL YEAR AUTOMOTIVE FUEL ECONOMY REPORT

July 2018

DATA)

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Section I - General Description

- 1) <u>Identification of this report:</u> Mid-Model Year Report
- 2) Official responsible for preparing this report:

The name, title and address of the official responsible for preparing this report is as follows:

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- 3) <u>Identification of the current model year:</u> 2018 model year
- 4) <u>of the information:</u>

In accordance with 49 CFR Section 537.5 (c)(7) and 49 CFR Part 512, we request to withhold from public disclosure any sales projection information that is included in this report, as trade secret, until December 31, 2018. This is because these data fall within our sales strategy plans and come under 5 U.S.C. 552 (b)(4), "Trade Secrets and Commercial Information." Release of the information, which is claimed to be to competitors before the specified date may result in significant competitive damage to Toyota. Application for certification submitted to EPA also includes similar information. We have requested its for the same reason. treatment will be stamped " in the top right-hand corner. The pages requesting Each specific portion containing information will be squared, and will have the letter "C" (such as _____ C). We appreciate your support of our claim of and treatment of the material as such.

Section II - Specific Information on 2018 Model Year Vehicle Fuel Economy

A. <u>Domestically Produced Passenger Automobiles</u>

1. Projected Average Fuel Economy (including AC Efficiency and Off-Cycle credit)

The projected average fuel economy is 43.5MPG. This projection sufficiently represents Toyota's average fuel economy for our 2018 model year domestically produced passenger automobiles for the purpose of the Motor Vehicle Information and Cost Savings Act.

2. Projected Average Fuel Economy (not including AC Efficiency and Off-Cycle credit)

The projected average fuel economy is 42.4MPG. This projection sufficiently represents Toyota's average fuel economy for our 2018 model year domestically produced passenger automobiles for the purpose of the Motor Vehicle Information and Cost Savings Act.

3. Projected Required Fuel Economy

The projected required fuel economy is 40.1MPG.

4. Projected Total Sales

information.

5. Footprint Information for each Model Type

The footprint information for each model type is provided in Table 1.

6. Model Type Fuel Economy

Model type fuel economy is provided in Table 2.

7. Projected Air conditioning Fuel Consumption improvements (S600.510-12(c)(3)(i))

The projected Air conditioning fuel economy credit is 0.000423903 gallons/mile. Detailed information is information.

8. Projected Off-Cycle Fuel Consumption improvements (S600.510-12(c)(3)(ii))

The projected Off-Cycle technology fuel economy credit is 0.000189193 gallons/mile. Detailed information is information.

B. Non-domestically Produced Passenger Automobiles

1. Projected Average Fuel Economy (including AC Efficiency and Off-Cycle credit)

The projected average fuel economy is 42.7MPG. This projection sufficiently represents Toyota's average fuel economy for our 2018 model year non-domestically produced passenger automobiles for the purpose of the Motor Vehicle Information and Cost Savings Act.

2. Projected Average Fuel Economy (not including AC Efficiency and Off-Cycle credit)

The projected average fuel economy is 41.4MPG. This projection sufficiently represents Toyota's average fuel economy for our 2018 model year non-domestically produced passenger automobiles for the purpose of the Motor Vehicle Information and Cost Savings Act.

3. Projected Required Fuel Economy

The projected required fuel economy is 40.6MPG.

4. Projected Total Sales

information.

5. Footprint Information for each Model Type

The footprint information for each model type is provided in Table 3.

6. Model Type Fuel Economy

Model type fuel economy is provided in Table 4.

7. Projected Air conditioning Fuel Consumption improvements (\$600.510-12(c)(3)(i))

The projected Air conditioning fuel economy credit is 0.000507369 gallons/mile. Detailed information is information.

8. Projected Off-Cycle Fuel Consumption improvements (S600.510-12(c)(3)(ii))

The projected Off-Cycle technology fuel economy credit is 0.000209288 gallons/mile. Detailed information is information.

C. Light Trucks

1. Projected Average Fuel Economy (including AC Efficiency and Off-Cycle credit)

The projected average fuel economy is 28.3MPG. We believe that the above projection sufficiently represents Toyota's average fuel economy for our 2018 model year light trucks for the purpose of the Motor Vehicle Information and Cost Savings Act.

2. Projected Average Fuel Economy (not including AC Efficiency and Off-Cycle credit)

The projected average fuel economy is 27.4MPG. We believe that the above projection sufficiently represents Toyota's average fuel economy for our 2018 model year light trucks for the purpose of the Motor Vehicle Information and Cost Savings Act.

3. Projected Required Fuel Economy

The projected required fuel economy is 30.8MPG.

4. Projected Total Sales

information.

5 Footprint Information for each Model Type

The footprint information for each model type is provided in Table 5.

6. Model Type Fuel Economy

Model type fuel economy is provided in Table 6.

7. Projected Air conditioning Fuel Consumption improvements (S600.510-12(c)(3)(i))

The projected Air conditioning fuel economy credit is 0.000649929 gallons/mile. Detailed information is information.

8. Projected Off-Cycle Fuel Consumption improvements (\$600.510-12(c)(3)(ii))

The projected Off-Cycle technology fuel economy credit is 0.000561251 gallons/mile. Detailed information is information.

9. Data for Non-passenger vehicle

The data for each model type of automobile, classified as a non-passenger vehicle (light truck), as required by Section 537.7(c)(5), are as follows:

••						
	(i)(A) Transport more than 10 persons	(i)(B) Temporary living quarters	(i)(C) Transport property on an open bed		(i)(E) Permit expanded use for non-passenger carrying purposes	
RAV4	No	No	No	No	No	
RAV4 HYBRID	No	No	No	No	No	
NX 300	No	No	No	No	No	
NX 300h	No	No	No	No	No	
HIGHLANDER	No	No	No	No	Yes	
HIGHLANDER HYBRID	No	No	No	No	Yes	
SIENNA	No	No	No	No	Yes	
RX 350	No	No	No	No	No	
RX 350 L	No	No	No	No	No	
RX 450h	No	No	No	No	No	
RX 450h L	No	No	No	No	No	
TACOMA	No	No	Yes	Yes	No	
4RUNNER	No	No	No	No	No	
GX 460	No	No	No	No	No	
TUNDRA	No	No	Yes	Yes	No	
TUNDRA FFV	No	No	Yes	Yes	No	
SEQUOIA, SEQUOIA FFV	No	No	No	No	Yes	
LAND CRUISER	No	No	No	No	No	
LX 570	No	No	No	No	No	

	(ii)(A) 4-wheel drive	(ii)(B) GVW (lbs.)	(ii)(C)(1) Approach angle (deg.)	(ii)(C)(2) Breakover angle (deg.)	(ii)(C)(3) Departure angle (deg.)	(ii)(C)(4) Minimum running clearance (inch)	(ii)(C)(5) A clearance Front	
RAV4	YES	4640	28	17	21	6.1	9.0	9.7
RAV4 HYBRID	YES	4960	28	17	21	7.0	7.6	9.1
NX 300	YES	5200	28.4	15.9	24	6.3	9.0	9.7
NX 300h	YES	5335	28.4	15.9	24	6.3	9.0	9.7
HIGHLANDER	YES	6000	17.9	18.3	23.4	8.0	8.4	10.2
HIGHLANDER HYBRID	YES	6260	17.6	16.9	24.1	8.0	8.4	9.7
SIENNA	YES	5995	15	14	18	6.4	6.4	8.3
RX 350	YES	5860	17	16.8	24.9	8.2	9.6	9.8
RX 350 L	YES	5985	17.1	20.6	21.3	8.0	9.1	9.6
RX 450h	YES	6000	17	16.8	24.9	8.2	9.6	9.8
RX 450h L	YES	6200	17.1	20.6	21.3	8.0	9.1	9.6
TACOMA	YES	5600	29	20	23.1	9.4	9.1	8.1
4RUNNER	YES	6300	30	22	26	9.0	7.6	9.2
GX 460	YES	6600	22	21	23	8.1	8.7	9.1
TUNDRA	YES	7050	27	18	20	9.8	9.6	8.5
TUNDRA FFV	YES	7150	27	18	20	9.8	9.6	8.5
SEQUOIA, SEQUOIA FFV	YES	7300	28	20	21	9.5	9.5	8.6
LAND CRUISER	YES	7385	30	23	20	8.9	9.6	8.9
LX 570	YES	7385	25	23	20	8.9	9.3	8.9