



Version

General Motors

General Motors LLC
Compliance & Certification
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Milford Proving Grounds
3300 General Motors Road
Milford, Michigan 48380-3726

THIS [REDACTED] COPY IS BEING SUBMITTED ONLY TO NHTSA'S CHIEF COUNSEL AND NOT TO THE NHTSA ADMINISTRATOR

July 30, 2018

JG145

Heidi King, Deputy Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Dear Ms. King:

Pursuant to 49 CFR Section 537, General Motors LLC (GM) submits its 2018 Mid-Model Year Automotive Fuel Economy Report. As required by Title V of the Motor Vehicle Information and Cost Savings Act (49 USC Section 32907), the information specified in Sections 537.7(b) and (c) is provided for domestic and imported passenger automobiles and light trucks.

A. Projected Average Fuel Economy - 537.7(b)

GM's projected Corporate Average Fuel Economy (CAFE) for the 2018 Mid-Model Year Fuel Economy Report is:

	MPG	Average MPG	MY 2018 Standard
a.Domestic Passenger Automobile	37.1	37.7	39.8
b.Domestic Light Truck Combined Fleet	25.5	25.9	27.9
c. Import Passenger Automobile	39.2	39.5	43.1

The above 2018 model year (MY) projections represent GM's average fuel economies for purposes of the Act. The domestic passenger car projections include an adjustment for changes made by EPA to the 1975 fuel economy test procedures and include AMFA credit of 0.4. The light truck projection does not include such an adjustment based on EPA's determination that such adjustments are not warranted. See 52 Fed. Reg. 44,996 (1987). The Light Truck Fleet projection does include AMFA credit of 0.4 mpg. The "MPG" column represents the GM average fuel economies without air conditioning and off-cycle technology credits and the "Average MPG" column represents the GM average fuel economies with the credits.

Although our CAFE projections are based on the most up-to-date marketplace indicators available at the time they are made, consumer purchasing behavior and in particular economic conditions render our projections uncertain, at best.

B. Model Type and Configuration Fuel Economy and Technical Information - 537.7 (c)

Attachment Contents

Attachments I-IV, VII, VIII and IX contains [REDACTED] sales volume information.

- I Projected Sales Volumes by Vehicle Classification ([REDACTED])
- II Domestic Passenger Automobile Model Type Information ([REDACTED])
- III Combined Domestic Light Truck Model Type Information ([REDACTED])
- IV Import Passenger Automobile Model Type Information ([REDACTED])
- V Supplemental Information and Coding Conventions
- VI Light Truck Off-Highway Vehicle Information
- VII Foot Print Information and Reformed CAFÉ Standard Calculation ([REDACTED])
- VIII Air Conditioning Fuel Economy Credit Information
- IX Off-Cycle Technology Fuel Economy Credit Information

This Mid-Model Year Report contains [REDACTED] information regarding GM's 2018 MY projected sales volumes. Although certain sales volume information historically becomes public information at the end of the model year, public release of these data are restricted to summarized forms of reporting and do not include the degree of specific detail breakdown required by the regulation. The public release of the detailed sales volume could enable competitors to conduct detailed analyses of GM's product offerings for individual configurations and to change their product designs, available optional equipment, and their marketing and production plans. In such a situation, competitors could save development expenditures normally associated with evaluation and/or development without compensating GM for the expense it incurred throughout the years spent in making its own plans and projections. This dual threat of the competitors' unearned savings and General Motors uncompensated expense would result in a competitive disadvantage to GM. Therefore, with respect to Attachments I through IV, VI, VII, VIII and IX of the following report, GM requests [REDACTED] treatment of this information until the close of the 2018 model year. This time-frame represents a period in which the release of this [REDACTED] material could result in significant competitive damage to GM.

GM believes that such information is entitled to [REDACTED] treatment on the basis of 5 USC Section 552(b)(4) as incorporated by reference in and modified by 49 USC Section 32910, under 18 USC Section 1905 and under 49 CFR Parts 7 and 537. Specifically, the information has value to GM and could have competitive value to other motor vehicle manufacturers. GM has incurred substantial expenditures of manpower, capital, facilities and equipment in developing this material and therefore treats such material as [REDACTED] proprietary information available only to authorized GM personnel and not otherwise available to the public.

Documents of the type comprising Attachments I through IV, VI, VII, VIII and IX are maintained under a record keeping system which is intended to control dissemination of these materials within GM, and to assure that the materials are not disseminated outside of GM, except as described in the attached certification, which is made pursuant to 49 CFR Section 512.4(e).

Some of the base level configurations display the combined MPG in each of the following fields: CITY MPG, HWY MPG, and COMB MPG. This data substitution was allowed to simplify internal data accumulation.

If a request for disclosure is received by NHTSA, GM requests notification of receipt of each such request and an opportunity to explain further the significant competitive damage to GM that would result from disclosure thereof.

This Mid-Model Year Report represents a current estimate of our future CAFE. Since it is based necessarily on some critical factors over which we have little or no control, we must continue to stress the fragile nature of CAFE projections.

Please contact me or Mr. William Beggs of my staff at [REDACTED] in the event you have questions on the information provided in this report.

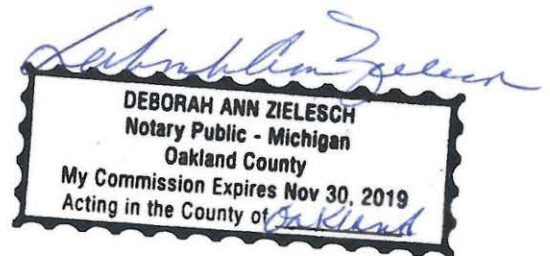
Sincerely,



Laura K. Kolar, Director
Compliance & Certification

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Attachments



I. Projected Sales Volumes by Vehicle Classification

Attachment I

2018 MY Projected Sales Volume

by Vehicle Classification



<u>Vehicle Classification</u>	<u>Volume</u>
Domestic Passenger Automobile	(832,833)
Combined Light Duty Truck	(1,684,455)
Import Passenger Automobile	(160,849)

II. Domestic Passenger Automobile Model Type Information

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FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV01.5020,JGMXV01.5030/1.5L

BASIC ENGINE DETAILS:

SPIY2FWDBOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
VOLT	COMPACT	FWD	EV/4	4000	21046	1.0000	69.8783	71.8968	70.7724	
			MODEL TYPE TOTALS:		21046		69.8783	71.8968	70.7724	0.0253

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXJ01.6356/1.6L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CRUZE	COMPACT	FWD	E9/1	3500	1069	1.0000	40.5000	70.2000	50.0238	0.0013
			MODEL TYPE TOTALS:		1069		40.5000	70.2000	50.0238	
CRUZE	COMPACT	FWD	M6/1	3500	435	1.0000	40.0000	77.0000	51.0356	0.0005
			MODEL TYPE TOTALS:		435		40.0000	77.0000	51.0356	
CRUZE HATCHBACK	MIDSIZE	FWD	E9/1	3500	389	1.0000	40.5000	70.2000	50.0238	0.0005
			MODEL TYPE TOTALS:		389		40.5000	70.2000	50.0238	
CRUZE HATCHBACK	MIDSIZE	FWD	M6/1	3500	236	1.0000	40.0000	77.0000	51.0356	0.0003
			MODEL TYPE TOTALS:		236		40.0000	77.0000	51.0356	
EQUINOX FWD	SMALL SUV 2WD	FWD	E6/1	4000	1941	1.0000	36.0494	57.7957	43.3973	0.0023
			MODEL TYPE TOTALS:		1941		36.0494	57.7957	43.3973	
TERRAIN FWD	SMALL SUV 2WD	FWD	E6/1	4000	1369	1.0000	36.0494	57.7957	43.3973	0.0016
			MODEL TYPE TOTALS:		1369		36.0494	57.7957	43.3973	

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FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV03.6166/3.6L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
IMPALA	LARGE	FWD	T6/2	4000	45348	1.0000	23.1673	39.2354	28.4013	
			MODEL TYPE TOTALS:		45348		23.1673	39.2354	28.4013	0.0545

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FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE: JGMXV01.8050/1.8L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
MALIBU	MIDSIZE	FWD	EV/1	3500	2913	1.0000	68.3000	60.4000	64.5035	
			MODEL TYPE TOTALS:		2913		68.3000	60.4000	64.5035	0.0035

VERSION

FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV03.6166/3.6L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
IMPALA	LARGE	FWD	T6/2	4000	45348	1.0000	23.1673	39.2354	28.4013	
			MODEL TYPE TOTALS:		45348		23.1673	39.2354	28.4013	0.0545

VERSION

FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE: JGMXV01.8050/1.8L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
MALIBU	MIDSIZE	FWD	EV/1	3500	2913	1.0000	68.3000	60.4000	64.5035	
			MODEL TYPE TOTALS:		2913		68.3000	60.4000	64.5035	0.0035

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV02.5050/2.5L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
LACROSSE	MIDSIZE	FWD	E6/1	3500	2459	0.7429	32.9000	48.5000	38.4679	
LACROSSE	MIDSIZE	FWD	E6/1	4000	851	0.2571	32.9000	48.5000	38.4679	
MODEL TYPE TOTALS:					3310		32.9000	48.5000	38.4679	0.0040

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV01.5002/1.4L

BASIC ENGINE DETAILS:

DFIY2FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CRUZE	COMPACT	FWD	M6/1	3000	3509	1.0000	34.8931	58.7681	42.6992	0.0042
					MODEL TYPE TOTALS:		3509	34.8931	58.7681	
CRUZE	COMPACT	FWD	T6/2	3000	117622	1.0000	38.0539	57.0624	44.7642	0.1412
					MODEL TYPE TOTALS:		117622	38.0539	57.0624	
CRUZE PREMIER	COMPACT	FWD	T6/2	3000	5264	1.0000	38.0539	57.0624	44.7642	0.0063
					MODEL TYPE TOTALS:		5264	38.0539	57.0624	
CRUZE HATCHBACK	MIDSIZE	FWD	M6/1	3000	301	1.0000	34.8931	58.7681	42.6992	0.0004
					MODEL TYPE TOTALS:		301	34.8931	58.7681	
CRUZE HATCHBACK	MIDSIZE	FWD	T6/2	3000	18608	1.0000	38.0539	57.0624	44.7642	0.0223
					MODEL TYPE TOTALS:		18608	38.0539	57.0624	
CRUZE PREMIER HATCHBACK	MIDSIZE	FWD	T6/2	3000	3135	1.0000	38.0539	57.0624	44.7642	0.0038
					MODEL TYPE TOTALS:		3135	38.0539	57.0624	

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV01.4099/1.4L

BASIC ENGINE DETAILS:

SPIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
SONIC	COMPACT	FWD	M6/1	3000	114	1.0000	36.7000	55.0000	43.1626	0.0001
			MODEL TYPE TOTALS:				114	36.7000	55.0000	
SONIC	COMPACT	FWD	T6/2	3000	3155	1.0000	34.7000	51.7000	40.7262	0.0038
			MODEL TYPE TOTALS:				3155	34.7000	51.7000	
SONIC 5	SMALL WAGON	FWD	M6/1	3000	173	1.0000	36.7000	55.0000	43.1626	0.0002
			MODEL TYPE TOTALS:				173	36.7000	55.0000	
SONIC 5	SMALL WAGON	FWD	T6/2	3000	1616	1.0000	34.7000	51.7000	40.7262	0.0019
			MODEL TYPE TOTALS:				1616	34.7000	51.7000	

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV01.5010, JGMXV01.5002, JGMXT01.5090/1.5L

BASIC ENGINE DETAILS:

DFIY2FWDBOTH,BOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
MALIBU	MIDSIZE	FWD	E6/1	3500	173596	1.0000	35.0000	52.6000	41.2041	
			MODEL TYPE TOTALS:		173596		35.0000	52.6000	41.2041	0.2084
EQUINOX FWD	SMALL SUV 2WD	FWD	E6/2	3500	195030	1.0000	33.3000	46.5000	38.1768	
			MODEL TYPE TOTALS:		195030		33.3000	46.5000	38.1768	0.2342
TERRAIN FWD	SMALL SUV 2WD	FWD	E9/2	3500	30167	0.8503	33.6000	44.2000	37.6647	
TERRAIN FWD	SMALL SUV 2WD	FWD	E9/2	4000	5309	0.1497	32.0000	42.0000	35.8400	
			MODEL TYPE TOTALS:		35476		33.3504	43.8561	37.3798	0.0426

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV01.8021,JGMXV01.8031/1.8L

BASIC ENGINE DETAILS:

SPIY4FWDBOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
SONIC	COMPACT	FWD	M5/1	3000	115	1.0000	33.1000	50.7000	39.2279	0.0001
			MODEL TYPE TOTALS:		115		33.1000	50.7000	39.2279	
SONIC	COMPACT	FWD	T6/2	3000	10981	1.0000	30.7575	47.6573	36.5976	0.0132
			MODEL TYPE TOTALS:		10981		30.7575	47.6573	36.5976	
SONIC 5	SMALL WAGON	FWD	M5/1	3000	68	1.0000	33.1000	50.7000	39.2279	0.0001
			MODEL TYPE TOTALS:		68		33.1000	50.7000	39.2279	
SONIC 5	SMALL WAGON	FWD	T6/2	3000	4028	1.0000	30.7575	47.6573	36.5976	0.0048
			MODEL TYPE TOTALS:		4028		30.7575	47.6573	36.5976	

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.0100,JGMXV02.0031/2.0L

BASIC ENGINE DETAILS:

DFIY4FWDBOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
MALIBU	MIDSIZE	FWD	E9/2	3500	7467	1.0000	28.6000	45.6000	34.3652	0.0090
			MODEL TYPE TOTALS:		7467		28.6000	45.6000	34.3652	
EQUINOX FWD	SMALL SUV 2WD	FWD	E9/1	4000	22097	1.0000	28.6000	43.1000	33.7023	0.0265
			MODEL TYPE TOTALS:		22097		28.6000	43.1000	33.7023	
TERRAIN FWD	SMALL SUV 2WD	FWD	E9/1	4000	17096	1.0000	28.6000	43.1000	33.7023	0.0205
			MODEL TYPE TOTALS:		17096		28.6000	43.1000	33.7023	

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV02.0031/2.0L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ATS	COMPACT	RWD	M6/1	3500	66	1.0000	24.9890	42.7860	30.7436	
			MODEL TYPE TOTALS:		66		24.9890	42.7860	30.7436	0.0001
ATS	COMPACT	RWD	T8/4	3500	5247	1.0000	27.9618	44.2745	33.5193	
			MODEL TYPE TOTALS:		5247		27.9618	44.2745	33.5193	0.0063
CTS	MIDSIZE	RWD	T8/4	4000	2275	1.0000	27.4764	43.5190	32.9408	
			MODEL TYPE TOTALS:		2275		27.4764	43.5190	32.9408	0.0027
CT6	LARGE	RWD	T8/4	4000	924	1.0000	27.4764	43.5190	32.9408	
			MODEL TYPE TOTALS:		924		27.4764	43.5190	32.9408	0.0011
CAMARO	SUBCOMPACT	RWD	M6/1	3500	1146	0.9550	24.9890	42.7860	30.7436	
CAMARO	SUBCOMPACT	RWD	M6/1	4000	54	0.0450	25.1000	41.9000	30.6258	
			MODEL TYPE TOTALS:		1200		24.9940	42.7453	30.7383	0.0014
CAMARO	SUBCOMPACT	RWD	T8/4	3500	8929	0.8343	27.9618	44.2745	33.5193	
CAMARO	SUBCOMPACT	RWD	T8/4	4000	1774	0.1657	27.4764	43.5190	32.9408	
			MODEL TYPE TOTALS:		10703		27.8802	44.1475	33.4220	0.0129

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV02.0031/2.0L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ATS AWD	COMPACT	AWD	T8/4	4000	4362	1.0000	27.7000	42.3000	32.7935	
			MODEL TYPE TOTALS:		4362		27.7000	42.3000	32.7935	0.0052
CTS AWD	MIDSIZE	AWD	T8/4	4000	2265	1.0000	27.7000	42.3000	32.7935	
			MODEL TYPE TOTALS:		2265		27.7000	42.3000	32.7935	0.0027

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV02.5001/2.5L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
IMPALA	LARGE	FWD	T6/2	4000	6296	1.0000	27.6000	41.9000	32.6079	
			MODEL TYPE TOTALS:		6296		27.6000	41.9000	32.6079	0.0076

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6042/3.0L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CT6 AWD	LARGE	AWD	T8/4	4500	2506	1.0000	22.7000	36.5000	27.3539	
			MODEL TYPE TOTALS:		2506		22.7000	36.5000	27.3539	0.0030

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
LACROSSE	MIDSIZE	FWD	T9/2	4000	4646	1.0000	26.5000	42.7000	31.9557	
			MODEL TYPE TOTALS:		4646		26.5000	42.7000	31.9557	0.0056

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**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6167,JGMXV03.6165,JGMXV03.6048/3.6L

BASIC ENGINE DETAILS:

DFIY4FWDBOTH,BOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
XTS	LARGE	FWD	T6/2	4000	9890	0.9547	23.5000	39.4000	28.7145	
XTS	LARGE	FWD	T6/2	4500	469	0.0453	22.8000	38.1000	27.8289	
			MODEL TYPE TOTALS:		10359		23.4674	39.3392	28.6732	0.0124
XTS HEARSE	SPEC. PURP. 2WD	FWD	T6/2	6000	584	1.0000	17.1007	28.2524	20.7942	
			MODEL TYPE TOTALS:		584		17.1007	28.2524	20.7942	0.0007
XTS LIMO	SPEC. PURP. 2WD	FWD	T6/2	5500	17	0.0420	18.1000	28.8000	21.7336	
XTS LIMO	SPEC. PURP. 2WD	FWD	T6/2	6000	388	0.9580	17.1007	28.2524	20.7942	
			MODEL TYPE TOTALS:		405		17.1404	28.2750	20.8320	0.0005
IMPALA	LARGE	FWD	T6/2	4000	13078	1.0000	23.5000	39.4000	28.7145	
			MODEL TYPE TOTALS:		13078		23.5000	39.4000	28.7145	0.0157

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ATS	COMPACT	RWD	T8/5	4000	490	1.0000	24.2000	41.1000	29.6946	
			MODEL TYPE TOTALS:		490		24.2000	41.1000	29.6946	0.0006
CTS	MIDSIZE	RWD	T8/5	4000	1333	1.0000	24.2000	41.1000	29.6946	
			MODEL TYPE TOTALS:		1333		24.2000	41.1000	29.6946	0.0016
CAMARO	SUBCOMPACT	RWD	T8/4	3500	16311	0.8369	24.2825	40.9600	29.7297	
CAMARO	SUBCOMPACT	RWD	T8/4	4000	3179	0.1631	23.2000	38.9000	28.3487	
			MODEL TYPE TOTALS:		19490		24.0991	40.6093	29.4953	0.0234

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CAMARO	SUBCOMPACT	RWD	M6/1	3500	698	0.9018	20.6000	38.3000	26.0089	
CAMARO	SUBCOMPACT	RWD	M6/1	4000	76	0.0982	19.7183	35.2090	24.5860	
MODEL TYPE TOTALS:					774		20.5099	37.9726	25.8619	0.0009

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
LACROSSE AWD	MIDSIZE	AWD	T9/2	4000	1316	1.0000	26.2000	42.0000	31.5391	
			MODEL TYPE TOTALS:		1316		26.2000	42.0000	31.5391	0.0016
ATS AWD	COMPACT	AWD	T8/5	4000	661	1.0000	24.2694	38.6710	29.1554	
			MODEL TYPE TOTALS:		661		24.2694	38.6710	29.1554	0.0008
CTS AWD	MIDSIZE	AWD	T8/5	4000	1226	1.0000	24.2694	38.6710	29.1554	
			MODEL TYPE TOTALS:		1226		24.2694	38.6710	29.1554	0.0015
CT6 AWD	LARGE	AWD	T8/5	4000	1018	0.1484	24.2694	38.6710	29.1554	
CT6 AWD	LARGE	AWD	T8/5	4500	5840	0.8516	22.6000	37.3710	27.4894	
			MODEL TYPE TOTALS:		6858		22.8331	37.5584	27.7245	0.0082

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6167,JGMXV03.6165,JGMXV03.6048/3.6L

BASIC ENGINE DETAILS:

DFIY4FWDBOTH,BOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
XTS	LARGE	FWD	T6/2	4000	9890	0.9547	23.5000	39.4000	28.7145	
XTS	LARGE	FWD	T6/2	4500	469	0.0453	22.8000	38.1000	27.8289	
			MODEL TYPE TOTALS:		10359		23.4674	39.3392	28.6732	0.0124
XTS HEARSE	SPEC. PURP. 2WD	FWD	T6/2	6000	584	1.0000	17.1007	28.2524	20.7942	
			MODEL TYPE TOTALS:		584		17.1007	28.2524	20.7942	0.0007
XTS LIMO	SPEC. PURP. 2WD	FWD	T6/2	5500	17	0.0420	18.1000	28.8000	21.7336	
XTS LIMO	SPEC. PURP. 2WD	FWD	T6/2	6000	388	0.9580	17.1007	28.2524	20.7942	
			MODEL TYPE TOTALS:		405		17.1404	28.2750	20.8320	0.0005
IMPALA	LARGE	FWD	T6/2	4000	13078	1.0000	23.5000	39.4000	28.7145	
			MODEL TYPE TOTALS:		13078		23.5000	39.4000	28.7145	0.0157

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ATS	COMPACT	RWD	T8/5	4000	490	1.0000	24.2000	41.1000	29.6946	
			MODEL TYPE TOTALS:		490		24.2000	41.1000	29.6946	0.0006
CTS	MIDSIZE	RWD	T8/5	4000	1333	1.0000	24.2000	41.1000	29.6946	
			MODEL TYPE TOTALS:		1333		24.2000	41.1000	29.6946	0.0016
CAMARO	SUBCOMPACT	RWD	T8/4	3500	16311	0.8369	24.2825	40.9600	29.7297	
CAMARO	SUBCOMPACT	RWD	T8/4	4000	3179	0.1631	23.2000	38.9000	28.3487	
			MODEL TYPE TOTALS:		19490		24.0991	40.6093	29.4953	0.0234

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CAMARO	SUBCOMPACT	RWD	M6/1	3500	698	0.9018	20.6000	38.3000	26.0089	
CAMARO	SUBCOMPACT	RWD	M6/1	4000	76	0.0982	19.7183	35.2090	24.5860	
MODEL TYPE TOTALS:					774		20.5099	37.9726	25.8619	0.0009

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
LACROSSE AWD	MIDSIZE	AWD	T9/2	4000	1316	1.0000	26.2000	42.0000	31.5391	
			MODEL TYPE TOTALS:		1316		26.2000	42.0000	31.5391	0.0016
ATS AWD	COMPACT	AWD	T8/5	4000	661	1.0000	24.2694	38.6710	29.1554	
			MODEL TYPE TOTALS:		661		24.2694	38.6710	29.1554	0.0008
CTS AWD	MIDSIZE	AWD	T8/5	4000	1226	1.0000	24.2694	38.6710	29.1554	
			MODEL TYPE TOTALS:		1226		24.2694	38.6710	29.1554	0.0015
CT6 AWD	LARGE	AWD	T8/5	4000	1018	0.1484	24.2694	38.6710	29.1554	
CT6 AWD	LARGE	AWD	T8/5	4500	5840	0.8516	22.6000	37.3710	27.4894	
			MODEL TYPE TOTALS:		6858		22.8331	37.5584	27.7245	0.0082

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV03.6165/3.6L
BASIC ENGINE DETAILS:
DFIY4AWDBOTHNONAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
XTS AWD	LARGE	AWD	T6/2	4500	3185	1.0000	22.4490	37.2000	27.3248	
					MODEL TYPE TOTALS:		22.4490	37.2000	27.3248	0.0038

VERSION

FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV03.6165/3.6L
BASIC ENGINE DETAILS:
DFIY4AWDBOTHNONAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
XTS AWD	LARGE	AWD	T6/2	4500	3185	1.0000	22.4490	37.2000	27.3248	
					MODEL TYPE TOTALS:		22.4490	37.2000	27.3248	0.0038

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV03.6042/3.6L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CTS	MIDSIZE	RWD	T8/5	4000	154	1.0000	21.1000	35.0000	25.6914	0.0002
			MODEL TYPE TOTALS:		154		21.1000	35.0000	25.6914	
ATS-V	COMPACT	RWD	M6/1	4000	103	1.0000	20.3000	31.6000	24.1931	0.0001
			MODEL TYPE TOTALS:		103		20.3000	31.6000	24.1931	
ATS-V	COMPACT	RWD	T8/5	4000	307	1.0000	21.1000	35.0000	25.6914	0.0004
			MODEL TYPE TOTALS:		307		21.1000	35.0000	25.6914	

VERSION

FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV03.6042/3.6L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
XTS AWD	LARGE	AWD	T6/3	4500	94	1.0000	19.9000	33.5000	24.3481	
			MODEL TYPE TOTALS:		94		19.9000	33.5000	24.3481	0.0001

VERSION

FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV06.2090/6.2L

BASIC ENGINE DETAILS:

SPIY2RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CORVETTE	TWO SEATER	RWD	M7/6	3500	1142	0.9525	20.2237	34.9520	24.9560	
CORVETTE	TWO SEATER	RWD	M7/6	4000	57	0.0475	19.1979	32.9949	23.6477	
			MODEL TYPE TOTALS:		1199		20.1725	34.8538	24.8906	0.0014
CORVETTE	TWO SEATER	RWD	T8/6	3500	4498	0.9019	18.9944	36.8031	24.2819	
CORVETTE	TWO SEATER	RWD	T8/6	4000	489	0.0981	17.7000	32.7000	22.3040	
			MODEL TYPE TOTALS:		4987		18.8591	36.3556	24.0725	0.0060
CAMARO	SUBCOMPACT	RWD	T8/5	4000	13000	1.0000	20.3560	38.6303	25.8612	
			MODEL TYPE TOTALS:		13000		20.3560	38.6303	25.8612	0.0156

VERSION

FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV06:2090/6.2L

BASIC ENGINE DETAILS:

SPIY2RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CAMARO	SUBCOMPACT	RWD	M6/5	4000	5961	1.0000	20.5000	33.8000	24.9110	
			MODEL TYPE TOTALS:		5961		20.5000	33.8000	24.9110	0.0072

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV06.2089,JGMXV06.2090/6.2L

BASIC ENGINE DETAILS:

DFIY2RWDBOTH,BOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CTS-V	MIDSIZE	RWD	T8/5	4500	1084	1.0000	16.8925	28.1449	20.5984	0.0013
			MODEL TYPE TOTALS:		1084		16.8925	28.1449	20.5984	
CORVETTE	TWO SEATER	RWD	M7/6	4000	654	1.0000	18.5952	30.7737	22.6242	0.0008
			MODEL TYPE TOTALS:		654		18.5952	30.7737	22.6242	
CORVETTE	TWO SEATER	RWD	T8/6	4000	1736	1.0000	16.4000	29.4000	20.4739	0.0021
			MODEL TYPE TOTALS:		1736		16.4000	29.4000	20.4739	
CAMARO	SUBCOMPACT	RWD	T10/5	4000	2796	0.8558	15.3000	27.0000	19.0062	0.0039
CAMARO	SUBCOMPACT	RWD	T10/5	4500	471	0.1442	15.3000	27.0000	19.0062	
MODEL TYPE TOTALS:					3267		15.3000	27.0000	19.0062	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV06.2089/6.2L

BASIC ENGINE DETAILS:

DFIY2RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CAMARO	SUBCOMPACT	RWD	M6/5	4000	2418	0.9554	17.0000	27.2000	20.4511	
CAMARO	SUBCOMPACT	RWD	M6/5	4500	113	0.0446	16.3000	26.6000	19.7396	
MODEL TYPE TOTALS:					2531		16.9675	27.1727	20.4183	0.0030

CAFE SUMMARY REPORT

Base Level Summary Name 2018 MIDMYR DOMESTIC CAR CAFE
Version 1

Model Year 2018
FE Compliance Class DOMESTIC CAR

Region US
Run Date 07-26-18 14:50

Description	Gas	Alt
Total Volume	832833	832833
Tested Volume	755033	733987
% Tested	91	88
Needed Volume	-9647	11399
Un-rounded CAFE(Calculated to EPA Rules)	37.070193	37.6994582
Un-rounded CAFE with AMFA	37.470193	
TPA	0.259	
UnRounded CAFE with AMFA(Usable) & TPA	37.729193	
Rounded CAFE with AMFA & TPA	37.7	
Target CAFE Un-rounded	39.8240059	
Target CAFE Rounded	39.8	
CAFE MPG Standard	38	
Used AMFA Credits	0.4	

CAFE Summary Details	Gas	Alt
Number of Model Types	67	67
Number of Base Levels	57	57
Number of Vehicle Configurations Tested	69	67
Number of Vehicle Configurations Untested	14	16
Number of Footprints	19	19

FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
REFORMED CAPE CALCULATIONS

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	03131	SONIC	M6	38.2	45.21	9	0.0000
GMX	03131	SONIC	T6	38.2	45.21	2,164	0.0026
GMX	03131	SONIC	M5	41	45.2	115	0.0001
GMX	03131	SONIC	M6	41	45.2	105	0.0001
GMX	03131	SONIC	T6	41	45.2	11,972	0.0144
GMX	03132	SONIC 5	M5	41	45.2	68	0.0001
GMX	03132	SONIC 5	M6	41	45.2	173	0.0002
GMX	03132	SONIC 5	T6	41	45.2	5,644	0.0068
GMX	03121	VOLT	EV	45.1	41.4	21,046	0.0253
GMX	03972	CRUZE	E9	45.2	41.32	1,069	0.0013
GMX	03972	CRUZE	M6	45.2	41.32	3,944	0.0047
GMX	03972	CRUZE	T6	45.2	41.32	117,622	0.1412
GMX	03977	CRUZE PREMIER	T6	45.2	41.32	5,264	0.0063
GMX	03978	CRUZE HATCHBACK	E9	45.2	41.32	389	0.0005
GMX	03978	CRUZE HATCHBACK	M6	45.2	41.32	537	0.0006
GMX	03978	CRUZE HATCHBACK	T6	45.2	41.32	18,608	0.0223
GMX	03979	CRUZE PREMIER HATCHBACK	T6	45.2	41.32	3,135	0.0038
GMX	02542	ATS	M6	45.8	40.82	31	0.0000
GMX	02542	ATS	T8	45.8	40.82	5,456	0.0066
GMX	02545	ATS AWD	T8	45.8	40.82	4,402	0.0053
GMX	03155	CORVETTE	M7	46.1	40.57	568	0.0007
GMX	03155	CORVETTE	T8	46.1	40.57	2,903	0.0035
GMX	02557	ATS-V	M6	46.3	40.41	56	0.0001

**FUEL ECONOMY CALCULATIONS
DOMESTIC PASSENGER CARS
REFORMED CAFE CALCULATIONS**

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	02557	ATS-V	T8	46.3	40.41	180	0.0002
GMX	02542	ATS	M6	46.5	40.25	35	0.0000
GMX	02542	ATS	T8	46.5	40.25	281	0.0003
GMX	02545	ATS AWD	T8	46.5	40.25	621	0.0007
GMX	03981	EQUINOX FWD	E6	46.5	40.25	196,971	0.2365
GMX	03981	EQUINOX FWD	E9	46.5	40.25	22,097	0.0265
GMX	04943	TERRAIN FWD	E6	46.5	40.25	1,369	0.0016
GMX	04943	TERRAIN FWD	E9	46.5	40.25	52,572	0.0631
GMX	02557	ATS-V	M6	46.6	40.17	47	0.0001
GMX	02557	ATS-V	T8	46.6	40.17	127	0.0002
GMX	03155	CORVETTE	M7	47.4	39.54	1,285	0.0015
GMX	03155	CORVETTE	T8	47.4	39.54	3,820	0.0046
GMX	02543	XTS	T6	48.2	38.93	389	0.0005
GMX	03952	IMPALA	T6	48.3	38.85	64,722	0.0777
GMX	02543	XTS	T6	48.4	38.78	9,970	0.0120
GMX	02544	XTS AWD	T6	48.4	38.78	3,279	0.0039
GMX	02546	XTS HEARSE	T6	48.4	38.78	584	0.0007
GMX	02547	XTS LIMO	T6	48.4	38.78	405	0.0005
GMX	03970	CAMARO	M6	48.4	38.78	2,418	0.0029
GMX	03970	CAMARO	T10	48.4	38.78	2,796	0.0034
GMX	03970	CAMARO	M6	48.6	38.63	6,074	0.0073
GMX	03970	CAMARO	T10	48.6	38.63	471	0.0006
GMX	03970	CAMARO	T8	48.6	38.63	13,000	0.0156

FUEL ECONOMY CALCULATIONS
 DOMESTIC PASSENGER CARS
 REFORMED CAFE CALCULATIONS

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	03973	MALIBU	E6	48.6	38.63	173,596	0.2084
GMX	03973	MALIBU	E9	48.6	38.63	7,467	0.0090
GMX	03973	MALIBU	EV	48.6	38.63	2,913	0.0035
GMX	03970	CAMARO	M6	48.7	38.55	1,974	0.0024
GMX	03970	CAMARO	T8	48.7	38.55	30,193	0.0363
GMX	02548	CTS	T8	49	38.34	334	0.0004
GMX	02549	CTS AWD	T8	49	38.34	413	0.0005
GMX	02548	CTS	T8	49.2	38.19	3,428	0.0041
GMX	02549	CTS AWD	T8	49.2	38.19	3,078	0.0037
GMX	02558	CTS-V	T8	49.2	38.19	1,084	0.0013
GMX	01025	LACROSSE	E6	50.4	37.34	3,310	0.0040
GMX	01025	LACROSSE	T9	50.4	37.34	4,646	0.0056
GMX	01026	LACROSSE AWD	T9	50.4	37.34	1,316	0.0016
GMX	02559	CT6	T8	53.7	35.19	924	0.0011
GMX	02560	CT6 AWD	T8	53.7	35.19	9,364	0.0112

Total Foot Print Volume: 832,833

Target CAFE Un-rounded: 39.8240059

Target CAFE Rounded: 39.8

III. Combined Domestic Light Truck Model Type Information

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.8358/2.8L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
COLORADO 2WD	SMALL P/U 2WD	RWD	E6/2	4500	1062	1.0000	27.6000	42.2000	32.6893	0.0006
			MODEL TYPE TOTALS:		1062		27.6000	42.2000	32.6893	
CANYON 2WD	SMALL P/U 2WD	RWD	E6/2	4500	266	1.0000	27.6000	42.2000	32.6893	0.0002
			MODEL TYPE TOTALS:		266		27.6000	42.2000	32.6893	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT04.3187/4.3L

BASIC ENGINE DETAILS:
DFIY2RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
C15SILVERADO2WD	STD. P/U 2WD	RWD	E6/2	4500	3979	0.1475	22.4000	33.4000	26.2974	
C15SILVERADO2WD	STD. P/U 2WD	RWD	E6/2	5000	22996	0.8523	21.9000	32.8000	25.7509	
C15SILVERADO2WD	STD. P/U 2WD	RWD	E6/2	6000	5	0.0002	18.5000	29.0000	22.1009	
MODEL TYPE TOTALS:					26980		21.9715	32.8863	25.8292	0.0160
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E6/2	4500	495	0.1431	22.4000	33.4000	26.2974	
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E6/2	5000	2963	0.8569	21.9000	32.8000	25.7509	
MODEL TYPE TOTALS:					3458		21.9702	32.8845	25.8277	0.0021

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT05.3382/5.3L

BASIC ENGINE DETAILS:

DFIY2RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
C1500 TAHOE 2WD	STD SUV 2WD	RWD	E6/2	6000	5661	1.0000	19.7000	32.7000	23.9922	
			MODEL TYPE TOTALS:		5661		19.7000	32.7000	23.9922	0.0034
C1500 SUB'N 2WD	STD SUV 2WD	RWD	E6/2	6000	9099	1.0000	19.7000	32.7000	23.9922	
			MODEL TYPE TOTALS:		9099		19.7000	32.7000	23.9922	0.0054
C15SILVERADO2WD	STD. P/U 2WD	RWD	E6/2	5000	639	0.1406	20.6000	32.8000	24.7411	
C15SILVERADO2WD	STD. P/U 2WD	RWD	E6/2	5500	3905	0.8594	20.0000	31.6000	23.9575	
			MODEL TYPE TOTALS:		4544		20.0822	31.7634	24.0647	0.0027
C1500 YUKON 2WD	STD SUV 2WD	RWD	E6/2	6000	391	1.0000	19.7000	32.7000	23.9922	
			MODEL TYPE TOTALS:		391		19.7000	32.7000	23.9922	0.0002
C1500 YUKONXL2W	STD SUV 2WD	RWD	E6/2	6000	2164	1.0000	19.7000	32.7000	23.9922	
			MODEL TYPE TOTALS:		2164		19.7000	32.7000	23.9922	0.0013
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E6/2	5000	60	0.1367	20.6000	32.8000	24.7411	
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E6/2	5500	379	0.8633	20.0000	31.6000	23.9575	

VERSION

FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXT05.3382/5.3L

BASIC ENGINE DETAILS:
DFIY2RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

MODEL TYPE	439	20.0799	31.7588	24.0617	0.0003
TOTALS:					

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT05.3383/5.3L
BASIC ENGINE DETAILS:
DFIY2RWDBOTHAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
C15SILVERADO2WD	STD. P/U 2WD	RWD	E8/2	5500	4208	1.0000	21.9000	32.7000	25.7231	0.0025
					MODEL TYPE TOTALS:		4208	21.9000	32.7000	
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E8/2	5500	1852	1.0000	21.9000	32.7000	25.7231	0.0011
					MODEL TYPE TOTALS:		1852	21.9000	32.7000	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.0300/2.0L
BASIC ENGINE DETAILS:
DFIY4FWDBOTHNONAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
TRAVERSE	STD SUV 2WD	FWD	E9/1	4500	1459	1.0000	25.5000	38.0000	29.9305	
			MODEL TYPE TOTALS:		1459		25.5000	38.0000	29.9305	0.0009

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.5201/2.5L
BASIC ENGINE DETAILS:
DFIY4FWDBOTHNONAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ACADIA FWD	STD SUV 2WD	FWD	E6/3	4000	11762	1.0000	27.4499	38.7494	31.5960	
			MODEL TYPE TOTALS:		11762		27.4499	38.7494	31.5960	0.0070

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXT02.5200/2.5L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
COLORADO 2WD	SMALL P/U 2WD	RWD	E6/2	4000	18651	1.0000	23.7526	33.4570	27.3183	0.0111
			MODEL TYPE TOTALS:		18651		23.7526	33.4570	27.3183	
COLORADO 2WD	SMALL P/U 2WD	RWD	M6/1	4000	2008	1.0000	24.9000	36.2000	28.9693	0.0012
			MODEL TYPE TOTALS:		2008		24.9000	36.2000	28.9693	
CANYON 2WD	SMALL P/U 2WD	RWD	E6/2	4000	3350	1.0000	23.7526	33.4570	27.3183	0.0020
			MODEL TYPE TOTALS:		3350		23.7526	33.4570	27.3183	
CANYON 2WD	SMALL P/U 2WD	RWD	M6/1	4000	489	1.0000	24.9000	36.2000	28.9693	0.0003
			MODEL TYPE TOTALS:		489		24.9000	36.2000	28.9693	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT03.6151/3.6L
BASIC ENGINE DETAILS:
DFIY4FWDBOTHNONAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENCLAVE	STD SUV 2WD	FWD	E9/3	4500	21105	1.0000	22.9000	38.2997	27.9588	0.0125
			MODEL TYPE TOTALS:		21105		22.9000	38.2997	27.9588	
TRAVERSE	STD SUV 2WD	FWD	E9/3	4500	65199	1.0000	22.9000	38.2997	27.9588	0.0387
			MODEL TYPE TOTALS:		65199		22.9000	38.2997	27.9588	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT03.6151/3.6L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
XT5	SMALL SUV 2WD	FWD	T8/2	4000	27655	0.7749	24.6000	37.3000	29.0511	
XT5	SMALL SUV 2WD	FWD	T8/2	4500	8032	0.2251	23.8000	36.4000	28.1913	
			MODEL TYPE TOTALS:		35687		24.4153	37.0935	28.8530	0.0212
ACADIA FWD	STD SUV 2WD	FWD	E6/2	4500	24214	1.0000	22.4000	36.0000	26.9880	
			MODEL TYPE TOTALS:		24214		22.4000	36.0000	26.9880	0.0144

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT03.6162,JGMXT03.6161/3.6L

BASIC ENGINE DETAILS:
DFIY4RWDBOTH,BOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
COLORADO 2WD	SMALL P/U 2WD	RWD	E8/2	4500	29061	1.0000	22.0000	34.5000	26.2857	0.0173
					MODEL TYPE TOTALS:		29061	22.0000	34.5000	
COLORADO CAB CHASSIS 2WD	SPEC. PURP. CC	RWD	E8/2	5000	71	1.0000	18.8000	24.3000	20.9320	0.0000
					MODEL TYPE TOTALS:		71	18.8000	24.3000	
CANYON 2WD	SMALL P/U 2WD	RWD	E8/2	4500	9544	1.0000	22.0000	34.5000	26.2857	0.0057
					MODEL TYPE TOTALS:		9544	22.0000	34.5000	
CANYON CAB CHASSIS 2WD	SPEC. PURP. CC	RWD	E8/2	5000	6	1.0000	18.8000	24.3000	20.9320	0.0000
					MODEL TYPE TOTALS:		6	18.8000	24.3000	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT05.3384/5.3L

BASIC ENGINE DETAILS:

DFIY2RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
C1500 TAHOE 2WD	STD SUV 2WD	RWD	E6/2	6000	24220	1.0000	19.6000	32.0000	23.7396	0.0144
					MODEL TYPE TOTALS:					
C1500 SUB'N 2WD	STD SUV 2WD	RWD	E6/2	6000	9261	1.0000	19.6000	32.0000	23.7396	0.0055
					MODEL TYPE TOTALS:					
C15SILVERADO2WD	STD. P/U 2WD	RWD	E6/2	5000	5910	0.0565	20.4000	32.1000	24.4025	
C15SILVERADO2WD	STD. P/U 2WD	RWD	E6/2	5500	98716	0.9435	20.0000	31.6000	23.9575	0.0621
					MODEL TYPE TOTALS:					
C15SILVERADO2WD	STD. P/U 2WD	RWD	E8/2	5500	1754	1.0000	19.5000	29.7000	23.0645	0.0010
					MODEL TYPE TOTALS:					
C15 SILVERADO 2WD CAB CHASSIS	SPEC. PURP. CC	RWD	E6/2	6000	63	1.0000	19.6000	32.0000	23.7396	0.0000
					MODEL TYPE TOTALS:					
C1500 YUKON 2WD	STD SUV 2WD	RWD	E6/2	6000	8793	1.0000	19.6000	32.0000	23.7396	0.0052
					MODEL TYPE TOTALS:					

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT05.3384/5.3L

BASIC ENGINE DETAILS:

DFIY2RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

C1500 YUKONXL2W	STD SUV 2WD	RWD	E6/2	6000	3921	1.0000	19.6000	32.0000	23.7396	
					MODEL TYPE TOTALS:		19.6000	32.0000	23.7396	0.0023
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E6/2	5000	7512	0.3190	20.4000	32.1000	24.4025	
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E6/2	5500	16039	0.6810	20.0000	31.6000	23.9575	
					MODEL TYPE TOTALS:		20.1259	31.7578	24.0977	0.0140
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E8/2	5500	6795	1.0000	19.5000	29.7000	23.0645	
					MODEL TYPE TOTALS:		19.5000	29.7000	23.0645	0.0040
C15 SIERRA 2WD CAB CHASSIS	SPEC. PURP. CC	RWD	E6/2	6000	2	1.0000	19.6000	32.0000	23.7396	
					MODEL TYPE TOTALS:		19.6000	32.0000	23.7396	0.0000

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT06.2374/6.2L

BASIC ENGINE DETAILS:

DFIY2RWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ESCALADE 2WD	STD SUV 2WD	RWD	E10/2	6000	8780	1.0000	17.7000	31.5000	22.0463	0.0052
					MODEL TYPE TOTALS:		8780	17.7000	31.5000	
C1500 TAHOE 2WD	STD SUV 2WD	RWD	E10/2	6000	1093	1.0000	17.7000	31.5000	22.0463	0.0006
					MODEL TYPE TOTALS:		1093	17.7000	31.5000	
C15SILVERADO2WD	STD. P/U 2WD	RWD	E8/2	5500	1202	1.0000	18.5000	30.1000	22.3814	0.0007
					MODEL TYPE TOTALS:		1202	18.5000	30.1000	
C1500 YUKON 2WD	STD SUV 2WD	RWD	E10/2	6000	5821	1.0000	17.7000	31.5000	22.0463	0.0035
					MODEL TYPE TOTALS:		5821	17.7000	31.5000	
C1500 YUKONXL2W	STD SUV 2WD	RWD	E10/2	6000	2966	1.0000	17.7000	31.5000	22.0463	0.0018
					MODEL TYPE TOTALS:		2966	17.7000	31.5000	
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E8/2	5500	65	0.0657	18.5000	30.1000	22.3814	
C15 SIERRA 2WD	STD. P/U 2WD	RWD	E8/2	6000	925	0.9343	18.2000	28.9000	21.8385	0.0006
					MODEL TYPE TOTALS:		990	18.2194	28.9759	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXJ01.6356/1.6L
BASIC ENGINE DETAILS:
DFIY4AWDBOTHNONAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
EQUINOX AWD	SMALL SUV 4WD	AWD	E6/1	4000	3325	1.0000	36.6000	56.5000	43.4935	0.0020
			MODEL TYPE TOTALS:		3325		36.6000	56.5000	43.4935	
TERRAIN AWD	SMALL SUV 4WD	AWD	E6/1	4000	2299	1.0000	36.6000	56.5000	43.4935	0.0014
			MODEL TYPE TOTALS:		2299		36.6000	56.5000	43.4935	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.8358,JGMXT02.8357/2.8L

BASIC ENGINE DETAILS:

DFIY44WDBOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
COLORADO 4WD	SMALL P/U 4WD	4WD	E6/2	5000	5464	1.0000	24.5576	40.0868	29.7425	0.0032
			MODEL TYPE TOTALS:		5464			24.5576	40.0868	
COLORADO ZR2 4WD	SMALL P/U 4WD	4WD	E6/3	5000	3579	1.0000	23.3000	31.4000	26.3599	0.0021
			MODEL TYPE TOTALS:		3579			23.3000	31.4000	
CANYON 4WD	SMALL P/U 4WD	4WD	E6/2	5000	2931	1.0000	24.5576	40.0868	29.7425	0.0017
			MODEL TYPE TOTALS:		2931			24.5576	40.0868	

VERSION

FUEL ECONOMY CALCULATIONS
 DOMESTIC 4WD TRUCKS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXT04.3187/4.3L
BASIC ENGINE DETAILS:
 DFIY24WDBOTHAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5000	2341	0.1111	21.1000	31.3000	24.7259	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5500	18713	0.8883	20.7000	30.9000	24.3113	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	6000	13	0.0006	18.5000	29.0000	22.1009	
MODEL TYPE TOTALS:					21067		20.7422	30.9427	24.3552	0.0125
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5000	430	0.1309	21.1000	31.3000	24.7259	
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5500	2854	0.8691	20.7000	30.9000	24.3113	
MODEL TYPE TOTALS:					3284		20.7515	30.9518	24.3648	0.0019

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT05.3382/5.3L

BASIC ENGINE DETAILS:

DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
K1500 TAHOE 4WD	STD SUV 4WD	4WD	E6/2	6000	15405	1.0000	19.3000	30.5000	23.1206	
			MODEL TYPE TOTALS:		15405		19.3000	30.5000	23.1206	0.0091
K1500 SUB'N 4WD	STD SUV 4WD	4WD	E6/2	6500	14918	1.0000	19.2500	30.7000	23.1324	
			MODEL TYPE TOTALS:		14918		19.2500	30.7000	23.1324	0.0089
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5000	237	0.0091	18.9467	29.7997	22.6605	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5500	8351	0.3202	19.9000	31.2000	23.7748	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	6000	17490	0.6707	19.3000	30.5000	23.1206	
			MODEL TYPE TOTALS:		26078		19.4848	30.7141	23.3218	0.0155
K1500 YUKONXL4W	STD SUV 4WD	4WD	E6/2	6500	3562	1.0000	19.2500	30.7000	23.1324	
			MODEL TYPE TOTALS:		3562		19.2500	30.7000	23.1324	0.0021
K1500 YUKON 4WD	STD SUV 4WD	4WD	E6/2	6000	2083	1.0000	19.3000	30.5000	23.1206	
			MODEL TYPE TOTALS:		2083		19.3000	30.5000	23.1206	0.0012
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5000	17	0.0063	18.9467	29.7997	22.6605	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXT05.3382/5.3L

BASIC ENGINE DETAILS:
DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5500	715	0.2649	19.9000	31.2000	23.7748	
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	6000	1967	0.7288	19.3000	30.5000	23.1206	
MODEL TYPE TOTALS:					2699		19.4531	30.6778	23.2874	0.0016

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXT05.3383/5.3L

BASIC ENGINE DETAILS:

DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E8/2	6000	5778	1.0000	20.0315	28.7622	23.2006	0.0034
					MODEL TYPE TOTALS:		5778	20.0315	28.7622	
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E8/2	6000	2803	1.0000	20.0315	28.7622	23.2006	0.0017
					MODEL TYPE TOTALS:		2803	20.0315	28.7622	

VERSION

FUEL ECONOMY CALCULATIONS
 DOMESTIC 4WD TRUCKS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV01.4001/1.4L

BASIC ENGINE DETAILS:

DFIY2AWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENCORE AWD	SMALL SUV 4WD	AWD	T6/2	3500	1184	1.0000	31.5913	43.9690	36.1738	
			MODEL TYPE TOTALS:		1184		31.5913	43.9690	36.1738	0.0007

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV01.4099/1.4L

BASIC ENGINE DETAILS:

SPIY4AWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENCORE AWD	SMALL SUV 4WD	AWD	T6/2	3500	19864	1.0000	31.0000	43.7000	35.6641	0.0118
					MODEL TYPE TOTALS:		19864	31.0000	43.7000	
TRAX AWD	SMALL SUV 4WD	AWD	T6/2	3500	34321	1.0000	31.0000	43.7000	35.6641	0.0204
					MODEL TYPE TOTALS:		34321	31.0000	43.7000	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT01.5095,JGMXT01.5090/1.5L

BASIC ENGINE DETAILS:

DFIY2AWDBOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
EQUINOX AWD	SMALL SUV 4WD	AWD	E6/2	3500	104377	0.8476	31.5000	42.6000	35.6841	
EQUINOX AWD	SMALL SUV 4WD	AWD	E6/2	4000	18762	0.1524	31.5000	42.5000	35.6525	
			MODEL TYPE TOTALS:		123139		31.5000	42.5847	35.6793	0.0731
TERRAIN AWD	SMALL SUV 4WD	AWD	E9/2	4000	21461	1.0000	31.5000	41.4000	35.2984	
			MODEL TYPE TOTALS:		21461		31.5000	41.4000	35.2984	0.0127

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.0100,JGMXT02.0150/2.0L

BASIC ENGINE DETAILS:

DFIY4AWDBOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENVISION AWD	SMALL SUV 4WD	AWD	E6/1	4500	3454	1.0000	25.1920	36.0841	29.1518	0.0021
					MODEL TYPE TOTALS:		3454	25.1920	36.0841	
EQUINOX AWD	SMALL SUV 4WD	AWD	E9/1	4000	28168	1.0000	27.4000	40.6000	32.0958	0.0167
					MODEL TYPE TOTALS:		28168	27.4000	40.6000	
TERRAIN AWD	SMALL SUV 4WD	AWD	E9/1	4000	20111	1.0000	27.4000	40.6000	32.0958	0.0119
					MODEL TYPE TOTALS:		20111	27.4000	40.6000	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.5201,JGMXT02.5200/2.5L

BASIC ENGINE DETAILS:

DFIY44WDBOTH,BOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENVISION AWD	SMALL SUV 4WD	AWD	E6/2	4000	4769	1.0000	27.0000	38.8000	31.2810	0.0028
					MODEL TYPE TOTALS:		4769	27.0000	38.8000	
COLORADO 4WD	SMALL P/U 4WD	4WD	E6/2	4500	2924	1.0000	23.0323	32.3235	26.4541	0.0017
					MODEL TYPE TOTALS:		2924	23.0323	32.3235	
CANYON 4WD	SMALL P/U 4WD	4WD	E6/2	4500	325	1.0000	23.0323	32.3235	26.4541	0.0002
					MODEL TYPE TOTALS:		325	23.0323	32.3235	
ACADIA AWD	STD SUV 4WD	AWD	E6/3	4500	4124	1.0000	26.5499	37.4494	30.5512	0.0024
					MODEL TYPE TOTALS:		4124	26.5499	37.4494	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXT03.6151/3.6L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENCLAVE AWD	STD SUV 4WD	AWD	E9/3	5000	21495	1.0000	21.3000	35.1000	25.8785	
			MODEL TYPE TOTALS:		21495		21.3000	35.1000	25.8785	0.0128
TRAVERSE AWD	STD SUV 4WD	AWD	E9/3	4500	4447	0.0725	22.1000	36.4000	26.8460	
TRAVERSE AWD	STD SUV 4WD	AWD	E9/3	5000	56911	0.9275	21.3000	35.1000	25.8785	
			MODEL TYPE TOTALS:		61358		21.3560	35.1911	25.9463	0.0364

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT03.6161,JGMXT03.6162,JGMXT03.6151/3.6L

BASIC ENGINE DETAILS:

DFIY44WDBOTH,BOTH,BOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
XT5 AWD	SMALL SUV 4WD	AWD	T8/2	4500	24666	1.0000	23.0000	35.6000	27.3572	0.0146
					MODEL TYPE TOTALS:		24666	23.0000	35.6000	
COLORADO 4WD	SMALL P/U 4WD	4WD	E8/2	4500	59559	1.0000	20.8000	32.9000	24.9252	0.0354
					MODEL TYPE TOTALS:		59559	20.8000	32.9000	
COLORADO ZR2 4WD	SMALL P/U 4WD	4WD	E8/2	5000	9390	1.0000	19.5000	27.0000	22.2857	0.0056
					MODEL TYPE TOTALS:		9390	19.5000	27.0000	
CANYON 4WD	SMALL P/U 4WD	4WD	E8/2	4500	18349	1.0000	20.8000	32.9000	24.9252	0.0109
					MODEL TYPE TOTALS:		18349	20.8000	32.9000	
ACADIA AWD	STD SUV 4WD	AWD	E6/2	4500	34434	1.0000	21.8000	34.8000	26.2052	0.0204
					MODEL TYPE TOTALS:		34434	21.8000	34.8000	

VERSION

FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT

BASIC ENGINE: JGMXT05.3384/5.3L

BASIC ENGINE DETAILS:

DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
K1500 TAHOE 4WD	STD SUV 4WD	4WD	E6/2	6000	33552	1.0000	19.3428	30.6276	23.1874	0.0199
					MODEL TYPE TOTALS:					
K1500 SUB'N 4WD	STD SUV 4WD	4WD	E6/2	6500	21034	1.0000	18.8500	29.4000	22.4801	0.0125
					MODEL TYPE TOTALS:					
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5000	2709	0.0101	19.5000	31.1000	23.4332	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5500	92251	0.3434	19.9333	31.2991	23.8268	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	6000	173673	0.6465	19.3428	30.6276	23.1874	0.1595
					MODEL TYPE TOTALS:					
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E8/2	6000	28573	1.0000	18.7000	28.6000	22.1503	0.0170
					MODEL TYPE TOTALS:					
K15 SILVERADO 4WD CAB CHASSIS	SPEC. PURP. CC	4WD	E6/2	6000	26	1.0000	19.3428	30.6276	23.1874	0.0000
					MODEL TYPE TOTALS:					
K1500 YUKONXL4W	STD SUV 4WD	4WD	E6/2	6500	6048	1.0000	18.8500	29.4000	22.4801	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXT05.3384/5.3L

BASIC ENGINE DETAILS:

DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

			MODEL TYPE TOTALS:	6048			18.8500	29.4000	22.4801	0.0036
K1500 YUKON 4WD	STD SUV 4WD	4WD	E6/2	6000	11542	1.0000	19.3428	30.6276	23.1874	
			MODEL TYPE TOTALS:	11542			19.3428	30.6276	23.1874	0.0069
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5000	639	0.0116	19.5000	31.1000	23.4332	
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5500	17595	0.3185	19.9333	31.2991	23.8268	
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	6000	37001	0.6699	19.3428	30.6276	23.1874	
			MODEL TYPE TOTALS:	55235			19.5289	30.8438	23.3902	0.0328
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E8/2	6000	50366	1.0000	18.7000	28.6000	22.1503	
			MODEL TYPE TOTALS:	50366			18.7000	28.6000	22.1503	0.0299
K15 SIERRA 4WD CAB CHASSIS	SPEC. PURP. CC	4WD	E6/2	6000	5	1.0000	19.3428	30.6276	23.1874	
			MODEL TYPE TOTALS:	5			19.3428	30.6276	23.1874	0.0000

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT06.2374/6.2L
BASIC ENGINE DETAILS:
DFIY24WDBOTHAFM/GAS
MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ESCALADE 4WD	STD SUV 4WD	4WD	E10/2	6000	14428	0.5743	17.7000	30.5000	21.8209	
ESCALADE 4WD	STD SUV 4WD	4WD	E10/2	6500	10694	0.4257	16.9000	28.8000	20.7601	
			MODEL TYPE TOTALS:		25122		17.3504	29.7524	21.3563	0.0149
K1500 TAHOE 4WD	STD SUV 4WD	4WD	E10/2	6000	4830	1.0000	17.7000	30.5000	21.8209	
			MODEL TYPE TOTALS:		4830		17.7000	30.5000	21.8209	0.0029
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E8/2	6000	19332	1.0000	18.4000	28.2000	21.8108	
			MODEL TYPE TOTALS:		19332		18.4000	28.2000	21.8108	0.0115
K1500 YUKONXL4W	STD SUV 4WD	4WD	E10/2	6500	13059	1.0000	16.9000	28.8000	20.7601	
			MODEL TYPE TOTALS:		13059		16.9000	28.8000	20.7601	0.0078
K1500 YUKON 4WD	STD SUV 4WD	4WD	E10/2	6000	18753	1.0000	17.7000	30.5000	21.8209	
			MODEL TYPE TOTALS:		18753		17.7000	30.5000	21.8209	0.0111
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E8/2	6000	33407	1.0000	18.4000	28.2000	21.8108	
			MODEL TYPE TOTALS:		33407		18.4000	28.2000	21.8108	0.0198

CAFE SUMMARY REPORT

Base Level Summary Name	2018 MIDMYR TRUCK CAFE V3	Model Year	2018
Version	1	FE Compliance Class	
		Region	US
		Run Date	07-30-18 13:10

Description	Gas	Alt
Total Volume	1684455	1684455
Tested Volume	1523447	1523447
% Tested	90	90
Needed Volume	-15860	-15860
Un-rounded CAFE(Calculated to EPA Rules)	25.4653288	26.3954144
Un-rounded CAFE with AMFA	25.8653288	
TPA	0	
UnRounded CAFE with AMFA(Usable) & TPA	25.8653288	
Rounded CAFE with AMFA & TPA	25.9	
Target CAFE Un-rounded	27.8961313	
Target CAFE Rounded	27.9	
CAFE MPG Standard		
Used AMFA Credits	0.4	

CAFE Summary Details	Gas	Alt
Number of Model Types	92	92
Number of Base Levels	60	60
Number of Vehicle Configurations Tested	66	66
Number of Vehicle Configurations Untested	28	28
Number of Footprints	18	18

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
REFORMED CAFE CALCULATIONS**

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	01118	ENCORE AWD	T6	42.3	36.41	21,048	0.0125
GMX	03949	TRAX AWD	T6	42.3	36.41	34,321	0.0204
GMX	03982	EQUINOX AWD	E6	46.4	33.72	126,464	0.0751
GMX	03982	EQUINOX AWD	E9	46.4	33.72	28,168	0.0167
GMX	04944	TERRAIN AWD	E6	46.4	33.72	2,299	0.0014
GMX	04944	TERRAIN AWD	E9	46.4	33.72	41,572	0.0247
GMX	01121	ENVISION AWD	E6	47.1	33.3	8,223	0.0049
GMX	02561	XT5	T8	50.6	31.34	35,687	0.0212
GMX	02562	XT5 AWD	T8	50.6	31.34	24,666	0.0146
GMX	04941	ACADIA FWD	E6	50.6	31.34	35,976	0.0214
GMX	04942	ACADIA AWD	E6	50.6	31.34	38,558	0.0229
GMX	02516	ESCALADE 2WD	E10	54.5	29.41	5,413	0.0032
GMX	02511	ESCALADE 4WD	E10	55.1	29.14	14,428	0.0086
GMX	03024	C1500 TAHOE 2WD	E10	55.4	29	1,093	0.0006
GMX	03024	C1500 TAHOE 2WD	E6	55.4	29	29,881	0.0177
GMX	03077	K1500 TAHOE 4WD	E10	55.4	29	4,830	0.0029
GMX	03077	K1500 TAHOE 4WD	E6	55.4	29	48,957	0.0291
GMX	04034	C1500 YUKON 2WD	E10	55.4	29	5,821	0.0035
GMX	04034	C1500 YUKON 2WD	E6	55.4	29	9,184	0.0055
GMX	04065	K1500 YUKON 4WD	E10	55.4	29	18,753	0.0111
GMX	04065	K1500 YUKON 4WD	E6	55.4	29	13,625	0.0081
GMX	03964	COLORADO 2WD	E6	55.6	28.91	19,651	0.0117
GMX	03964	COLORADO 2WD	E8	55.6	28.91	28,153	0.0167

VERSION

FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXT05.3384/5.3L

BASIC ENGINE DETAILS:

DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
K1500 TAHOE 4WD	STD SUV 4WD	4WD	E6/2	6000	33552	1.0000	19.3428	30.6276	23.1874	
			MODEL TYPE TOTALS:		33552		19.3428	30.6276	23.1874	0.0199
K1500 SUB'N 4WD	STD SUV 4WD	4WD	E6/2	6500	21034	1.0000	18.8500	29.4000	22.4801	
			MODEL TYPE TOTALS:		21034		18.8500	29.4000	22.4801	0.0125
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5000	2709	0.0101	19.5000	31.1000	23.4332	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	5500	92251	0.3434	19.9333	31.2991	23.8268	
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E6/2	6000	173673	0.6465	19.3428	30.6276	23.1874	
			MODEL TYPE TOTALS:		268633		19.5432	30.8597	23.4056	0.1595
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E8/2	6000	28573	1.0000	18.7000	28.6000	22.1503	
			MODEL TYPE TOTALS:		28573		18.7000	28.6000	22.1503	0.0170
K15 SILVERADO 4WD CAB CHASSIS	SPEC. PURP. CC	4WD	E6/2	6000	26	1.0000	19.3428	30.6276	23.1874	
			MODEL TYPE TOTALS:		26		19.3428	30.6276	23.1874	0.0000
K1500 YUKONXL4W	STD SUV 4WD	4WD	E6/2	6500	6048	1.0000	18.8500	29.4000	22.4801	

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXT05.3384/5.3L

BASIC ENGINE DETAILS:

DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

			MODEL TYPE TOTALS:	6048		18.8500	29.4000	22.4801	0.0036
K1500 YUKON 4WD	STD SUV 4WD	4WD	E6/2	6000	11542	1.0000	19.3428	30.6276	23.1874
			MODEL TYPE TOTALS:	11542		19.3428	30.6276	23.1874	0.0069
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5000	639	0.0116	19.5000	31.1000	23.4332
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	5500	17595	0.3185	19.9333	31.2991	23.8268
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E6/2	6000	37001	0.6699	19.3428	30.6276	23.1874
			MODEL TYPE TOTALS:	55235		19.5289	30.8438	23.3902	0.0328
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E8/2	6000	50366	1.0000	18.7000	28.6000	22.1503
			MODEL TYPE TOTALS:	50366		18.7000	28.6000	22.1503	0.0299
K15 SIERRA 4WD CAB CHASSIS	SPEC. PURP. CC	4WD	E6/2	6000	5	1.0000	19.3428	30.6276	23.1874
			MODEL TYPE TOTALS:	5		19.3428	30.6276	23.1874	0.0000

VERSION

**FUEL ECONOMY CALCULATIONS
DOMESTIC 4WD TRUCKS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT06.2374/6.2L

BASIC ENGINE DETAILS:
DFIY24WDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ESCALADE 4WD	STD SUV 4WD	4WD	E10/2	6000	14428	0.5743	17.7000	30.5000	21.8209	
ESCALADE 4WD	STD SUV 4WD	4WD	E10/2	6500	10694	0.4257	16.9000	28.8000	20.7601	
			MODEL TYPE TOTALS:		25122		17.3504	29.7524	21.3563	0.0149
K1500 TAHOE 4WD	STD SUV 4WD	4WD	E10/2	6000	4830	1.0000	17.7000	30.5000	21.8209	
			MODEL TYPE TOTALS:		4830		17.7000	30.5000	21.8209	0.0029
K15 SLVRADO 4WD	STD. P/U 4WD	4WD	E8/2	6000	19332	1.0000	18.4000	28.2000	21.8108	
			MODEL TYPE TOTALS:		19332		18.4000	28.2000	21.8108	0.0115
K1500 YUKONXL4W	STD SUV 4WD	4WD	E10/2	6500	13059	1.0000	16.9000	28.8000	20.7601	
			MODEL TYPE TOTALS:		13059		16.9000	28.8000	20.7601	0.0078
K1500 YUKON 4WD	STD SUV 4WD	4WD	E10/2	6000	18753	1.0000	17.7000	30.5000	21.8209	
			MODEL TYPE TOTALS:		18753		17.7000	30.5000	21.8209	0.0111
K15 SIERRA 4WD	STD. P/U 4WD	4WD	E8/2	6000	33407	1.0000	18.4000	28.2000	21.8108	
			MODEL TYPE TOTALS:		33407		18.4000	28.2000	21.8108	0.0198

CAFE SUMMARY REPORT

Base Level Summary Name 2018 MIDMYR TRUCK CAFE V3 **Model Year** 2018 **Region** US
Version 1 **FE Compliance Class** **Run Date** 07-30-18 13:10

Description	Gas	Alt
Total Volume	1684455	1684455
Tested Volume	1523447	1523447
% Tested	90	90
Needed Volume	-15860	-15860
Un-rounded CAFE(Calculated to EPA Rules)	25.4653288	26.3954144
Un-rounded CAFE with AMFA	25.8653288	
TPA	0	
UnRounded CAFE with AMFA(Usable) & TPA	25.8653288	
Rounded CAFE with AMFA & TPA	25.9	
Target CAFE Un-rounded	27.8961313	
Target CAFE Rounded	27.9	
CAFE MPG Standard		
Used AMFA Credits	0.4	

CAFE Summary Details	Gas	Alt
Number of Model Types	92	92
Number of Base Levels	60	60
Number of Vehicle Configurations Tested	66	66
Number of Vehicle Configurations Untested	28	28
Number of Footprints	18	18

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
REFORMED CAFE CALCULATIONS**

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	01118	ENCORE AWD	T6	42.3	36.41	21,048	0.0125
GMX	03949	TRAX AWD	T6	42.3	36.41	34,321	0.0204
GMX	03982	EQUINOX AWD	E6	46.4	33.72	126,464	0.0751
GMX	03982	EQUINOX AWD	E9	46.4	33.72	28,168	0.0167
GMX	04944	TERRAIN AWD	E6	46.4	33.72	2,299	0.0014
GMX	04944	TERRAIN AWD	E9	46.4	33.72	41,572	0.0247
GMX	01121	ENVISION AWD	E6	47.1	33.3	8,223	0.0049
GMX	02561	XT5	T8	50.6	31.34	35,687	0.0212
GMX	02562	XT5 AWD	T8	50.6	31.34	24,666	0.0146
GMX	04941	ACADIA FWD	E6	50.6	31.34	35,976	0.0214
GMX	04942	ACADIA AWD	E6	50.6	31.34	38,558	0.0229
GMX	02516	ESCALADE 2WD	E10	54.5	29.41	5,413	0.0032
GMX	02511	ESCALADE 4WD	E10	55.1	29.14	14,428	0.0086
GMX	03024	C1500 TAHOE 2WD	E10	55.4	29	1,093	0.0006
GMX	03024	C1500 TAHOE 2WD	E6	55.4	29	29,881	0.0177
GMX	03077	K1500 TAHOE 4WD	E10	55.4	29	4,830	0.0029
GMX	03077	K1500 TAHOE 4WD	E6	55.4	29	48,957	0.0291
GMX	04034	C1500 YUKON 2WD	E10	55.4	29	5,821	0.0035
GMX	04034	C1500 YUKON 2WD	E6	55.4	29	9,184	0.0055
GMX	04065	K1500 YUKON 4WD	E10	55.4	29	18,753	0.0111
GMX	04065	K1500 YUKON 4WD	E6	55.4	29	13,625	0.0081
GMX	03964	COLORADO 2WD	E6	55.6	28.91	19,651	0.0117
GMX	03964	COLORADO 2WD	E8	55.6	28.91	28,153	0.0167

FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
REFORMED CAFE CALCULATIONS

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	03964	COLORADO 2WD	M6	55.6	28.91	2,008	0.0012
GMX	03965	COLORADO 4WD	E6	55.6	28.91	8,310	0.0049
GMX	03965	COLORADO 4WD	E8	55.6	28.91	57,964	0.0344
GMX	03966	COLORADO CAB CHASSIS 2WD	E8	55.6	28.91	71	0.0000
GMX	03985	COLORADO ZR2 4WD	E6	55.6	28.91	3,579	0.0021
GMX	03985	COLORADO ZR2 4WD	E8	55.6	28.91	9,390	0.0056
GMX	04936	CANYON 2WD	E6	55.6	28.91	3,609	0.0021
GMX	04936	CANYON 2WD	E8	55.6	28.91	9,393	0.0056
GMX	04936	CANYON 2WD	M6	55.6	28.91	489	0.0003
GMX	04937	CANYON 4WD	E6	55.6	28.91	3,256	0.0019
GMX	04937	CANYON 4WD	E8	55.6	28.91	18,349	0.0109
GMX	04938	CANYON CAB CHASSIS 2WD	E8	55.6	28.91	6	0.0000
GMX	03915	C15SILVERADO2WD	E6	56.4	28.56	5,854	0.0035
GMX	03930	K15 SLVRADO 4WD	E6	56.4	28.56	3,915	0.0023
GMX	04910	C15 SIERRA 2WD	E6	56.4	28.56	900	0.0005
GMX	04920	K15 SIERRA 4WD	E6	56.4	28.56	785	0.0005
GMX	01123	ENCLAVE	E9	56.8	28.38	21,105	0.0125
GMX	01124	ENCLAVE AWD	E9	56.8	28.38	21,495	0.0128
GMX	03983	TRAVERSE	E9	56.8	28.38	66,658	0.0396
GMX	03984	TRAVERSE AWD	E9	56.8	28.38	61,358	0.0364
GMX	03964	COLORADO 2WD	E6	60.9	26.76	62	0.0000
GMX	03964	COLORADO 2WD	E8	60.9	26.76	908	0.0005
GMX	03965	COLORADO 4WD	E6	60.9	26.76	78	0.0000

**FUEL ECONOMY CALCULATIONS
DOMESTIC 2WD TRUCKS
REFORMED CAFE CALCULATIONS**

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	03965	COLORADO 4WD	E8	60.9	26.76	1,595	0.0009
GMX	04936	CANYON 2WD	E6	60.9	26.76	7	0.0000
GMX	04936	CANYON 2WD	E8	60.9	26.76	151	0.0001
GMX	02511	ESCALADE 4WD	E10	61.8	26.47	10,694	0.0063
GMX	02516	ESCALADE 2WD	E10	62	26.41	3,367	0.0020
GMX	03066	C1500 SUB'N 2WD	E6	62.1	26.38	18,360	0.0109
GMX	03082	K1500 SUB'N 4WD	E6	62.1	26.38	35,952	0.0213
GMX	04055	C1500 YUKONXL2W	E10	62.1	26.38	2,966	0.0018
GMX	04055	C1500 YUKONXL2W	E6	62.1	26.38	6,085	0.0036
GMX	04063	K1500 YUKONXL4W	E10	62.1	26.38	13,059	0.0078
GMX	04063	K1500 YUKONXL4W	E6	62.1	26.38	9,610	0.0057
GMX	03915	C15SILVERADO2WD	E6	63	26.09	11,886	0.0071
GMX	03930	K15 SLVRADO 4WD	E6	63	26.09	5,196	0.0031
GMX	03967	K15 SILVERADO 4WD CAB CHASSIS	E6	63	26.09	26	0.0000
GMX	03968	C15 SILVERADO 2WD CAB CHASSIS	E6	63	26.09	63	0.0000
GMX	04910	C15 SIERRA 2WD	E6	63	26.09	8,245	0.0049
GMX	04920	K15 SIERRA 4WD	E6	63	26.09	1,281	0.0008
GMX	04939	K15 SIERRA 4WD CAB CHASSIS	E6	63	26.09	5	0.0000
GMX	04940	C15 SIERRA 2WD CAB CHASSIS	E6	63	26.09	2	0.0000
GMX	04910	C15 SIERRA 2WD	E6	67.7	25.2	13,877	0.0082
GMX	04910	C15 SIERRA 2WD	E8	67.7	25.2	9,606	0.0057
GMX	03915	C15SILVERADO2WD	E6	68	25.2	113,001	0.0671
GMX	03915	C15SILVERADO2WD	E8	68	25.2	6,941	0.0041

FUEL ECONOMY CALCULATIONS
 DOMESTIC 2WD TRUCKS
 REFORMED CAFE CALCULATIONS

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	03930	K15 SLVRADO 4WD	E6	68	25.2	287,366	0.1706
GMX	03930	K15 SLVRADO 4WD	E8	68	25.2	49,060	0.0291
GMX	04910	C15 SIERRA 2WD	E6	68	25.2	4,389	0.0026
GMX	04910	C15 SIERRA 2WD	E8	68	25.2	31	0.0000
GMX	04920	K15 SIERRA 4WD	E6	68	25.2	56,274	0.0334
GMX	04920	K15 SIERRA 4WD	E8	68	25.2	79,504	0.0472
GMX	03915	C15SILVERADO2WD	E6	72.5	25.2	5,409	0.0032
GMX	03915	C15SILVERADO2WD	E8	72.5	25.2	223	0.0001
GMX	03930	K15 SLVRADO 4WD	E6	72.5	25.2	19,301	0.0115
GMX	03930	K15 SLVRADO 4WD	E8	72.5	25.2	4,623	0.0027
GMX	04910	C15 SIERRA 2WD	E6	72.5	25.2	37	0.0000
GMX	04920	K15 SIERRA 4WD	E6	72.5	25.2	2,878	0.0017
GMX	04920	K15 SIERRA 4WD	E8	72.5	25.2	7,072	0.0042

Total Foot Print Volume: 1,684,455

Target CAFE Un-rounded: 27.8961313

Target CAFE Rounded: 27.9

IV. Import Passenger Automobile Model Type Information

**FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV02.0050/2.0L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CT6 PLUG-IN	MIDSIZE	RWD	EV/3	4500	213	1.0000	38.2181	43.5624	40.4513	
			MODEL TYPE TOTALS:		213		38.2181	43.5624	40.4513	0.0013

VERSION

**FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV01.4050/1.4L

BASIC ENGINE DETAILS:

SFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
SPARK	SUBCOMPACT	FWD	EV/1	2500	11236	1.0000	39.7898	55.1665	45.4964	
			MODEL TYPE TOTALS:		11236		39.7898	55.1665	45.4964	0.0699
SPARK	SUBCOMPACT	FWD	M5/1	2500	893	1.0000	38.9000	56.9000	45.3568	
			MODEL TYPE TOTALS:		893		38.9000	56.9000	45.3568	0.0056
SPARK ACTIV	SUBCOMPACT	FWD	EV/1	2500	291	1.0000	39.7898	55.1665	45.4964	
			MODEL TYPE TOTALS:		291		39.7898	55.1665	45.4964	0.0018
SPARK ACTIV	SUBCOMPACT	FWD	M5/1	2500	38	1.0000	38.9000	56.9000	45.3568	
			MODEL TYPE TOTALS:		38		38.9000	56.9000	45.3568	0.0002

VERSION

**FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE: JGMXV01.4001/1.4L

BASIC ENGINE DETAILS:

DFIY2FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENCORE FWD	SMALL SUV 2WD	FWD	T6/2	3500	1090	1.0000	35.8444	48.3000	40.5501	
MODEL TYPE TOTALS:					1090		35.8444	48.3000	40.5501	0.0068

VERSION

**FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV01.4099/1.4L

BASIC ENGINE DETAILS:

SPIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENCORE FWD	SMALL SUV 2WD	FWD	T6/2	3500	59473	1.0000	32.2507	46.4396	37.3917	0.3697
					MODEL TYPE TOTALS:		59473	32.2507	46.4396	
TRAX	SMALL SUV 2WD	FWD	T6/2	3500	51238	1.0000	32.2507	46.4396	37.3917	0.3185
					MODEL TYPE TOTALS:		51238	32.2507	46.4396	

VERSION

FUEL ECONOMY CALCULATIONS
 IMPORT PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV01.6001/1.6L

BASIC ENGINE DETAILS:

DFIY4RWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
CASCADA	SUBCOMPACT	RWD	T6/2	4000	2833	1.0000	25.3154	41.0663	30.5962	
			MODEL TYPE TOTALS:		2833		25.3154	41.0663	30.5962	0.0176

VERSION

**FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV02.0031/2.0L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
REGAL	LARGE	FWD	T9/2	3500	3280	0.4085	29.7000	46.2000	35.3872	
REGAL	LARGE	FWD	T9/2	4000	4750	0.5915	27.9000	45.8000	33.8540	
MODEL TYPE TOTALS:					8030		28.6083	45.9626	34.4640	0.0499

FUEL ECONOMY CALCULATIONS
 IMPORT PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV02.0031/2.0L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
REGAL TOURX AWD	SMALL WAGON	AWD	T8/2	4000	6103	1.0000	27.0293	41.8294	32.1478	
			MODEL TYPE TOTALS:		6103		27.0293	41.8294	32.1478	0.0379
REGAL AWD	LARGE	AWD	T8/2	4000	1055	1.0000	27.0293	41.8294	32.1478	
			MODEL TYPE TOTALS:		1055		27.0293	41.8294	32.1478	0.0066

VERSION

**FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXT02.5200/2.5L

BASIC ENGINE DETAILS:

DFIY4FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
ENVISION FWD	SMALL SUV 2WD	FWD	E6/2	4000	7887	1.0000	28.1000	41.3485	32.8342	
MODEL TYPE TOTALS:					7887		28.1000	41.3485	32.8342	0.0490

VERSION

FUEL ECONOMY CALCULATIONS
 IMPORT PASSENGER CARS
 DOT MID- MODEL YEAR REPORT

BASIC ENGINE:JGMXV03.6165/3.6L

BASIC ENGINE DETAILS:

DFIY4AWDBOTHAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
REGAL AWD	LARGE	AWD	T9/2	4000	590	1.0000	25.5000	39.6000	30.3654	
MODEL TYPE TOTALS:					590		25.5000	39.6000	30.3654	0.0037

VERSION

**FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
DOT MID- MODEL YEAR REPORT**

BASIC ENGINE:JGMXV00.0002/0.0L

BASIC ENGINE DETAILS:

ELECY0FWDBOTHNONAFM/GAS

MODEL TYPE CALCULATIONS

CARLINE	CLASS	DRV SYS	TRANS/ #MODES	INT WGT	SALES	SALES FRAC	UNADJUSTED MPG			FRACTION OF TOTAL PRODUCTION
							CITY	HWY	COMB	
BOLT EV	SMALL WAGON	FWD	EV/2	4000	9879	1.0000	414.0000	414.0000	414.0000	
MODEL TYPE TOTALS:					9879		414.0000	414.0000	414.0000	0.0614

CAFE SUMMARY REPORT

Base Level Summary Name 2018 MIDMYR IMPORT CAR CAFE
Version 1

Model Year 2018
FE Compliance Class IMPORT CAR

Region US
Run Date 07-26-18 14:47

Description	Gas	Alt
Total Volume	160849	160849
Tested Volume	160849	160636
% Tested	100	100
Needed Volume	-16889	-16676
Un-rounded CAFE(Calculated to EPA Rules)	39.2487473	39.2471395
Un-rounded CAFE with AMFA	39.2487473	
TPA	0.2696	
UnRounded CAFE with AMFA(Usable) & TPA	39.5183473	
Rounded CAFE with AMFA & TPA	39.5	
Target CAFE Un-rounded	43.1378737	
Target CAFE Rounded	43.1	
CAFE MPG Standard	38	
Used AMFA Credits	0	

CAFE Summary Details	Gas	Alt
Number of Model Types	15	15
Number of Base Levels	12	12
Number of Vehicle Configurations Tested	13	12
Number of Vehicle Configurations Untested	0	1
Number of Footprints	8	8

FUEL ECONOMY CALCULATIONS
IMPORT PASSENGER CARS
REFORMED CAFE CALCULATIONS

Carline Manufacturer Code	Carline Code	Carline Name	Trans Class Name	FootPrint	FootPrint MPG	FootPrint Volume	FootPrint %
GMX	03971	SPARK	EV	36.3	45.21	11,236	0.0699
GMX	03971	SPARK	M5	36.3	45.21	893	0.0056
GMX	03980	SPARK ACTIV	EV	36.3	45.21	291	0.0018
GMX	03980	SPARK ACTIV	M5	36.3	45.21	38	0.0002
GMX	03975	BOLT EV	EV	42.2	44.02	9,879	0.0614
GMX	01117	ENCORE FWD	T6	42.3	43.92	60,563	0.3765
GMX	03948	TRAX	T6	42.3	43.92	51,238	0.3185
GMX	01122	CASCADA	T6	46.1	40.57	2,833	0.0176
GMX	01120	ENVISION FWD	E6	46.8	40.01	2,024	0.0126
GMX	01120	ENVISION FWD	E6	47.1	39.77	5,863	0.0365
GMX	01125	REGAL TOURX AWD	T8	48.7	38.55	6,103	0.0379
GMX	01126	REGAL	T9	48.7	38.55	8,030	0.0499
GMX	01127	REGAL AWD	T8	48.7	38.55	1,055	0.0066
GMX	01127	REGAL AWD	T9	48.7	38.55	590	0.0037
GMX	02563	CT6 PLUG-IN	EV	53.7	35.19	213	0.0013

Total Foot Print Volume: 160,849

Target CAFE Un-rounded: 43.1378737

Target CAFE Rounded: 43.1

V. Supplemental Information and Coding Conventions

ATTACHMENT V

Supplemental Information and Coding Conventions

1. In the Model Type Report, INT WGT refers to a sales-weighted inertia weight.
2. Carburetor coding using the following abbreviations:

DFI	-	Direct Fuel Injection, 4 valve
MPI	-	Multi Port Fuel Injection
SPI	-	Sequential Fuel Injection, 2 valve
IFI	-	Indirect Fuel Injection (diesel)
3. DRV SYS indicates whether the vehicle is two or four wheel drive or front or rear wheel drive.
4. TR refers to the basic transmission class. The first character designates the transmission type, i.e.,

A	-	Automatic Transmission without a Locking Torque Converter
L	-	Automatic Transmission with a Locking Torque Converter
M	-	Manual Transmission
S	-	Manual Transmission with Shift Indicator Light
E	-	Electronic Auto Transmission with a Locking Torque Converter
T	-	Automatic Transmission with Tap mode

The second character designates the number of forward gears.
5. #Modes refers to how many modes the transmission is equipped with.
6. Attachment VI of the Mid-Model Year Report provides the information requested by Section 537.7(c)(5).
7. FFS indicates the presence of a feed back fuel system.

VI. Light Truck Off-Highway Vehicle Information

2018 Truck Off-Highway Information

Model	Open Pickup Box?	At least 3 Rows	Does Cargo > Pass Volume?	Designed to transport > 10 people	Does Vehicle meet 4 of 5 ground clearance criteria?	Angle of Approach (Curb) not <20 degrees	Angle of Departure (Curb) not < 20 degrees	Ramp Breakover Angle (Curb) not < 14 degrees	Ground Clearance not < 20cm	Suspension Or Axle to Ground - Front not < 18 cm	Suspension Or Axle to Ground - Rear not < 18cm	Tire Size - Front	Tire Size - Rear	Base Tire RPO
Silverado 5' 8" Box 2WD	Yes											P255/70R17	P255/70R17	RBZ
Silverado 5' 8" Box 4WD	Yes											P255/70R17	P255/70R17	RBZ
Silverado 6'6" Box 2WD	Yes											P255/70R17	P255/70R17	RBZ
Silverado 6'6" Box 4WD	Yes											P255/70R17	P255/70R17	RBZ
Silverado 8' Box 2WD	Yes											P255/70R17	P255/70R17	RBZ
Silverado 8' Box 4WD	Yes											P255/70R17	P255/70R17	RBZ
Tahoe 2WD		Yes										P255/70R17 SL 110S BW ALS	P255/70R17 SL 110S BW ALS	RBZ
Tahoe 4WD		Yes										P255/70R17 SL110S BW ALS	P255/70R17 SL110S BW ALS	RBZ
Suburban 2WD		Yes										P255/70R17 SL110S BW ALS	P255/70R17 SL110S BW ALS	RBZ
Suburban 4WD		Yes										P255/70R17 SL110S BW ALS	P255/70R17 SL110S BW ALS	RBZ
Trax FWD					No	11.0	29.5	17.4	19.0	16.7	19.3	205/70R16	205/70R16	RAJ
Trax AWD					Yes	13.8	30.3	18.2	20.0	17.8	20.2	205/70R16	205/70R16	RAJ
Traverse FWD		Yes										P245/70 R17	P245/70 R17	QPR
Traverse AWD		Yes										P245/70 R17	P245/70 R17	QPR
Colorado/Canyon	Yes											P255/65R17	P255/65R17	QHR
Colorado/Canyon	Yes											P255/65R17	P255/65R17	QJJ
Colorado/Canyon	Yes											P255/65R17	P255/65R17	QHR
Equinox FWD					No	14.8	23.5	16.7	17.4	19.3	19.7	P225/65R17	P225/65R17	QYZ
Equinox AWD 4 cylinder only					Yes	15.7	22.1	16.3	20.1	20.8	19.8	P225/65R17	P225/65R17	QYZ
Sierra 5' 8" Box 2WD	Yes											P255/70R17	P255/70R17	RBZ
Sierra 5' 8" Box 4WD	Yes											P255/70R17	P255/70R17	RBZ
Sierra 6'6" Box 2WD	Yes											P255/70R17	P255/70R17	RBZ
Sierra 6'6" Box 4WD	Yes											P255/70R17	P255/70R17	RBZ
Sierra 8' Box 2WD	Yes											P255/70R17	P255/70R17	RBZ
Sierra 8' Box 4WD	Yes											P255/70R17	P255/70R17	RBZ
Yukon 2WD		Yes										P265/65R18 SL 112T BW ALS	P265/65R18 SL 112T BW ALS	RKX
Yukon 4WD		Yes										P265/65R18 SL 112T BW ALS	P265/65R18 SL 112T BW ALS	RKX
Yukon XL 2WD		Yes										P265/65R18x8.5	P265/65R18x8.5	RKX
Yukon XL 4WD		Yes										P265/65R18x8.5	P265/65R18x8.5	RKX
Acadia Limited FWD		Yes										P255/65 R18	P255/65 R18	QLW
Acadia Limited AWD		Yes										P255/65 R18	P255/65 R18	QLW
Acadia FWD		Yes										245/65R17		
Acadia AWD All Terrain					Yes	15.1	22.9	16.9	20.0	20.1	18.1	245/65R17		
Acadia AWD		Yes										245/65R17		
Terrain FWD					No	15.2	20.5	16.7	17.4	19.3	19.7	P225/65R17	P225/65R17	QYZ
Terrain AWD 4 cylinder only					Yes	16.5	22.1	17.1	20.1	20.8	19.8	P225/65R17	P225/65R17	QYZ

2018 Truck Off-Highway Information

Model	Open Pickup Box?	At least 3 Rows	Does Cargo > Pass Volume?	Designed to transport > 10 people	Does Vehicle meet 4 of 5 ground clearance criteria?	Angle of Approach (Curb) not < 20 degrees	Angle of Departure (Curb) not < 20 degrees	Ramp Breakover Angle (Curb) not < 14 degrees	Ground Clearance not < 20cm	Suspension Or Axle to Ground - Front not < 18 cm	Suspension Or Axle to Ground - Rear not < 18cm	Tire Size - Front	Tire Size - Rear	Base Tire RPO
HD Express/ Savana Pass SWB				Yes								LT245/75R16	LT245/75R16	XLP /YPL
HD Express/Savana Cargo SWB			Yes									LT245/75R16	LT245/75R16	XLP /YPL
HD Express/Savana Cargo LWB			Yes									LT245/75R16	LT245/75R16	XLP /YPL
Encore FWD					no	13.6	32.0	17.8	19.4	17.3	19.6	215/55R18	215/55R18	RAK
Encore AWD					Yes	14.3	33.1	18.8	20.5	18.3	20.7	215/55R18	215/55R18	RAK
Enclave FWD		Yes										P255/65 R18	P255/65 R18	QLW
Enclave AWD		Yes										P255/65 R18	P255/65 R18	QLW
Escalade 2WD		Yes										P275/55R20	P275/55R20	QST
Escalade 4WD		Yes										P275/55R20 SL 111S BW AL2	P275/55R20 SL 111S BW AL2	QST
Envision AWD	No			No	Yes	19.5	25.5	17.8	20.1	21.2	19.2	225/60R18	225/60R18	

VII. Foot Print Information
Reformed CAFE Standard Calculation

Model Year: 2016
Compliance Category: PV

Main data table with columns: MY Index, Carline Mfr Cd, Division Code, Carline Code, Carline Name, Drive System, Engine Name / Description, Transmission Class, Footprint Index, Footprint Description, and various emission metrics (Front/Wh/E, InCh(1), Rear, D/I, ProdVol/FE, TLAAS Y/N, ProdVol/GHG, Footprint SqFt, Target FE, Target GHG, Weighted FE, Weighted GHG).

Summary table with rows: Last Row Data Rows (111, 105), Model Year (2016), Comp Cat (PV), Domestic (Prod Vol Weighted: 632,833; UnRnd Wgt Avg: 20912.639393; Rnd Wgt Avg: 39.8; Min PV Dom: 38.0; Rnd Std: 39.8), Import (Prod Vol Weighted: 160,849; UnRnd Std: 3/28 7187/96; Rnd Std: 43 13787/4), Truck (Prod Vol Weighted: -; UnRnd Std: -; Rnd Std: -), GHG (Prod Vol Weighted: 983,882; UnRnd Std: 237037/656.9; Rnd Std: 208 354041/208), TLAAAS (Prod Vol Weighted: 0; UnRnd Wgt Avg: 0.0; Rnd Std: -).

Model	Year	Make	Model	Class	SE	1	Model	62.8	64.1	110.7	D	10,703	N	10,703	48.7	38.55	218.3	277,639,429	233,645,499	
243	GMX	03	970	CAMARO	R	SE	1	CAMARO	62.8	64.1	110.7	D	10,703	N	10,703	48.7	38.55	218.3	277,639,429	233,645,499
255	GMX	03	970	CAMARO	R	MA	1	CAMARO	62.8	64.1	110.7	D	1,200	N	1,200	48.7	38.55	218.3	31,128,405	28,196,000
360	GMX	03	970	CAMARO	R	MA	1	CAMARO	62.8	64.1	110.7	D	774	N	774	48.7	38.55	218.3	20,077,821	18,984,200
87	GMX	02	549	CTS AWD	R	SE	1	CTS AWD	62.0	62.4	113.4	D	413	N	413	49.0	38.34	219.6	10,772,040	9,068,400
411	GMX	02	548	CTS	R	SE	1	CTS	62.0	62.4	113.4	D	334	N	334	49.0	38.34	219.6	8,711,528	7,334,600
87	GMX	02	549	CTS AWD	R	SE	1	CTS AWD	61.5	62.1	114.6	D	813	N	813	49.2	38.19	220.5	21,288,295	17,926,500
119	GMX	02	548	CTS	R	SE	1	CTS	61.5	62.1	114.6	D	2,275	N	2,275	49.2	38.19	220.5	59,570,588	50,163,750
404	GMX	02	549	CTS AWD	R	SE	1	CTS AWD	61.5	62.1	114.6	D	2,265	N	2,265	49.2	38.19	220.5	59,308,720	49,943,250
407	GMX	02	548	CTS	R	SE	1	CTS	61.5	62.1	114.6	D	154	N	154	49.2	38.19	220.5	4,032,469	3,395,700
411	GMX	02	548	CTS	R	SE	1	CTS	61.5	62.1	114.6	D	999	N	999	49.2	38.19	220.5	26,158,680	22,027,950
413	GMX	02	558	CTS-V	R	SE	1	CTS-V	61.5	62.1	114.6	D	1,084	N	1,084	49.2	38.19	220.5	28,384,394	23,902,200
234	GMX	01	026	LACROSSE AWD	F	SE	1	LACROSSE AWD	63.3	63.4	114.4	D	1,316	N	1,316	50.4	37.34	225.7	35,243,766	29,021,200
265	GMX	01	025	LACROSSE	F	LA	1	LACROSSE	63.3	63.4	114.4	D	3,310	N	3,310	50.4	37.34	225.7	88,644,895	74,706,700
379	GMX	01	025	LACROSSE	F	SE	1	LACROSSE	63.3	63.4	114.4	D	4,646	N	4,646	50.4	37.34	225.7	124,424,210	104,860,200
98	GMX	02	950	CTS AWD	A	SE	1	CTS AWD	62.8	63.8	122.2	D	6,858	N	6,858	53.7	35.19	240.1	194,884,910	164,680,800
82	GMX	02	950	CTS AWD	A	SE	1	CTS AWD	62.8	63.8	122.2	D	2,506	N	2,506	53.7	35.19	240.1	71,213,413	60,180,600
111	GMX	02	959	CTS	F	SE	1	CTS	62.8	63.8	122.2	D	924	N	924	53.7	35.19	240.1	26,257,460	22,185,400

VIII. Air Conditioning Fuel Economy Credit Information

2018 Domestic Passenger Car Mid Year Off Cycle Credit Report

748,150 Total Domestic PC AC Credit (Mg)

Carline	VLM (Mi)	U.S. Total Model Vehicle Sales	Air Cond. Credit Mg	Compressor	Reduced reheat, with externally-controlled, variable-displacement compressor	Reduced reheat, with externally-controlled, fixed-displacement or pneumatic variable-displacement compressor	Default to recirculate d air when ambient temperature is greater than 75 °F (Close-loop Control)	Default to recirculated air when ambient temperature is greater than 75 °F (Open-loop Control)	Blower motor controls which limit waste energy (e.g. pulse width modulated power controller)	Improved evaporators and/or condensers	Oil Separator	IHX	Total Eff. Checklist Credits (5.0 max)
ATS	195264	5803	5665.6	Denso EVDC	1.5			1.0	0.8	1.0	0.5	1.0	5
ATS AWD	195264	5023	4904.1	Denso EVDC	1.5			1.0	0.8	1.0	0.5	1.0	5
ATS-V	195264	410	400.3	Denso EVDC	1.5			1.0	0.8	1.0	0.5	1.0	5
CAMARO	195264	56926	55578.0	Denso EVDC	1.5			1.0	0.8	1.0	0.5	1.0	5
CORVETTE	195264	8576	6363.4	Mahle EVDC	1.5			1.0	0.8		0.5		3.8
CRUZE	195264	122635	114941.8	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
Cruze HB (D2JC)	195264	19534	18308.6	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
CRUZE PREMIER	195264	5264	4933.8	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
Cruze Premier HB (D2JC)	195264	3135	2938.3	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
CT6	195264	924	866.0	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
CT6 AWD	195264	9364	8776.6	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
CTS	195264	3762	3672.9	Denso EVDC	1.5			1.0	0.8	1.0	0.5	1.0	5
CTS AWD	195264	3491	3408.3	Denso EVDC	1.5			1.0	0.8	1.0	0.5	1.0	5
CTS-V	195264	1084	1058.3	Denso EVDC	1.5			1.0	0.8	1.0	0.5	1.0	5
EQUINOX FWD	195264	219068	205325.3	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
IMPALA	195264	64722	48023.9	Mahle EVDC	1.5			1.0	0.8		0.5		3.8
LACROSSE	195264	7956	7456.9	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
LACROSSE AWD	195264	1316	1233.4	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
MALIBU	195264	183976	172434.7	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
SONIC	195264	14365	1402.5	MHI Scroll							0.5		0.5
SONIC 5	195264	5885	574.6	MHI Scroll							0.5		0.5
TERRAIN FWD	195264	53941	50557.1	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
VOLT	195264	21046	15616.2	MHI Electric	1.5			1.0	0.8		0.5		3.8
XTS	195264	10359	9709.2	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
XTS AWD	195264	3279	3073.3	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
XTS HEARSE	195264	584	547.4	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8
XTS LIMO	195264	405	379.6	Mahle EVDC	1.5			1.0	0.8		0.5	1.0	4.8

2018 Import Passenger Car Mid Year Off Cycle Credit Report

82243 Total Import PC AC Credit (Mg)

Carline	VLM (Mi)	U.S. Total Model Vehicle Sales	Air Cond. Credit Mg	Compressor	Reduced reheat, with externally-controlled, variable-displacement compressor	Reduced reheat, with externally-controlled, fixed-displacement or pneumatic variable-displacement compressor	Default to recirculated air when ambient temperature is greater than 75 °F (Close-loop Control)	Default to recirculated air when ambient temperature is greater than 75 °F (Open-loop Control)	Blower motor controls which limit waste energy (e.g. pulse width modulated power controller)	Improved evaporators and/or condensers	Oil Separator	IHX	Total Eff. Checklist Credits (5.0 max)
CASCADA	195264	2833	2102.1	Mahle EVDC	1.5				0.8		0.5	1.0	3.8
ENCORE FWD	195264	60563	41390.2	MHI Scroll		1.0		1.0			0.5	1.0	3.5
SPARK ACTIV	195264	329	96.4	Denso Scroll							0.5	1.0	1.5
SPARK	195264	12129	3552.5	Denso Scroll							0.5	1.0	1.5
CT6 Hybrid	195264	213	199.6	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
Bolt EV (G2KCZ)	195264	9879	9259.3	MHI Electric	1.5			1.0	0.8		0.5	1.0	4.8
ENVISION FWD	195264	7887	5852.2	Mahle EVDC	1.5			1.0	0.8		0.5		3.8
REGAL FWD	195264	8030	7526.3	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
REGAL AWD	195264	1645	1541.8	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
REGAL TOURX AWD	195264	6103	5720.1	Denso EVDC	1.5			1.0	0.8		0.5	1.0	4.8
TRAX	195264	51238	5002.5	MHI Scroll							0.5		0.5

2018 Light Duty Truck Mid Year Off Cycle Credit Report

2788010 Total LDT AC Credit (Mg)

Carline	VLM (Mi)	U.S. Total Model Vehicle Sales	Air Cond. Credit Mg	Compressor	Reduced reheat, with externally-controlled, variable-displacement compressor	Reduced reheat, with externally-controlled, fixed-displacement or pneumatic variable-displacement compressor	Default to recirculated air when ambient temperature is greater than 75 °F (Close-loop Control)	Default to recirculated air when ambient temperature is greater than 75 °F (Open-loop Control)	Blower motor controls which limit waste energy (e.g. pulse width modulated power controller)	Improved evaporators and/or condensers	Oil Separator	IHX	Total Eff. Checklist Credits (7.2 max)
ACADIA AWD (C1UG)	225865	38558	59220.5	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
ACADIA FWD (C1UG)	225865	35976	55254.9	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C15 SIERRA 2WD	225865	37085	56958.2	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C15 SIERRA 2WD CAB CHASSIS	225865	2	3.1	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C15 SILVERADO 2WD	225865	143314	220113.4	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C15 SILVERADO 2WD CAB CHASSIS	225865	63	96.8	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C1500 SUBURBAN 2WD	225865	18360	28198.8	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C1500 TAHOE 2WD	225865	30974	47572.4	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C1500 YUKON 2WD	225865	15005	23045.9	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
C1500 YUKON XL 2WD	225865	9051	13901.3	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
CANYON 2WD	225865	13649	20963.3	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
CANYON 4WD	225865	21605	33182.7	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
CANYON CAB CHASSIS 2WD	225865	6	9.2	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
COLORADO 2WD	225865	50782	77995.2	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
COLORADO 4WD	225865	67947	104358.6	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
COLORADO CAB CHASSIS 2WD	225865	71	109.0	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
COLORADO ZR2 4WD	225865	12969	19918.9	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
ENCLAVE AWD	225865	42210	64829.6	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
ENCLAVE FWD	225865	42990	66027.6	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
ENCORE AWD	225865	21048	23294.6	MHI Scroll		1.4		1.4			0.7	1.4	4.9
ENVISION AWD	225865	8223	10029.4	Mahle EVDC	2.2			1.4	1.1		0.7		5.4
EQUINOX AWD	225865	154632	237496.5	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8
ESCALADE 2WD	225865	8780	13485.0	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
ESCALADE 4WD	225865	25122	38584.4	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K15 SIERRA 4WD	225865	147794	226994.1	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K15 SIERRA 4WD CAB CHASSIS	225865	5	7.7	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K15 SILVERADO 4WD	225865	369461	567448.5	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K15 SILVERADO 4WD CAB CHASSIS	225865	26	39.9	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K1500 SUBURBAN 4WD	225865	35952	55218.0	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K1500 TAHOE 4WD	225865	53787	82610.5	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K1500 YUKON 4WD	225865	32378	49728.8	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
K1500 YUKON XL 4WD	225865	22669	34816.9	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
TERRAIN AWD	225865	43871	67380.7	Mahle EVDC	2.2			1.4	1.1		0.7	1.4	6.8

2018 Light Duty Truck Mid Year Off Cycle Credit Report

Carline	VLM (Mi)	U.S. Total Model Vehicle Sales	Air Cond. Credit Mg	Compressor	Reduced reheat, with externally-controlled, variable-displacement compressor	Reduced reheat, with externally-controlled, fixed-displacement or pneumatic variable-displacement compressor	Default to recirculated air when ambient temperature is greater than 75 °F (Close-loop Control)	Default to recirculated air when ambient temperature is greater than 75 °F (Open-loop Control)	Blower motor controls which limit waste energy (e.g. pulse width modulated power controller)	Improved evaporators and/or condensers	Oil Separator	IHX	Total Eff. Checklist Credits (7.2 max)
TRAVERSE AWD	225865	122716	188477.3	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
TRAVERSE FWD	225865	131857	202516.8	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
TRAX AWD	225865	34321	5426.3	MHI Scroll							0.7		0.7
XT5 (C1UL)	225865	35687	54811.0	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8
XT5 AWD (C1UL)	225865	24666	37884.1	Denso EVDC	2.2			1.4	1.1		0.7	1.4	6.8

IX. Off-Cycle Technology Fuel Economy Credit Information

2018 Domestic Passenger Car Mid Year Off Cycle Credit Report

941,336 Total Domestic PC Off Cycle Credit (Mg)

Carline	U.S. Total Model Vehicle Sales	Total Off Cycle Credits/Model (Mg)	Off Cycle Technologies																				
			IEM			Lighting			Shutter			Stop/Start			Denso SAS			High Efficiency Alternator			Thermal capped at 3.0 (Glazing, Paint, Vented Seats, Passive Cabin Circulation)		
			Volume Receiving IEM Credit	IEM Credit (g/Mi)	IEM Credit (Mg)	Volume Receiving Lighting Credit	Lighting Credit (g/Mi)	Lighting Credit (Mg)	Volume Receiving Shutter Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Stop/Start Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Denso SAS Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving High Efficiency Alternator Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Thermal capped at 3.0 Credit	Credit (g/Mi)	Credit (Mg)
ATS	5803	7828.4	377	1.5	110.4	5803	0.36	407.9	4991	0.43	415.1	5768	2.5	2815.7	5803	1.1	1246.4	5803	0.6	679.9	5803	1.9	2152.9
ATS AWD	5023	6791.6	324	1.5	94.9	5023	0.37	362.9	4219	0.43	350.9	5023	2.5	2452.0	5023	1.1	1078.9	5023	0.6	588.5	5023	1.9	1863.5
ATS-V	410	478.7	410	1.5	120.1	410	0.78	62.4	0	0	0.0	0	0	0.0	410	1.1	88.1	410	0.7	56.0	410	1.9	152.1
CAMARO	56926	57785.6	22338	1.5	6542.7	56926	0.54	6002.4	0	0	0.0	0	0	0.0	56926	1.1	12227.2	56926	0.6	6669.4	56926	2.37	26344.0
CORVETTE	8576	6346.7	0	0	0.0	8576	0.9	1507.1	0	0	0.0	0	0	0.0	0	0	0.0	8576	0.4	669.8	8576	2.49	4169.7
CRUZE	122635	151093.2	121200	1.5	35499.0	122635	0.2	4789.2	1423	0.19	53.8	118956	1.5	34841.7	0	0	0.0	122635	0.9	21551.6	122635	2.27	54357.9
Cruze HB (D2)C	19534	24020.4	19534	1.5	5721.4	19534	0.2	762.9	0	0.00	0.0	18850	1.5	5521.1	0	0	0.0	19534	1	3814.3	19534	2.15	8200.7
CRUZE PREMIER	5264	6619.5	5264	1.5	1541.8	5264	0.2	205.6	0	0.00	0.0	5264	1.5	1541.8	0	0	0.0	5264	1	1027.9	5264	2.24	2302.4
Cruze Premier HB (D2)C	3135	3899.4	3135	1.5	918.2	3135	0.2	122.4	0	0.00	0.0	3135	1.5	918.2	0	0	0.0	3135	1	612.2	3135	2.17	1328.4
CT6	924	1449.1	0	0	0.0	924	1	180.4	924	0.25	45.4	924	2.5	451.1	924	1.1	198.5	924	0.7	126.3	924	2.48	447.5
CT6 AWD	9364	17702.5	9364	1.5	2742.7	9364	1	1828.5	9364	0.25	460.2	9364	2.5	4571.1	9364	1.1	2011.3	9364	0.5	914.2	9364	2.83	5174.5
CTS	3762	6508.8	1504	1.5	440.5	3762	0.65	477.5	3431	0.70	466.9	3514	2.5	1715.4	3762	1.1	808.0	3762	0.6	440.7	3762	2.94	2159.7
CTS AWD	3491	6286.1	1442	1.5	422.4	3491	0.77	524.9	3316	0.70	451.3	3491	2.5	1704.2	3491	1.1	749.8	3491	0.6	409.0	3491	2.97	2024.5
CTS-V	1084	1060.4	0	0	0.0	1084	0.8	169.3	0	0.00	0.0	0	0	0.0	1084	1.1	232.8	1084	0.7	148.2	1084	2.41	510.1
EQUINOX FWD	219068	190985.1	194971	1.5	57106.2	153348	0.1	2994.3	219068	0.31	13250.3	0	0	0.0	0	0	0.0	219068	0	0	219068	2.75	117634.3
IMPALA	64722	45022.6	0	0	0.0	64722	0.24	3033.1	64722	0.14	1712.7	14161	2.5	6912.8	0	0	0.0	64722	0.3	3791.4	64722	2.34	29572.6
LACROSSE	7956	13925.1	7956	1.5	2330.3	7956	0.8	1242.8	7956	0.19	300.8	7956	2.5	3883.8	7956	1.1	1708.9	7956	0.4	621.4	7956	2.47	3837.2
LACROSSE AWD	1316	2439.5	1316	1.5	385.5	1316	0.8	205.6	1316	0.19	49.7	1316	2.5	642.4	1316	1.1	282.7	1316	0.4	102.8	1316	3	770.9
MALIBU	183976	290958.9	166130	1.5	48658.8	183976	0.1	3592.4	58872	0.33	3783.4	170693	2.5	83325.5	183976	1.1	39516.3	183976	0.9	32331.5	183976	2.22	79751.0
SONIC	14365	6619.7	0	0	0.0	14365	0.2	561.0	0	0.00	0.0	0	0	0.0	0	0	0.0	14365	0	0.0	14365	2.16	6058.7
SONIC 5	5885	2953.3	0	0	0.0	5885	0.2	229.8	0	0.00	0.0	0	0	0.0	0	0	0.0	5885	0	0.0	5885	2.37	2723.4
TERRAIN FWD	53941	44498.0	35439	1.5	10379.9	35062	0.1	684.6	53941	0.17	1835.2	0	0	0.0	0	0	0.0	53941	0	0.0	53941	0	31598.2
VOLT	21046	29915.4	21046	1.5	6164.3	21046	0.7	2876.7	21046	0.62	2545.9	21046	2.5	10273.8	0	0	0.0	21046	0	0.0	21046	1.96	8054.7
XTS	10359	12055.5	10359	1.5	3034.1	10359	0.8	1618.2	0	0.00	0.0	0	0	0.0	0	0	0.0	10359	0.7	1415.9	10359	2.96	5987.3
XTS AWD	3279	3802.4	3145	1.5	921.2	3279	0.8	512.2	0	0.00	0.0	0	0	0.0	0	0	0.0	3279	0.7	448.2	3279	3	1920.8
XTS HEARSE	584	171.1	0	1.5	0.0	584	0.8	91.2	0	0.00	0.0	0	0	0.0	0	0	0.0	584	0.7	79.8	584	0	0.0
XTS LIMO	405	118.6	0	1.5	0.0	405	0.8	63.3	0	0.00	0.0	0	0	0.0	0	0	0.0	405	0.7	55.4	405	0	0.0

2018 Import Passenger Car Mid Year Off Cycle Credit Report

131890 Total Import PC Off Cycle Credit (Mg)

Carline	U.S. Total Model Vehicle Sales	Total Off Cycle Credits/Model (Mg)	Off Cycle Technologies																				
			IEM			Lighting			Shutter			Stop/Start			Denso SAS			High Efficiency Alternator			Thermal capped at 3.0 (Glazing, Paint, Vented Seats, Passive Cabin Circulation)		
			Volume Receiving Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Credit	Credit (g/Mi)	Credit (Mg)	Volume Receiving Credit	Credit (g/Mi)	Credit (Mg)
CASCADA	2833	1250	0	0.0	0	2833	0.30	166	0	0.00	0	0	0.00	0	0	0.00	0	2833	0.00	0	2833	1.96	1084
ENCORE	60563	55604	15322	1.5	4488	60563	0.39	4612	0	0.00	0	15322	2.50	7480	0	0.00	0	60563	0.30	3548	60563	3.00	35477
SPARK ACTIV	329	251	329	1.5	96	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	329	0.20	13	329	2.20	141
SPARK	12129	9237	12129	1.5	3553	0	0.00	0	0	0.00	0	0	0.00	0	0	0.00	0	12129	0.20	474	12129	2.20	5210
CT6 Hybrid	213	316	0	0.0	0	213	1.00	42	0	0.00	0	213	2.50	104	213	1.10	46	213	0.00	0	213	3.00	125
Bolt EV (G2KCZ)	9879	6004	0	0.0	0	9879	0.80	1543	9879	0.04	82	0	0.00	0	0	0.00	0	9879	0.00	0	9879	2.27	4379
ENVISION FWD	7887	9999	0	0.0	0	7887	0.30	462	7887	0.16	250	7887	2.50	3850	0	0.00	0	7887	0.60	924	7887	2.93	4512
REGAL FWD	8030	10662	0	0.0	0	8030	0.20	314	0	0.00	0	8030	2.50	3920	8030	1.10	1725	8030	0.00	0	8030	3.00	4704
REGAL AWD	1645	2449	905	1.5	265	1645	0.20	64	0	0.00	0	1645	2.50	803	1645	1.10	353	1645	0.00	0	1645	3.00	964
REGAL TOURX AWD	6103	8104	0	0.0	0	6103	0.20	238	0	0.00	0	6103	2.50	2979	6103	1.10	1311	6103	0.00	0	6103	3.00	3575

