

# Mazda Motor Corporation

## 2017 Pre-Model Year Automotive Fuel Economy Report

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Pre-Model Year Report for Model Year 2017

1. Information for the Passenger Automobiles

1-1. Projected Average Fuel Economy:

	Before Adjust	After Adjust (c=0.0014)	Rounded to 1 decimal place	MFR Projected Reformed CAFE Standard
Import CAFE	38.6431	38.9605	39.0	38.9
Domestic CAFE	42.6742	43.3251	43.3	39.8

1-2. Model type and configuration fuel economy and technical information

1-2-1. By Model Type

1-2-1-1. Combined fuel economy and projected production volume for Import Carlines

Model Type	Combined Fuel Economy	Projected Production Volume	Total Production Volume
MX-5 (Soft Top & RHT) (2.0L) M6 SIL	40.2	[4,704]	[143,180]
MX-5 (Soft Top & RHT) (2.0L) S6	39.7	[3,848]	
CX-3 2WD (2.0L) S6	42.5	[2,005]	
CX-3 4WD (2.0L) S6	38.8	[18,667]	
Mazda6 (2.5L) M6 SIL	37.8	[5,465]	
Mazda6 (2.5L) S6	39.4	[69,212]	
Mazda6 (2.5L) S6 i-Eloop	40.4	[8,120]	
CX-5 2WD (2.5L) S6	36.2	[31,159]	

1-2-1-2. Application of air conditioning, off-cycle efficiency improvement technology for Import Carlines

Not applicable.

1-2-1-3. Combined fuel economy and projected production volume for Domestic Carlines

Model Type	Combined Fuel Economy	Projected Production Volume	Total Production Volume
Mazda2 (1.5L) M6	47.1	[96]	[91,227]
Mazda2 (1.5L) S6	48.8	[254]	
Mazda3 4-Door (2.0L) M6 SIL	42.6	[5,353]	
Mazda3 4-Door (2.0L) S6	43.2	[46,584]	
Mazda3 5-Door (2.0L) M6 SIL	42.1	[4,523]	
Mazda3 5-Door (2.0L) S6	42.7	[24,644]	
Mazda3 4-Door (2.5L) M6 SIL	38.5	[631]	
Mazda3 4-Door (2.5L) S6	41.0	[3,283]	
Mazda3 4-Door (2.5L) S6 i-Eloop	42.5	[12]	
Mazda3 5-Door (2.5L) M6 SIL	37.4	[982]	
Mazda3 5-Door (2.5L) S6	40.9	[4,833]	
Mazda3 5-Door (2.5L) S6 i-Eloop	41.3	[32]	

1-2-1-4. Application of air conditioning, off-cycle efficiency improvement technology for Domestic Carlines

Not applicable.





1-2-2-2. By Vehicle Configuration for Domestic Carlines

NO. CFG	VEHICLE CONFIGURATION	SALES AREA	MC	LWV	ETW	SP (L)	CYL	SAE NET KW	SAE NET HP	ENGINE CODE	FUEL SYS	EMS CTL SYS	T R N S	G S	O D	NV	AXLE	COMB FE	PROJ VOL	PROJ VOL	NT VOL (ft³)	BODY STYLE	ROAD LOAD HP	TIRE SIZE	BASE TIRE	TRACK WIDTH (in)	TRACK WIDTH Rear (in)	TRACK WIDTH (in)	WHEEL BASE (in)	FRONT AREA (ft²)	FRONT AREA (ft²)	OPTIONALZ		
																																A	C	P
1	Mazda2	505	2500	2620	2625	1.5	4	78	106	6PVS3AAB	DFI	(*)	M	6	Y	37.8	4,195	47.1	96	102.6	5HB	10.2	P185R5R15	X	58.8	101.2	58.8	101.2	23.2	23.2	Y	Y	Y	
2	Mazda2	505	2500	2677	2625	1.5	4	78	106	7PVS3AAA	DFI	(*)	S	6	Y	32.2	3,824	48.8	254	102.6	5HB	9.7	P185R5R15	X	58.8	101.2	58.8	101.2	23.2	23.2	Y	Y	Y	
3	Mazda3 4-Door W/O-HELOOP W/SIL	505	3000	3189	3250	2.0	4	116	155	7PES3AAB	DFI	(*)	M	6	Y	35.4	3,850	42.9	0	108.7	SDN	10.8	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
4	Mazda3 4-Door W/O-HELOOP W/SIL	505	3000	3191	3250	2.0	4	116	155	7PES3ABB	DFI	(*)	M	6	Y	35.4	3,850	42.9	3704	108.7	SDN	10.8	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
5	Mazda3 4-Door W/O-HELOOP	505	3000	3267	3250	2.0	4	116	155	7PESAAA	DFI	(*)	S	6	Y	28.1	3,591	42.9	0	108.7	SDN	10.6	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
6	Mazda3 4-Door W/O-HELOOP	505	3000	3259	3250	2.0	4	116	155	7PESABA	DFI	(*)	S	6	Y	28.1	3,591	42.9	2015	108.7	SDN	10.6	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
7	Mazda3 5-Door W/O-HELOOP W/SIL	505	3000	3175	3250	2.0	4	116	155	7PES3AAB	DFI	(*)	M	6	Y	35.4	3,850	42.2	0	118.0	5HB	11.0	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
8	Mazda3 5-Door 2WD W/O-HELOOP W/SIL	505	3000	3173	3250	2.0	4	116	155	7PES3ABB	DFI	(*)	M	6	Y	35.4	3,850	42.2	2836	118.0	5HB	11.0	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
9	Mazda3 5-Door W/O-HELOOP	505	3000	3240	3250	2.0	4	116	155	7PESAAA	DFI	(*)	S	6	Y	28.1	3,591	43.1	0	118.0	5HB	10.9	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
10	Mazda3 5-Door W/O-HELOOP	505	3000	3237	3250	2.0	4	116	155	7PESABA	DFI	(*)	S	6	Y	28.1	3,591	43.1	8970	118.0	5HB	10.9	P205R60R16	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
11	Mazda3 4-Door W/O-HELOOP W/SIL	505	3500	3313	3375	2.5	4	137	184	7PVS3AAA	DFI	(*)	M	6	Y	35.4	3,850	38.5	631	108.7	SDN	11.2	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
12	Mazda3 4-Door W/O-HELOOP	505	3500	3400	3375	2.5	4	137	184	7PVS3AAA	DFI	(*)	S	6	Y	27.4	3,389	41.0	1767	108.7	SDN	11.1	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
13	Mazda3 4-Door W/O-HELOOP	505	3500	3400	3375	2.5	4	137	184	7PVS3ACA	DFI	(*)	S	6	Y	27.4	3,389	41.0	1516	108.7	SDN	11.1	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
14	Mazda3 4-Door W/O-HELOOP	505	3500	3400	3375	2.5	4	137	184	7PVS3AAB	DFI	(*)	S	6	Y	27.4	3,389	42.5	12	108.7	SDN	10.9	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
15	Mazda3 5-Door W/O-HELOOP	505	3500	3346	3375	2.5	4	137	184	7PVS3AAA	DFI	(*)	M	6	Y	35.4	3,850	37.4	862	118.0	5HB	11.5	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
16	Mazda3 5-Door W/O-HELOOP	505	3500	3398	3375	2.5	4	137	184	7PVS3AAA	DFI	(*)	S	6	Y	27.4	3,389	40.9	2595	118.0	5HB	11.3	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
17	Mazda3 5-Door W/O-HELOOP	505	3500	3398	3375	2.5	4	137	184	7PVS3ACA	DFI	(*)	S	6	Y	27.4	3,389	40.9	2238	118.0	5HB	11.3	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	
18	Mazda3 5-Door W/O-HELOOP	505	3500	3398	3375	2.5	4	137	184	7PVS3AAB	DFI	(*)	S	6	Y	27.4	3,389	41.3	32	118.0	5HB	11.2	2154S R18	X	61.3	61.3	61.3	106.3	45.3	24.3	Y	Y	Y	

(\*) TWC/WC/TC/WK/TK25/WK-HQ25/DF1

(#1) ST: Soft-top, RHT: Retractable Hard Top  
(#2) AC: Air Conditioning, ABS: Anti-lock Brake System, PS: Power Steering

2. Information for the Non-passenger Automobiles

2-1. Projected Average Fuel Economy

	Rounded to 4 decimal place	Rounded to 1 decimal place	MFR Projected Reformed CAFE Standard
Truck CAFE	33.4203	33.4	31.8

2-2. Model type and configuration fuel economy and technical information:

2-2-1. By Model Type

2-2-1-1. Combined fuel economy and projected production volume

Model Type	Combined Fuel Economy	Projected Production Volume	Total Production Volume
CX-5 4WD (2.5L) S6	34.6	[43,029]	[62,247]
CX-9 2WD (2.5L_T/C) S6	32.5	[8,898]	
CX-9 4WD (2.5L_T/C) S6	29.9	[10,320]	

2-2-1-2. Application of air conditioning, off-cycle efficiency improvement technology, full-size pick-up trucks

Not applicable.

2-2-2. By Vehicle Configuration

NO. CFG	VEHICLE CONFIGURATION	SALES AREA	MC	LW	ETW	SP (L)	CYL	SAE NET KW	SAE NET HP	ENGINE CODE	FUEL SYS	EMS CTL SYS	T R N S	O R S	D	NV	AXLE FE	COMB FE	PROJ PROD VOL	MAX CHRYSLER VOL	CHRYSLER VOL	ROAD LOAD HP	TIRE SIZE	BASE TIRE	TRACK WIDTH		FRNT AREA (F <sup>2</sup> )	OPTION#(1)					
																									Front (in)	Rear (in)		A	B	C	P	S	
1	CX-5 4WD	Fed	4000	3955	4000	2.5	4	139	187	7PYGFA1	DFI	(*1)	S	6	Y	33.7	4.624	34.5	8787	103.6	30.9	14.2	P22565 R17	x	62.8	62.8	106.2	46.3	28.0	Y	Y	Y	Y
2	CX-5 4WD	Calif	4000	3955	4000	2.5	4	139	187	7PYGFA1	DFI	(*1)	S	6	Y	33.3	4.624	34.6	10174	103.6	30.9	14.1	P22565 R19		62.8	62.8	106.2	46.3	28.0	Y	Y	Y	Y
3	CX-4 2WD	50S	4500	4444	4500	2.5 TIC	4	159	227	7PYTAAA	DFI	(*2)	S	6	Y	30.5	4.411	32.7	12915	103.6	30.9	14.1	P22565 R19		62.8	62.8	106.2	46.3	28.0	Y	Y	Y	Y
4	CX-4 4WD	50S	4500	4627	4750	2.5 TIC	4	159	227	7PYTAAA	DFI	(*2)	S	6	Y	30.5	4.411	30.2	6050	135.0	14.4	15.7	P25560 R18	x	65.3	65.2	115.3	52.2	30.4	Y	Y	Y	Y

(#1) AC, Air Conditioning, ABS, Anti-lock Brake System, PS, Power Steering

(\*1) TRC/WR-TRC/MZS/WR-MZS/DF1/GAC/TC/EBR/EBRC

(\*2) TRC/WR-TRC/MZS/WR-MZS/DF1/GAC/TC/EBR/EBRC

3. Light Truck Vehicle Information by Vehicle Configuration

NO. CFG	VEHICLE CONFIGURATION	TRANSPORT MORE THAN 10 PERSONS	PROVIDE TEMPORARY LIVING QUARTERS	TRANSPORT PROPERTY ON AN OPEN BED	GRATER CARGO-CARRYING THAN PASSENGER-CARRYING VOLUME	PERMIT EXPANDED USE OF THE AUTOMOBILE FOR CARGO-CARRYING PURPOSES OR OTHER NON-PASSENGER-CARRYING PURPOSES	EXISTENCE OF 4-WHEEL DRIVE (YES/NO)	6000<GWWR (lb)	APPROACH ANGLE (deg)	BREAKOVER ANGLE (deg)	DEPARTURE ANGLE (deg)	MIN. RUNNING CLEARANCE (cm)	AXLE CLEARANCE (cm)	
													Front	Rear
1	CX-5 2.5L S6 4x4	NO	NO	NO	NO	NO	YES	NO	17.0	15.4	22.5	20.9	23.4	24.8
2	CX-9 2.5L S6 4x2	NO	NO	NO	NO	YES	NO	NO	17.5	18.0	20.5	20.4	25.0	—
3	CX-9 2.5L S6 4x4	NO	NO	NO	NO	YES	YES	NO	17.5	18.0	20.5	20.4	25.0	25.3



4-1. Footprint Data\_ Import / Domestic Passenger Car, Light Truck

Category	Model Index	Carline MFR Code	Division Code	Carline Code	Carline Name	Basic Engine Index	Transmission Class Index	Transmission Name (e.g. M6, S6, L6, etc.)	Model Type Description: Mfr comments	Wheel base (inches) rounded to 1 decimal place	Front Track Width (inches) rounded to 1 decimal place	Rear Track Width (inches) rounded to 1 decimal place	Avg Track Width (inches) rounded to 1 decimal place	Footprint (square feet) rounded to one decimal place	Footprint Projected Model Year Production Units	Footprint base CO2 (gm) target (rounded to 1 decimal place)	Footprint base CO2 (gm) target (unrounded)	Volume x base CO2 (target)	Model Type CREE	Volume x Model Type CREE	ISO Compliance Std (gpm) per § 86.1818-12(f) or (f)(1)	GHG Compliance Std (gpm) per § 86.1818-12(f) or (f)(1)	CO2 Equivalent Debits per § 86.1818-12(f)(4) (rounded to megagram)	Footprint (mg) target (rounded to 2 decimal places)	Footprint (mg) target (unrounded)	Volume/Footprint base FE target
PC-D	1	TKX	1	2	Micra2	1.5L Gasoline	3	M6	P16505 R15	101.2	58.8	58.4	58.6	41.2	96	195.5	195.538	18768	187	17952	0.010	0.030	0	43.41	43.411	2,211,470
PC-D	2	TKX	1	2	Micra2	1.5L Gasoline	4	S6	P16505 R15	101.2	58.8	58.4	58.6	41.2	254	195.5	195.538	48657	181	45974	0.010	0.030	0	43.41	43.411	5,851,186
PC-D	3	TKX	1	37	Micra3 3-Door	2.0L Gasoline	8	M6 SIL	P205060 R16	106.3	61.3	61.3	61.3	45.3	533	214.1	214.109	114607.3	208	113424	0.010	0.030	0	39.78	39.778	134,961,008
PC-D	4	TKX	1	37	Micra3 3-Door	2.0L Gasoline	9	S6	P205060 R16	106.3	61.3	61.3	61.3	45.3	46,384	214.1	214.109	997834.4	208	959630.4	0.010	0.030	0	39.78	39.778	117,040,712
PC-D	5	TKX	1	38	Micra3 3-Door	2.0L Gasoline	10	M6 SIL	P205060 R16	106.3	61.3	61.3	61.3	45.3	4,523	214.1	214.109	968374.3	210	949830	0.010	0.030	0	39.78	39.778	113,700,352
PC-D	6	TKX	1	38	Micra3 3-Door	2.0L Gasoline	11	S6	P205060 R16	106.3	61.3	61.3	61.3	45.3	24,644	214.1	214.109	5276286.4	207	5107306	0.010	0.030	0	39.78	39.778	819,507,292
PC-D	7	TKX	1	37	Micra3 4-Door	2.5L Gasoline	8	M6 SIL	21545 R16	106.3	61.3	61.3	61.3	45.3	631	214.1	214.109	135097.1	232	146382	0.010	0.035	15	39.78	39.778	15,862,242
PC-D	8	TKX	1	37	Micra3 4-Door	2.5L Gasoline	9	S6	21545 R16	106.3	61.3	61.3	61.3	45.3	3,283	214.1	214.109	702890.3	215	705845	0.010	0.030	0	39.78	39.778	82,528,608
PC-D	9	TKX	1	38	Micra3 4-Door	2.5L Gasoline	10	M6 SIL	21545 R16	106.3	61.3	61.3	61.3	45.3	12	214.1	214.109	2589.2	237	2486	0.010	0.030	0	39.78	39.778	30,168,913
PC-D	10	TKX	1	38	Micra3 4-Door	2.5L Gasoline	11	S6	21545 R16	106.3	61.3	61.3	61.3	45.3	882	214.1	214.109	21046.2	237	232734	0.010	0.035	24	39.78	39.778	24,885,717
PC-D	11	TKX	1	38	Micra3 5-Door	2.5L Gasoline	11	S6	21545 R16	106.3	61.3	61.3	61.3	45.3	4,833	214.1	214.109	1034745.3	218	1043928	0.010	0.030	0	39.78	39.778	121,489,213
PC-D	12	TKX	1	38	Micra3 5-Door	2.5L Gasoline	11	S6	21545 R16	106.3	61.3	61.3	61.3	45.3	32	214.1	214.109	6851.2	214	6848	0.010	0.030	0	39.78	39.778	8,044,243
PC-J	1	TKX	1	50	MX2 (Self Top & RHT)	2.0L Gasoline	18	M6 SIL	195050 R16	80.9	58.9	59.2	59.0	37.2	4,704	195.0	195.000	917280	221	1035584	0.010	0.035	115	43.61	43.610	107,865,168
PC-J	2	TKX	1	50	MX2 (Self Top & RHT)	2.0L Gasoline	19	S6	195050 R16	80.9	58.9	59.2	59.0	37.2	3,848	195.0	195.000	750360	225	865800	0.010	0.035	94	43.61	43.610	88,236,940
PC-J	3	TKX	1	3	CX3 2WD	2.0L Gasoline	1	S6	P215450 R16	101.2	60.0	59.9	60.0	42.2	2,005	200.1	200.068	401000.5	210	421050	0.010	0.030	0	42.46	42.465	47,220,013
PC-J	4	TKX	1	4	CX3 4WD	2.0L Gasoline	2	S6	P215450 R16	101.2	60.0	59.9	60.0	42.2	18,667	200.1	200.068	3735266.7	227	4237409	0.010	0.030	0	42.46	42.465	438,837,306
PC-J	5	TKX	1	15	Micra2	2.5L Gasoline	5	M6 SIL	P225055 R17	111.4	62.4	62.0	62.2	48.1	5,465	228.8	228.783	1238462	234	1278810	0.010	0.030	0	37.63	37.628	145,22987
PC-J	6	TKX	1	15	Micra2	2.5L Gasoline	6	S6	P225055 R17	111.4	62.4	62.0	62.2	48.1	69,212	228.8	228.783	15897281.8	224	15503488	0.010	0.030	0	37.63	37.628	1838,27717
PC-J	7	TKX	1	15	Micra2	2.5L Gasoline	7	S6	P225055 R17	111.4	62.8	62.4	62.6	48.4	8,120	228.8	228.152	1852984	220	1786400	0.010	0.030	0	37.41	37.411	217,054,264
PC-J	8	TKX	1	55	CX3 2WD (Calf)	2.5L Gasoline	TBD	S6	P225065 R17	106.2	62.8	62.8	62.8	46.3	23,545	218.6	218.638	5148937	244	5744880	0.014	0.035	8055	38.88	38.883	804,027,077
PC-J	9	TKX	1	55	CX3 2WD (Calf)	2.5L Gasoline	TBD	S6	P225065 R17	106.2	62.8	62.8	62.8	46.3	7,614	218.6	218.638	1684426.4	244	1857516	0.010	0.030	0	38.88	38.883	195,330,939

CAFE Calculation

Category	Model Index	Weighted Average Fuel Consumption (mpg)	Min. FE Std (mpg)
Domestic PC	81,227	38.8 (rounded)	38.7928 (unrounded)
Import PC	143,180	38.9 (rounded)	38.8666 (unrounded)

GHG Calculation

Category	Model Index	Weighted Average GHG Intensity (grams/mile)	Fleet Av. CREE (grams/mile)	Fleet Av. CREE (grams/mile)	CREE Debit per § 86.1818-12(f)(4) (unrounded)	Total CREE credit/debit (megagram)	Vehicle Lifetime Miles (VLM)
PC	234,407	217 (rounded)	217,2733 (unrounded)	220,8496 (unrounded)	6303	-183,388	182884

CAFE Calculation

Category	Model Index	Weighted Average Fuel Consumption (mpg)	Min. FE Std (mpg)																						
LT	1	TKX	1	56	CX5 4WD (Calf)	2.5L Gasoline	TBD	S6	P225065 R17	106.2	62.8	62.8	46.3	18,081	263.8	263.781	5001911.8	255	4835055	0.014	0.035	5940	32.80	32.800	578,079,268
LT	2	TKX	1	56	CX5 4WD (Calf)	2.5L Gasoline	TBD	S6	P225065 R17	106.2	62.8	62.8	46.3	24,069	263.8	263.781	6340138.4	255	6137340	0.010	0.030	0	32.80	32.800	733,760,488
LT	3	TKX	1	9	CX5 2WD	2.5L, T/C Gasoline	20	S6	P225060 R16	115.3	65.3	65.2	65.2	8,898	291.4	291.388	2592877.2	272	2420256	0.014	0.030	2366	29.78	29.778	268,731,135
LT	4	TKX	1	10	CX5 4WD	2.5L, T/C Gasoline	21	S6	P225060 R16	115.3	65.3	65.2	65.2	10,320	291.4	291.388	3007248	295	3044400	0.014	0.030	2776	29.78	29.778	346,541,003

CAFE Calculation

Category	Model Index	Weighted Average Fuel Consumption (mpg)	Min. FE Std (mpg)
Truck	82,247	31.8 (rounded)	31.8042 (unrounded)

GHG Calculation

Category	Model Index	Weighted Average GHG Intensity (grams/mile)	Fleet Av. CREE (grams/mile)	Fleet Av. CREE (grams/mile)	CREE Debit per § 86.1818-12(f)(4) (unrounded)	Total CREE credit/debit (megagram)	Vehicle Lifetime Miles (VLM)
Truck	62,247	272 (rounded)	272,3212 (unrounded)	284,0817 (unrounded)	10814	-101,861	228865

Fuel Economy Methodology Used in Projecting CAFE Values

Derived Fuel Economy Values

As provided for by 49 CFR §537.9 (a) (3), Mazda has used data substitutions where no EPA-approved or Mazda test results exist at the appropriate sub-configuration level for minimum test requirements. These values were derived from a base configuration (ETW), axle ratio, road load horsepower, etc., and engineering judgment.

Addendum to the Report

The information contained in this report is, to the best of Mazda's knowledge, accurate and complete. This report is filed subject to the following provisions:

Based on currently available information, we believe that the projected average fuel economy set forth in this report sufficiently represents Mazda Motor Corporation's average fuel economy for the 2017 model year. If changes in consumer demand or other unforeseen events cause a significant shift in Mazda's production/sales mix, Mazda reserves the right to adjust its projections accordingly.

**Passenger Car and Light Truck CAFE Credits/Debits Summary**  
**Mazda CAFE Credit/Debit Summary**

**Passenger Car (Import)**

MY	CAFE Value	CAFE Std	Production Volume	MY Credit Credits Excess or (Shortfall)	Intended Action	MY Credit Balance Excess or (Shortfall)
2009	32.6	27.5	54,862	2,797,962	---	2,797,962
2010	33.8	27.5	212,495	13,387,185	---	13,387,185
2011	33.8	30.7	181,202	5,617,262	---	5,617,262
2012	37.9	33.9	213,308	8,532,320	1,210,000 credits were transferred to Ford	7,322,320
2013	39.4	34.8	164,862	7,583,652		7,583,652
2014	41.5	34.4	217,333	15,430,643	2,797,962 credits from 2009MY is expired by the end of 2014MY	15,430,643
2015	41.9	35.5	207,100	13,254,400	13,387,185 credits from 2010MY is expired by the end of 2015MY	13,254,400
2016 (2016MY Mid CAFE Report Projected Values)	41.8	37.2	346,364	15,932,744	5,617,262 credits from 2011MY is expired by the end of 2016MY	15,932,744
2017 (2017MY Pre CAFE Report Projected Values)	39.0	38.9	143,180	143,180	7,322,320 credits from 2012MY is expired by the end of 2017MY	143,180

Projected Total Credits at the end of 2017MY **52,344,619**

**Passenger Car (Domestic)**

MY	CAFE Value	CAFE Std	Production Volume	MY Credit Credits Excess or (Shortfall)	Intended Action	MY Credit Balance Excess or (Shortfall)
2009	30.4	27.5	39,504	1,145,616	---	1,145,616
2010	n/a	n/a	0	0	---	0
2011	31.8	31.1	2,218	15,526	---	15,526
2012	n/a	n/a	0	0	---	0
2013	n/a	n/a	0	0	---	0
2014	n/a	n/a	0	0	1,145,616 credits from 2009MY is expired by the end of 2014MY	0
2015	n/a	n/a	0	0	---	0
2016 (2016MY Mid CAFE Report Projected Values)	50.2	40.9	600	55,800	15,526 credits from 2011MY is expired by the end of 2016MY	55,800
2017 (2017MY Pre CAFE Report Projected Values)	43.3	39.8	91,227	3,192,945	---	3,192,945

Projected Total Credits at the end of 2017MY **3,248,745**

**Truck**

MY	CAFE Value	CAFE Std	Production Volume	MY Credit Credits Excess or (Shortfall)	Intended Action	MY Credit Balance Excess or (Shortfall)
2009	26.6	23.1	54,508	1,907,780	---	1,604,552
2010	26.7	23.5	98,444	3,150,208	---	3,150,208
2011	24.7	25.6	33,692	(303,228)	2011MY debts are offset by 2009MY credits	0
2012	27.8	27.2	65,696	394,176	394,176 credits were transferred to Jaguar Land Rover.	0
2013	30.4	28.1	61,093	1,405,139		1,405,139
2014	31.4	28.9	78,826	1,970,650	1,604,552 credits from 2009MY is expired by the end of 2014MY	1,970,650
2015	31.6	30.0	78,793	1,260,888	3,150,208 credits from 2010MY is expired by the end of 2015MY	1,260,888
2016 (2016MY Mid CAFE Report Projected Values)	34.3	31.4	142,148	4,122,234	---	4,122,234
2017 (2017MY Pre CAFE Report Projected Values)	33.4	31.8	62,247	995,952	---	995,952

Projected Total Credits at the end of 2017MY **9,754,663**