

Mazda Motor Corporation

2018 Mid-Model Year Automotive Fuel Economy Report

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Mid-Model Year Report for Model Year 2018

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	37.6046	37.9039	37.9	40.5
Domestic CAFE	41.3647	41.8005	41.8	41.2

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
MAZDA2 (1.5L) M6	47.1	[128]	[107,842]
MAZDA2 (1.5L) S6	48.8	[512]	
MX-5 (Soft Top & RHT) (2.0L) M6 SIL	40.1	[3,290]	
MX-5 (Soft Top & RHT) (2.0L) S6	39.7	[2,004]	
CX-3 2WD (2.0L) S6	42.5	[4,113]	
CX-3 4WD (2.0L) S6	38.8	[8,749]	
MAZDA6 (2.5L) M6 SIL	37.0	[814]	
MAZDA6 (2.5L_w/Cylinder Deactivation) S6	39.8	[15,460]	
MAZDA6 (2.5L_T/C) S6	35.3	[20,342]	
CX-5 2WD (2.5L) S6	37.1	[52,385]	
CX-5 2WD (2.2L) S6	41.2	[45]	

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
MAZDA3 4-Door (2.0L) M6 SIL	42.9	[1884]	[103,894]
MAZDA3 4-Door (2.0L) S6	42.9	[27,001]	
MAZDA3 5-Door (2.0L) M6 SIL	42.2	[2,261]	
MAZDA3 5-Door (2.0L) S6	43.1	[7,439]	
MAZDA3 4-Door (2.5L) M6 SIL	38.5	[3,265]	
MAZDA3 4-Door (2.5L) S6	41.0	[30,643]	
MAZDA3 5-Door (2.5L) M6 SIL	37.4	[5,343]	
MAZDA3 5-Door (2.5L) S6	40.9	[26,058]	

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

Not applicable.

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

NO. CFG	VEHICLE CONFIGURATION	SALES AREA	IWC	LVW	ETW	SP (L)	CYL	SAE NET KW	SAE NET HP	ENGINE CODE	FUEL SYS	EMS CTL SYS	T R N	G R S	O D	NV	AXLE	COMB FE	PROJ PROD VOL	INT VOL (ft³)	BODY STYLE (#2)	ROAD LOAD HP	TIRE SIZE	BASE TIRE	TRACK WIDTH Front (in)	TRACK WIDTH Rear (in)	TRACK WIDTH (in)	WHEEL BASE (in)	FOOT PRINT (ft²)	FRNT AREA (ft²)	OPTION(#1)		
1	MAZDA2	50S	2500	2630	2625	1.5	4	79	106	6P5V3AAB	DFI	(*)1	M	6	Y	37.6	4.105	47.1	128	102.6	5HB	10.2	P185/65 R15	x	58.8 ±1.0	58.4 ±1.0	58.6 ±1.0	101.2 ±1.0	41.2 ±1.2	23.2	Y	Y	Y
2	MAZDA2	50S	2500	2677	2625	1.5	4	79	106	7P5V3AAA	DFI	(*)1	S	6	Y	32.2	3.824	48.8	512	102.6	5HB	9.7	P185/65 R15	x	58.8 ±1.0	58.4 ±1.0	58.6 ±1.0	101.2 ±1.0	41.2 ±1.2	23.2	Y	Y	Y
3	MX-5 W/SL	50S	2500	2635	2625	2.0	4	116	155	7PE3FAA	DFI	(*)1	M	6	N	41.9	2.866	40.0	1789	n/a	ST	11.7	195/50 R16	x	58.9 ±1.0	58.2 ±1.0	59.0 ±1.0	90.9 ±1.0	37.2 ±1.2	19.0	Y	Y	Y
																				n/a	ST	11.7	205/45 R17		58.9 ±1.0	58.2 ±1.0	59.0 ±1.0	90.9 ±1.0	37.2 ±1.2	19.0	Y	Y	Y
4	MX-5 W/SL	50S	2750	2747	2750	2.0	4	116	155	7PE3FA1	DFI	(*)1	M	6	N	40.9	2.866	40.3	1501	n/a	RHT	11.7	205/45 R17		58.9 ±1.0	58.2 ±1.0	59.0 ±1.0	90.9 ±1.0	37.2 ±1.2	19.0	Y	Y	Y
5	MX-5	50S	2750	2679	2750	2.0	4	116	155	7PESFAA	DFI	(*)1	S	6	Y	29.4	3.454	39.8	904	n/a	ST	11.8	195/50 R16	x	58.9 ±1.0	58.2 ±1.0	59.0 ±1.0	90.9 ±1.0	37.2 ±1.2	19.0	Y	Y	Y
																				n/a	ST	11.8	205/45 R17		58.9 ±1.0	58.2 ±1.0	59.0 ±1.0	90.9 ±1.0	37.2 ±1.2	19.0	Y	Y	Y
6	MX-5	50S	2750	2791	2750	2.0	4	116	155	7PESFA1	DFI	(*)1	S	6	Y	28.7	3.454	39.5	1100	n/a	RHT	11.8	205/45 R17		58.9 ±1.0	58.2 ±1.0	59.0 ±1.0	90.9 ±1.0	37.2 ±1.2	19.0	Y	Y	Y
7	CX-3 2WD	50S	3000	3140	3125	2.0	4	109	146	6PESAAA	DFI	(*)1	S	6	Y	34.3	4.325	42.5	4113	103.6	5WGN	11.7	P215/60 R16	x	60.0 ±1.0	59.9 ±1.0	60.0 ±1.0	101.2 ±1.0	42.2 ±1.2	25.0	Y	Y	Y
																				103.6	5WGN	11.7	P215/50 R16		60.0 ±1.0	59.9 ±1.0	60.0 ±1.0	101.2 ±1.0	42.2 ±1.2	25.0	Y	Y	Y
8	CX-3 4WD	50S	3000	3281	3250	2.0	4	109	146	6PEGAAA	DFI	(*)1	S	6	Y	34.3	4.325	38.8	8749	103.6	5WGN	13.0	P215/60 R16	x	60.0 ±1.0	59.9 ±1.0	60.0 ±1.0	101.2 ±1.0	42.2 ±1.2	25.0	Y	Y	Y
																				103.6	5WGN	13.0	P215/50 R16		60.0 ±1.0	59.9 ±1.0	60.0 ±1.0	101.2 ±1.0	42.2 ±1.2	25.0	Y	Y	Y
9	MAZDA6 W/SL	50S	3500	3626	3625	2.5	4	139	187	8PYU3FAA	DFI	(*)1	M	6	Y	36.1	4.105	37.0	814	114.6	SDN	11.1	P225/55 R17	x	62.4 ±1.0	62.0 ±1.0	62.2 ±1.0	111.4 ±1.0	48.1 ±1.2	24.6	Y	Y	Y
10	MAZDA6	50S	3500	3727	3750	2.5	4	139	187	8PYUDSFAA	DFI	(*)1	S	6	Y	29.5	3.812	39.7	5272	114.6	SDN	11.2	P225/55 R17	x	62.4 ±1.0	62.0 ±1.0	62.2 ±1.0	111.4 ±1.0	48.1 ±1.2	24.6	Y	Y	Y
																				114.6	SDN	11.5	P225/45 R19		62.8 ±1.0	62.4 ±1.0	62.6 ±1.0	111.4 ±1.0	48.4 ±1.2	24.6	Y	Y	Y
11	MAZDA6	50S	4000	3860	3875	2.5	4	169	227	8PYTSFAA	DFI	(*)3	S	6	Y	31.7	4.090	35.6	0	114.6	SDN	11.8	P225/55 R17		62.4 ±1.0	62.0 ±1.0	62.2 ±1.0	111.4 ±1.0	48.1 ±1.2	24.6	Y	Y	Y
																				114.6	SDN	12.0	P225/45 R19	x	62.8 ±1.0	62.4 ±1.0	62.6 ±1.0	111.4 ±1.0	48.4 ±1.2	24.6	Y	Y	Y
12	CX-5 2WD	50S	4000	3863	3875	2.5	4	139	187	8PYUDSAAA	DFI	(*)1	S	6	Y	31.5	4.325	37.1	6705	134.5	5WGN	13.4	P225/65 R17	x	62.8 ±1.0	62.8 ±1.0	62.8 ±1.0	106.2 ±1.0	46.3 ±1.2	28.0	Y	Y	Y
																				134.5	5WGN	13.3	P225/55 R19		62.8 ±1.0	62.8 ±1.0	62.8 ±1.0	106.2 ±1.0	46.3 ±1.2	28.0	Y	Y	Y
13	CX-5 2WD	50S	4000	4063	4000	2.2	4	130	174	8SHSAAA	DFI	(*)2	S	6	Y	31.8	4.411	41.2	45	134.5	5WGN	13.8	P225/55 R19	x	62.8 ±1.0	62.8 ±1.0	62.8 ±1.0	106.2 ±1.0	46.3 ±1.2	28.0	Y	Y	Y

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

(#2) ST: Soft top, RHT: Retractable Hard Top

(*)1 TWC, WU-TWC/HOZS, WR-HOZS/DFI

(*)2 WU-OC-NAC/NH3OC/SCRC/DPF/CAC/TC/DFI/EGRC/WR-HOZS/NOXS/PMS/EGR/RDGS

(*)3 TWC, WU-TWC/HOZS, WR-HOZS/DFI/CAC/TC/EGR/EGR

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

NO. CFG	VEHICLE CONFIGURATION	SALES AREA	MVC	LVW	ETW	SP (L)	CYL	SAE NET KW	SAE NET HP	ENGINE CODE	FUEL SYS	EMS CTL SYS	T R N	G R S	O D	NV	AXLE	COMB FE	PROJ PROD VOL	INT VOL (ft ³)	BODY STYLE	ROAD LOAD HP	TIRE SIZE	BASE TIRE	TRACK WIDTH Front (in)	TRACK WIDTH Rear (in)	TRACK WIDTH (in)	WHEEL BASE (in)	FOOT PRINT (ft ²)	FRNT AREA (ft ²)	OPTION(#1)		
																															A C	A B S	P S
1	MAZDA3 4-Door	50S	3000	3212	3250	2.0	4	116	155	7PE3AAB	DFI	(*)	M	6	Y	35.4	3.850	42.9	17	108.7	SDN	10.8	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																35.4	3.850	41.7	0	108.7	SDN	11.1	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
2	MAZDA3 4-Door	50S	3000	3212	3250	2.0	4	116	155	7PE3ABB	DFI	(*)	M	6	Y	35.4	3.850	42.9	1867	108.7	SDN	10.8	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																35.4	3.850	41.7	0	108.7	SDN	11.1	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
3	MAZDA3 4-Door	50S	3000	3279	3250	2.0	4	116	155	7PESAAA	DFI	(*)	S	6	Y	29.1	3.591	42.9	241	108.7	SDN	10.6	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																29.1	3.591	43.7	0	108.7	SDN	11.1	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
4	MAZDA3 4-Door	50S	3000	3279	3250	2.0	4	116	155	7PESABA	DFI	(*)	S	6	Y	29.1	3.591	42.9	26760	108.7	SDN	10.6	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																29.1	3.591	43.7	0	108.7	SDN	11.1	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
5	MAZDA3 5-Door W/SL	50S	3000	3199	3250	2.0	4	116	155	7PE3AAB	DFI	(*)	M	6	Y	35.4	3.850	42.2	21	118.0	SHB	11.0	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																35.4	3.850	41.9	0	118.0	SHB	11.3	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
6	MAZDA3 5-Door W/SL	50S	3000	3199	3250	2.0	4	116	155	7PE3ABB	DFI	(*)	M	6	Y	35.4	3.850	42.2	2240	118.0	SHB	11.0	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																35.4	3.850	41.9	0	118.0	SHB	11.3	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
7	MAZDA3 5-Door	50S	3000	3264	3250	2.0	4	116	155	7PESAAA	DFI	(*)	S	6	Y	29.1	3.591	43.1	68	118.0	SHB	10.9	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																29.1	3.591	42.5	0	118.0	SHB	11.3	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
8	MAZDA3 5-Door	50S	3000	3264	3250	2.0	4	116	155	7PESABA	DFI	(*)	S	6	Y	29.1	3.591	43.1	7371	118.0	SHB	10.9	P205/60 R16	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
																29.1	3.591	42.5	0	118.0	SHB	11.3	215/45 R18		61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
9	MAZDA3 4-Door W/SL	50S	3500	3322	3375	2.5	4	137	184	7PY3FAA	DFI	(*)	M	6	Y	35.4	3.850	38.5	29	108.7	SDN	11.2	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
10	MAZDA3 4-Door W/SL	50S	3500	3322	3375	2.5	4	137	184	7PY3FBA	DFI	(*)	M	6	Y	35.4	3.850	38.5	3236	108.7	SDN	11.2	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
11	Mazda3 4-Door	50S	3500	3404	3375	2.5	4	137	184	7PYSAAA	DFI	(*)	S	6	Y	27.4	3.389	41.0	273	108.7	SDN	11.1	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
12	MAZDA3 4-Door	50S	3500	3404	3375	2.5	4	137	184	7PYSACA	DFI	(*)	S	6	Y	27.4	3.389	41.0	30370	108.7	SDN	11.1	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
13	MAZDA3 4-Door W/I-ELOOP	50S	3500	3404	3375	2.5	4	137	184	7PYSAB	DFI	(*)	S	6	Y	27.4	3.389	42.5	0	108.7	SDN	10.9	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
14	MAZDA3 5-Door W/SL	50S	3500	3346	3375	2.5	4	137	184	7PY3FAA	DFI	(*)	M	6	Y	35.4	3.850	37.4	49	118.0	SHB	11.5	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
15	MAZDA3 5-Door W/SL	50S	3500	3346	3375	2.5	4	137	184	7PY3FBA	DFI	(*)	M	6	Y	35.4	3.850	37.4	5294	118.0	SHB	11.5	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
16	MAZDA3 5-Door	50S	3500	3410	3375	2.5	4	137	184	7PYSAAA	DFI	(*)	S	6	Y	27.4	3.389	40.9	238	118.0	SHB	11.3	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
17	MAZDA3 5-Door	50S	3500	3410	3375	2.5	4	137	184	7PYSACA	DFI	(*)	S	6	Y	27.4	3.389	40.9	25820	118.0	SHB	11.3	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y
18	MAZDA3 5-Door W/I-ELOOP	50S	3500	3410	3375	2.5	4	137	184	7PYSAB	DFI	(*)	S	6	Y	27.4	3.389	41.3	0	118.0	SHB	11.2	215/45 R18	x	61.3 ±1.0	61.3 ±1.0	61.3 ±1.0	106.3 ±1.0	45.3 ±1.2	24.3	Y	Y	Y

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

(*) TWC/WU-TWC/HO2S/WR-HO2S/DFI

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	33.8408	33.8	32.8

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	35.1	[82,319]	[112,906]
CX-5 4WD (2.2L) S6	38.9	[104]	
CX-9 2WD (2.5L_T/C) S6	32.4	[12,803]	
CX-9 4WD (2.5L_T/C) S6	29.8	[17,680]	

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	MVC	LVW	ETW	SP (L)	CYL	SAE NET KW	SAE NET HP	ENGINE CODE	FUEL SYS	EMS CTL SYS	T R N	G R S	O D	NV	AXLE	COMB FE	PROJ PROD VOL	PASS CARRYING VOL (10)	CARGO CARRYING VOL (10)	ROAD LOAD HP	TIRE SIZE	BASE TIRE	TRACK WIDTH Front (in)	TRACK WIDTH Rear (in)	TRACK WIDTH (in)	WHEEL BASE (in)	FOOT PRINT (ft ²)	FRNT AREA (ft ²)	OPTION(#1)		
																															A C	A B S	P S
1	CX-5 4WD	50S	4000	3993	4000	2.5	4	139	187	8PYUDGAAA	DFI	(*1)	S	6	Y	33.7	4.624	35.2	6750	103.6	30.9	14.2	P225/65 R17	x	62.8 ±1.0	62.8 ±1.0	62.8 ±1.0	106.2 ±1.0	46.3 ±1.2	28.0	Y	Y	Y
2	CX-5 4WD	50S	4000	4213	4250	2.2	4	130	174	8SHGAAA	DFI	(*2)	S	6	Y	31.8	4.411	38.9	104	103.6	30.9	14.7	P225/55 R19	x	62.8 ±1.0	62.8 ±1.0	62.8 ±1.0	106.2 ±1.0	46.3 ±1.2	28.0	Y	Y	Y
3	CX-9 2WD	50S	4500	4466	4500	2.5 T/C	4	169	227	7PYTSAAA	DFI	(*3)	S	6	Y	30.5	4.411	32.7	7618	135.0	14.4	14.6	P255/60 R18	x	65.3 ±1.0	65.2 ±1.0	65.2 ±1.0	115.3 ±1.0	52.2 ±1.2	30.4	Y	Y	Y
4	CX-9 4WD	50S	4500	4661	4750	2.5 T/C	4	169	227	7PYTGAAA	DFI	(*3)	S	6	Y	30.5	4.411	30.2	6736	135.0	14.4	15.7	P255/60 R18	x	65.3 ±1.0	65.2 ±1.0	65.2 ±1.0	115.3 ±1.0	52.2 ±1.2	30.4	Y	Y	Y
																30.5	4.411	29.6	10944	135.0	14.4	16.2	P255/50 R20		65.3 ±1.0	65.2 ±1.0	65.2 ±1.0	115.3 ±1.0	52.2 ±1.2	30.4	Y	Y	Y

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

(*1) TWC/WU-TWC/H02S/WR-H02S/DFI

(*2) WU-OC+NAC/NH3OC/SCRC/DPF/CAC/TC/DFI/EGRC/WR-H02S/NOXS/PMS/EGR/ROQS

(*3) TWC/WU-TWC/H02S/WR-H02S/DFI/CAC/TC/EGR/EGRC

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 < GVWR (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-5 2.2L S6 4x4	NO	NO	NO	NO	NO	YES	NO	17.0	15.4	22.5	20.9	23.2	24.8
3	CX-9 2.5L S6 4x2	NO	NO	NO	NO	YES	NO	NO	17.5	18.0	20.5	20.4	25.0	—
4	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

Category	Model Type Index	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	
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PC_J	1	TKX	1	2	Mazda2	1.5L Gasoline	1	M6	P185/65R15	101.2	58.8	58.4	58.6	41.2	128
PC_J	2	TKX	1	2	Mazda2	1.5L Gasoline	2	S6	P185/65R15	101.2	58.8	58.4	58.6	41.2	512
PC_J	3	TKX	1	50	MX5 (Soft Top & RHT)	2.0L Gasoline	13	M6 SIL	195/50R16	90.9	58.9	59.2	59.0	37.2	3,290
PC_J	4	TKX	1	50	MX5 (Soft Top & RHT)	2.0L Gasoline	14	S6	195/50R16	90.9	58.9	59.2	59.0	37.2	2,004
PC_J	5	TKX	1	3	CX-3 2WD	2.0L Gasoline	9	S6	P215/60R16	101.2	60.0	59.9	60.0	42.2	4,113
PC_J	6	TKX	1	4	CX-3 4WD	2.0L Gasoline	10	S6	P215/60R16	101.2	60.0	59.9	60.0	42.2	8,749
PC_J	7	TKX	1	15	Mazda6	2.5L Gasoline	17	M6 SIL	P225/55R17	111.4	62.4	62.0	62.2	48.1	814
PC_J	8	TKX	1	15	Mazda6	2.5L Gasoline w/ Cylinder Deactivation	18	S6	P225/55R17	111.4	62.4	62.0	62.2	48.1	15,460
PC_J	9	TKX	1	15	Mazda6	2.5L T/C Gasoline	19	S6	P225/45R19	111.4	62.8	62.4	62.6	48.4	20,342
PC_J	11	TKX	1	55	CX-5 2WD	2.5L Gasoline w/ Cylinder Deactivation	15	S6	P225/65R17	106.2	62.8	62.8	62.8	46.3	52,385
PC_J	12	TKX	1	55	CX-5 2WD	2.2L Diesel	20	S6	P225/55R19	106.2	62.8	62.8	62.8	46.3	45

TBD

TBD

Category	Projected Model Year Total Production Units	Footprint base Fleet Av. FE Standard (mpg)				Min. FE Standard (mpg)
Domestic PC	103,894	41.2	(rounded)	41.2300	(unrounded)	38.0
Import PC	107,842	40.5	(rounded)	40.4997	(unrounded)	N/A

Category	Model Type Index	Carline MFR Code	Division Code	Carline Code	Carline Name	Basic Engine Index	Transmission Class Index	Transmission Name (e.g. M5, S1L, L6, etc...)	Model Type Footprint 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 (gpm) target (rounded to 1 decimal place)	Footprint-base CO2 (gpm) target (unrounded)	Volume x Footprint-base CO2 target	Model Type CREE	Volume x Model Type CREE	NDO Compliance Std (gpm) per § 86.1818-12(f)(3)	CH4 Compliance Std (gpm) per §86.1818-12(f)(3) or (f)(3)	CO2 Equivalent Debits per § 86.1818-12(f)(4) (rounded to 2 decimal megagram)	Footprint-base FE (mpg) target (rounded to 2 decimal places)	Footprint-base FE (mpg) target (unrounded)	Volume x Footprint-base FE target
LT	1	TKX	1	56	CX-5 4WD	2.5L Gasoline w/ Cylinder Deactivation	16	S6	P225/65R17	106.2	62.8	62.8	62.8	46.3	82,319									33.78	33.779	2436.91533
LT	2	TKX	1	56	CX-5 4WD	2.2L Diesel	21	S6	P225/55R19	106.2	62.8	62.8	62.8	46.3	104									33.78	33.779	3,078,74482
LT	3	TKX	1	9	CX-9 2WD	2.5L T/C Gasoline	11	S6	P255/60R18	115.3	65.3	65.2	65.2	52.2	12,803									30.52	30.520	419,495413
LT	4	TKX	1	10	CX-9 4WD	2.5L T/C Gasoline	12	S6	P255/60R18	115.3	65.3	65.2	65.2	52.2	17,680									30.52	30.520	579,292267

Category	Projected Model Year Total Production Units	Footprint base Fleet Av. FE Standard (mpg)		Min. FE Standard (mpg)
Truck	(112,906)	(32.8) (rounded)	(32.8331) (unrounded)	N/A

information bracketed []

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 2018 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

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	2,803,892 credits are used to offset 2018MY debits	4,779,760
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	42.1	37.3	305,635	14,670,480	5,617,262 credits from 2011MY is expired by the end of 2016MY	14,670,480
2017	40.4	39.4	182,534	1,825,340	7,322,320 credits from 2012MY is expired by the end of 2017MY	1,825,340
2018 (2018MY Mid CAFE Report Projected Values)	37.9	40.5	107,842	-2,803,892	2018MY debits are offset by 2013MY credits and the remaining 2013MY credits (7,583,652-2,803,892) are expired by the end of 2018MY	0

Projected Total Credits at the end of 2018MY **45,180,863**

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	n/a	n/a	0	0	15,526 credits from 2011MY is expired by the end of 2016MY	0
2017	n/a	n/a	0	0	---	0
2018 (2018MY Mid CAFE Report Projected Values)	41.8	41.2	103,894	623,364	---	623,364

Projected Total Credits at the end of 2018MY **623,364**

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 debits 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	1,260,688	3,150,208 credits from 2010MY is expired by the end of 2015MY	1,260,688
2016	34.2	31.4	153,192	4,289,376	---	4,289,376
2017	33.7	32.3	74,414	1,041,796	---	1,041,796
2018 (2018MY Mid CAFE Report Projected Values)	33.8	32.8	112,906	1,129,060	1,405,139 credits from 2013MY is expired by the end of 2018MY	1,129,060

Projected Total Credits at the end of 2018MY **9,691,570**