

**BMW 2019 CAFE
Mid-Model Year Report**

**prepared by
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**submitted by
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Rolls-Royce
Motor Cars NA, LLC



Estimated footprint-based CAFE standard

With the enclosed footprint and production forecast figures we calculated the following BMW CAFE standards:

Passenger Cars: 40.7 MPG

Light Trucks: 31.1 MPG

BMW Corporate Average Fuel Economy

With the enclosed fuel economy and production forecast figures we calculated the following BMW CAFE standards:

	unadjusted	adjusted
Passenger Cars:	35.9 MPG	36.1 MPG

Light Trucks:	29.8 MPG
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BMW believes that the above projection sufficiently represents its average fuel economy for the current model year for the purposes of the Act

DATA HIGHLIGHTED IN RED TO BE TREATED AS

Make	Model Type	Tire option	Category PV/LT	Projected sales [#]	Tire dimension		Wheel base [inch]	Track width			Foot-print [ft ²]	CAFE [mpg]
					front	rear		front [inch]	rear [inch]	average [inch]		
BMW	X6 xDrive50i	V2	LT	245	255/50R19	255/50R19	115.5	64.6	67.2	65.9	52.9	30.79
BMW	X6 M	STD	LT	458	285/35R21	325/30R21	115.5	65.6	65.6	65.6	52.6	30.94
BMW	X6 M	V1	LT	5	285/40R20	325/35R20	115.5	65.6	65.6	65.6	52.6	30.94
BMW	X3 xDrive30i	STD	LT	31203	245/50R19	245/50R19	112.8	63	63.6	63.3	49.6	32.53
BMW	X3 xDrive30i	V1	LT	905	245/45R20	275/40R20	112.8	63.4	62.8	63.1	49.4	32.65
BMW	X3 xDrive30i	V2	LT	7152	225/60R18	225/60R18	112.8	63.8	64.4	64.1	50.2	32.2
BMW	X3 M40i	STD	LT	4856	245/50R19	245/50R19	112.8	63.2	63.6	63.4	49.7	32.48
BMW	X3 M40i	V1	LT	2093	245/45R20	275/40R20	112.8	63.6	62.8	63.2	49.5	32.59
BMW	X3 M40i	V2	LT	2032	245/40R21	275/35R21	112.8	63.3	62.8	63	49.4	32.65
BMW	X4 xDrive30i	V1	LT	3826	245/50R19	245/50R19	112.8	63	64.8	63.9	50.1	32.26
BMW	X4 M40i	STD	LT	874	245/40R21	275/35R21	112.8	63.3	63.9	63.6	49.8	32.42
BMW	X4 M40i	V1	LT	762	245/45R20	275/40R20	112.8	63.6	63.9	63.8	50	32.31
BMW	X4 M40i	V2	LT	1009	245/50R19	245/50R19	112.8	63.2	64.8	64	50.1	32.26
Total BMW LT fleet				122 432								31.1

Total fleet production volumes 360 536

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Rolls-Royce Motor Cars NA, LLC

DATA HIGHLIGHTED IN RED TO BE TREATED AS	PC-Fleet	LT-Fleet
Projected Production	238 104	122 432
Projected adjusted average Fuel Economy	35.9 MPG	29.8 MPG

Model	Type	Transmission	Projected Sales [#]	Combined FE [mpg]
MINI	Cooper Hardtop 2 Door	MT	863	43.0
MINI	Cooper Convertible	MT	353	42.8
MINI	Cooper Hardtop 4 Door	MT	532	42.8
MINI	Cooper S Convertible	MT	426	35.1
MINI	Cooper S Hardtop 2 Door	MT	1068	35.1
MINI	Cooper S Hardtop 4 Door	MT	523	35.1
MINI	John Cooper Works Hardtop	MT	411	35.1
MINI	Cooper Clubman ALL4	MT	87	34.4
MINI	Cooper Countryman ALL4	MT	287	34.4
MINI	Cooper Convertible	AT	2813	40.5
MINI	Cooper Hardtop 2 Door	AT	4459	40.5
MINI	Cooper Hardtop 4 Door	AT	3384	40.5
MINI	Cooper Clubman	AT	766	36.5
MINI	Cooper Countryman	AT	2866	36.5
MINI	Cooper Clubman ALL4	AT	523	34.8
MINI	Cooper Countryman ALL4	AT	1007	34.0
MINI	Cooper S Clubman ALL4	MT	210	31.9
MINI	John Cooper Works Clubman ALL4	MT	50	31.9
MINI	Cooper S Countryman ALL4	MT	816	32.1
MINI	JCW Countryman ALL4	MT	95	32.1
BMW	230i Coupe	MT	58	33.1
BMW	440i Coupe	MT	73	28.3
BMW	M240i Convertible	MT	51	28.3
MINI	Cooper S Hardtop 2 Door	AT	5185	38.0
MINI	Cooper S Hardtop 4 Door	AT	4400	38.0
MINI	John Cooper Works Hardtop	AT	594	38.0
MINI	Cooper S Convertible	AT	3063	38.0
MINI	John Cooper Works Convertible	AT	243	36.3
MINI	Cooper S Clubman ALL4	AT	2056	34.5
MINI	John Cooper Works Clubman ALL4	AT	172	34.5
BMW	230i xDrive Coupe	AT	390	34.5
MINI	Cooper S Countryman ALL4	AT	7348	35.5
MINI	JCW Countryman ALL4	AT	417	35.5
BMW	230i xDrive Convertible	AT	506	35.5
BMW	330i xDrive	AT	12541	35.5
BMW	330i xDrive Gran Turismo	AT	252	35.5
BMW	330i xDrive Sports Wagon	AT	421	35.5
BMW	430i xDrive Coupe	AT	1312	35.5
BMW	430i xDrive Gran Coupe	AT	4791	35.5
BMW	530i xDrive	AT	9405	35.5
BMW	X1 xDrive28i	AT	8334	35.5
BMW	X2 xDrive28i	AT	2887	35.5
BMW	X2 M35i	AT	691	35.5
BMW	230i Coupe	AT	447	37.2
BMW	Z4 sDrive30i	AT	1866	37.2
BMW	230i Convertible	AT	599	36.4
BMW	330i	AT	14547	36.4
BMW	430i Convertible	AT	2583	36.4
BMW	430i Coupe	AT	2360	36.4
BMW	430i Gran Coupe	AT	7165	36.4
BMW	530i	AT	8715	36.4
BMW	X3 sDrive30i	AT	31525	36.4
BMW	X1 sDrive28i	AT	5555	35.5
MINI	Cooper S Clubman	AT	1344	35.3
MINI	Cooper S Countryman	AT	4453	35.3
BMW	X2 sDrive28i	AT	2219	35.3
BMW	440i xDrive Coupe	MT	177	28.0
BMW	440i Coupe	AT	1153	32.3
BMW	440i Gran Coupe	AT	1991	32.3
BMW	540i	AT	6292	32.3
BMW	M240i Convertible	AT	375	32.3
BMW	M240i Coupe	AT	373	32.3
BMW	440i xDrive Coupe	AT	850	31.3
BMW	440i xDrive Gran Coupe	AT	1680	31.3
BMW	540i xDrive	AT	6918	31.3
BMW	M240i xDrive Convertible	AT	397	31.3
BMW	M240i xDrive Coupe	AT	345	31.3
BMW	430i xDrive Convertible	AT	2135	34.6
BMW	340i xDrive Gran Turismo	AT	67	30.2
BMW	440i xDrive Convertible	AT	1049	30.2
BMW	640i xDrive Gran Turismo	AT	1127	30.2
BMW	740i xDrive	AT	1430	30.2
BMW	440i Convertible	AT	935	31.5
BMW	740i	AT	3271	31.5
BMW	850i xDrive Convertible	AT	2069	26.6
BMW	850i xDrive Coupe	AT	1805	26.6
BMW	M550i xDrive	AT	2919	26.6
BMW	650i xDrive Gran Coupe	AT	44	25.7
BMW	ALPINA B6 xDrive Gran Coupe	AT	30	25.7
BMW	750i xDrive (G12)	AT	1787	25.7
BMW	ALPINA B7 xDrive	AT	206	25.7

Model	Type	Transmission	Projected Sales [#]	Combined FE [mpg]
BMW	650i Gran Coupe	AT	64	26.9
BMW	750i (G12)	AT	1860	26.9
BMW	740e xDrive iPerformance	AT	129	61.9
BMW	i3 120	AT	1192	409.4
BMW	i3s 120	AT	431	409.4
BMW	i3 120 REX	AT	2466	231.4
BMW	i3s 120 REX	AT	898	231.4
RRG	Dawn	AT	285	17.6
RRG	Ghost	AT	130	17.6
RRG	Ghost EWB	AT	25	17.6
RRG	Phantom	AT	135	18.0
RRG	Phantom EWB	AT	20	18.0
RRG	Wraith	AT	160	18.0
BMW	640i Gran Coupe	AT	48	31.1
BMW	640i xDrive Gran Coupe	AT	38	29.6
RRG	Cullinan	AT	631	18.2
BMW	M5	AT	1178	21.9
BMW	M5 Competition	AT	2408	21.9
BMW	M760i xDrive	AT	264	19.9
BMW	M6 Gran Coupe	AT	104	20.5
BMW	530e iPerformance	AT	6439	67.5
BMW	530e xDrive iPerformance	AT	2073	65.9
MINI	Cooper Clubman	MT	102	37.3
MINI	Cooper Countryman	MT	452	37.3
MINI	Cooper S Clubman	MT	103	33.4
MINI	John Cooper Works Convertible	MT	114	33.4
BMW	M240i Coupe	MT	87	28.8
BMW	430i Coupe	MT	54	33.6
BMW	i8	AT	406	63.4
BMW	i8 Spyder	AT	1303	63.4
BMW	M6 Gran Coupe	MT	4	21.9
BMW	M2 Competition	MT	575	26.3
BMW	M4 Convertible	MT	26	25.8
BMW	M4 Coupe	MT	82	26.3
BMW	M2 Competition	AT	592	24.7
BMW	M4 Coupe	AT	132	24.7
BMW	M4 CS	AT	405	24.7
BMW	M4 Convertible	AT	61	23.9
MINI	Cooper SE Countryman ALL4	AT	1993	61.3
BMW	M4 Coupe Competition	AT	452	24.7
BMW	M4 Convertible Competition	AT	209	23.9
BMW	M4 Coupe Competition	MT	178	26.3
BMW	M4 Convertible Competition	MT	78	25.8
BMW	M240i xDrive Coupe M-Performance	AT	61	31.3
RRG	Wraith BB	AT	40	18.0
RRG	Dawn BB	AT	50	17.6
RRG	Ghost BB	AT	35	17.6
Total BMW Group Passenger Vehicle Fleet			238 104	35.7195
			adjusted FE	35.9

Model	Type	Transmission	Projected Sales [#]	Combined FE [mpg]
BMW	X3 xDrive30i	AT	39260	32.7
BMW	X5 xDrive50i	AT	4660	23.5
BMW	X6 xDrive50i	AT	615	23.5
BMW	X7 xDrive50i	AT	4427	23.5
BMW	X3 M40i	AT	8981	29.9
BMW	X4 M40i	AT	2645	29.9
BMW	X4 xDrive30i	AT	5490	32.7
BMW	X6 xDrive35i	AT	2780	26.4
BMW	X6 sDrive35i	AT	1433	26.7
BMW	X6 M	AT	463	20.7
BMW	X5 xDrive40i	AT	42272	29.7
BMW	X7 xDrive40i	AT	9406	28.6
Total BMW Group Light Truck Fleet			122 432	29.8