

# **BMW 2018 CAFE Mid-Model Year Report**

**prepared by**

**BMW of North America, LLC**

**submitted by  
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## **Estimated footprint-based CAFE standard**

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

<u>Passenger Cars:</u>	39.6 mpg
<u>Light Trucks:</u>	31.1 mpg

## **BMW Corporate Average Fuel Economy**

With the enclosed fuel economy data and production forecast figures we calculated the following fuel economy averages:

	<u>unadjusted</u>	<u>adjusted</u>
<u>Passenger Cars:</u>	35.2 mpg	35.4 mpg
<u>Light Trucks:</u>	29.3 mpg	

BMW believes that the above projection sufficiently represents its average fuel economy for the current model year for the purposes of the Act.

**Calculation of footprint-based fleet average CAFE standard (required Fuel Economy) Mid-Model Year 2018**

Passenger Car (PC)	MPG	MPG = 1 / (c * f + d) f = Footprint [ft <sup>2</sup> ]		MPG	Light Truck (LT)	MPG	MPG = 1 / (c * f + d) f = Footprint [ft <sup>2</sup> ]		MPG = 1 / (g * f + h) f = Footprint [ft <sup>2</sup> ]		MPG
		c	d				c	d	g	h	
		≤ 41 [ft <sup>2</sup> ]	41 < Footprint ≤ 56				> 56 [ft <sup>2</sup> ]	≤ 41 [ft <sup>2</sup> ]	41 < Footprint ≤ 60.2	60.2 < Footprint ≤ 66	
	45.21	0.0004954	0.001811	33.84		37.36	0.0005358	0.004797	0.000455	0.009682	25.20
Projected Production PC-Fleet		268 709			Projected Production LT-Fleet		100 820				
Required Fuel Economy PC-Fleet		39.6 MPG			Required Fuel Economy LT-Fleet		31.1 MPG				

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 <sup>2</sup> ]	CAFE [mpg]
					front	rear		front [inch]	rear [inch]	average [inch]		
BMW	M6 Convertible	STD	PV	163	265/35R20	295/30R20	112.2	64.2	63.5	63.8	49.7	37.83
BMW	M6 Convertible	V1	PV	20	265/40R19	295/35R19	112.2	64.2	63.5	63.8	49.7	37.83
BMW	650i Convertible	STD	PV	192	245/35R20	275/30R20	112.4	62.8	64.4	63.6	49.6	37.9
BMW	650i Convertible	V1	PV	44	245/40R19	245/40R19	112.4	62.8	65.3	64	50	37.62
BMW	640i Convertible	STD	PV	166	245/35R20	275/30R20	112.4	62.8	64.4	63.6	49.6	37.9
BMW	640i Convertible	V1	PV	26	245/40R19	245/40R19	112.4	62.8	65.3	64	50	37.62
BMW	640i Convertible	V2	PV	20	245/45R18	245/45R18	112.4	63	65.6	64.3	50.2	37.48
BMW	640i Convertible	V3	PV	7	245/40R19	275/35R19	112.4	62.8	65.3	64	50	37.62
BMW	M6 Gran Coupe	STD	PV	156	265/35R20	295/30R20	116.7	64.2	63.5	63.8	51.7	36.47
BMW	650i xDrive Convertible	STD	PV	168	245/40R19	245/40R19	112.4	62.8	65.3	64	50	37.62
BMW	650i xDrive Convertible	V1	PV	43	245/35R20	275/30R20	112.4	62.8	64.4	63.6	49.6	37.9
BMW	650i xDrive Convertible	V2	PV	1	245/40R19	275/35R19	112.4	62.8	65.3	64	50	37.62
BMW	640i Gran Coupe	STD	PV	238	245/35R20	275/30R20	116.9	62.8	64.4	63.6	51.6	36.53
BMW	640i Gran Coupe	V1	PV	36	245/40R19	245/40R19	116.9	62.8	65.3	64	52	36.27
BMW	640i Gran Coupe	V2	PV	14	245/45R18	245/45R18	116.9	63	65.6	64.3	52.2	36.14
BMW	640i Gran Coupe	V3	PV	6	245/40R19	275/35R19	116.9	62.8	65.3	64	52	36.27
BMW	650i Gran Coupe	STD	PV	188	245/35R20	275/30R20	116.9	62.8	64.4	63.6	51.6	36.53
BMW	650i Gran Coupe	V1	PV	19	245/40R19	245/40R19	116.9	62.8	65.3	64	52	36.27
BMW	650i xDrive Gran Coupe	STD	PV	101	245/35R20	275/30R20	116.9	62.8	64.4	63.6	51.6	36.53
BMW	650i xDrive Gran Coupe	V1	PV	79	245/40R19	245/40R19	116.9	62.8	65.3	64	52	36.27
BMW	650i xDrive Gran Coupe	V2	PV	1	245/40R19	275/35R19	116.9	62.8	65.3	64	52	36.27
BMW	ALPINA B6 xDrive Gran Coupe	STD	PV	56	255/35R20	285/30R20	116.9	62.8	63.9	63.4	51.5	36.6
BMW	ALPINA B6 xDrive Gran Coupe	V1	PV	39	255/35R20	295/30R20	116.9	62.8	63.9	63.4	51.5	36.6
BMW	320i xDrive Sedan	STD	PV	6212	225/50R17	225/50R17	110.6	60.3	61.8	61	46.9	39.93
BMW	320i xDrive Sedan	V1	PV	2095	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	320i xDrive Sedan	V2	PV	64	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	640i xDrive Gran Coupe	STD	PV	195	245/40R19	245/40R19	116.9	62.8	65.3	64	52	36.27
BMW	640i xDrive Gran Coupe	V1	PV	17	245/35R20	275/30R20	116.9	62.8	64.4	63.6	51.6	36.53
BMW	640i xDrive Gran Coupe	V2	PV	8	245/45R18	245/45R18	116.9	63	65.6	64.3	52.2	36.14
BMW	640i xDrive Convertible	STD	PV	68	245/40R19	245/40R19	112.4	62.8	65.3	64	50	37.62
BMW	640i xDrive Convertible	V1	PV	40	245/35R20	275/30R20	112.4	62.8	64.4	63.6	49.6	37.9
BMW	640i xDrive Convertible	V2	PV	16	245/45R18	245/45R18	112.4	63	65.6	64.3	50.2	37.48
BMW	640i xDrive Convertible	V3	PV	2	245/40R19	275/35R19	112.4	62.8	65.3	64	50	37.62
BMW	328d Sedan	STD	PV	244	225/50R17	225/50R17	110.6	60.3	61.9	61.1	46.9	39.93
BMW	328d Sedan	V1	PV	382	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	328d Sedan	V2	PV	256	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	328d xDrive Sedan	STD	PV	546	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	328d xDrive Sedan	V1	PV	199	225/50R17	225/50R17	110.6	60.3	61.8	61	46.9	39.93
BMW	328d xDrive Sedan	V2	PV	50	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	328d xDrive Sports Wagon	STD	PV	391	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	328d xDrive Sports Wagon	V1	PV	151	225/50R17	225/50R17	110.6	60.3	61.8	61	46.9	39.93
BMW	328d xDrive Sports Wagon	V2	PV	74	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	i3	STD	PV	1235	155/70R19	175/60R19	101.2	61.9	62	62	43.6	42.72
BMW	i3	V1	PV	169	155/60R20	175/55R20	101.2	61.9	61.3	61.6	43.3	42.99
BMW	i3s	STD	PV	517	175/55R20	195/50R20	101.2	62.7	62.4	62.6	44	42.36
BMW	M3 Sedan	STD	PV	277	255/40R18	275/40R18	110.7	62.2	63.1	62.6	48.1	39
BMW	M3 Sedan	V1	PV	3691	265/30R20	285/30R20	110.7	62.2	63.1	62.6	48.1	39
BMW	M3 Sedan	V2	PV	1295	255/35R19	275/35R19	110.7	62.2	63.1	62.6	48.1	39
BMW	M3 CS	STD	PV	13	265/35R19	285/30R20	110.7	62.2	63.1	62.6	48.1	39
BMW	M4 Coupe	STD	PV	241	255/40R18	275/40R18	110.7	62.2	63.1	62.6	48.1	39
BMW	M4 Coupe	V1	PV	1875	265/30R20	285/30R20	110.7	62.2	63.1	62.6	48.1	39
BMW	M4 Coupe	V2	PV	789	255/35R19	275/35R19	110.7	62.2	63.1	62.6	48.1	39
BMW	M4 Convertible	STD	PV	908	265/30R20	285/30R20	110.7	62.2	63.1	62.6	48.1	39
BMW	M4 Convertible	V1	PV	467	255/35R19	275/35R19	110.7	62.2	63.1	62.6	48.1	39
BMW	M4 Convertible	V2	PV	149	255/40R18	275/40R18	110.7	62.2	63.1	62.6	48.1	39
BMW	340i Sedan	STD	PV	1295	225/40R19	255/35R19	110.6	60.4	61.1	60.8	46.7	40.09
BMW	340i Sedan	V1	PV	832	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	340i Sedan	V2	PV	323	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	340i xDrive Sedan	STD	PV	2583	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	340i xDrive Sedan	V1	PV	548	225/40R19	255/35R19	110.6	60.4	61.1	60.8	46.7	40.09
BMW	340i xDrive Sedan	V2	PV	233	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	X1 xDrive28i	STD	PV	24407	225/50R18	225/50R18	105.1	61.5	61.6	61.6	45	41.49
BMW	X1 xDrive28i	V1	PV	684	225/45R19	225/45R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	X1 sDrive28i	STD	PV	12269	225/50R18	225/50R18	105.1	61.5	61.6	61.6	45	41.49
BMW	X1 sDrive28i	V1	PV	1168	225/45R19	225/45R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	330e Sedan	STD	PV	812	225/50R17	225/50R17	110.6	60.3	61.9	61.1	46.9	39.93
BMW	330e Sedan	V1	PV	1582	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	330e Sedan	V2	PV	2522	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	M2 Coupe	STD	PV	2744	245/35R19	265/35R19	106	62.2	63	62.6	46.1	40.57
BMW	230i Coupe	STD	PV	421	225/40R18	245/35R18	105.9	59.5	60.3	59.9	44.1	42.27
BMW	230i Coupe	V1	PV	618	205/50R17	205/50R17	105.9	59.9	61.3	60.6	44.6	41.83
BMW	230i Coupe	V2	PV	196	225/40R18	225/40R18	105.9	59.5	60.9	60.2	44.3	42.09
BMW	230i xDrive Coupe	STD	PV	331	205/50R17	205/50R17	105.9	59.9	61.3	60.6	44.6	41.83
BMW	230i xDrive Coupe	V1	PV	412	225/40R18	225/40R18	105.9	59.5	60.9	60.2	44.3	42.09
BMW	230i xDrive Coupe	V2	PV	60	225/40R18	245/35R18	105.9	59.5	60.3	59.9	44.1	42.27
BMW	230i Convertible	STD	PV	388	225/40R18	245/35R18	105.9	59.5	60.3	59.9	44.1	42.27
BMW	230i Convertible	V1	PV	609	205/50R17	205/50R17	105.9	59.9	61.3	60.6	44.6	41.83
BMW	230i Convertible	V2	PV	258	225/40R18	225/40R18	105.9	59.5	60.9	60.2	44.3	42.09
BMW	230i xDrive Convertible	STD	PV	385	205/50R17	205/50R17	105.9	59.9	61.3	60.6	44.6	41.83
BMW	230i xDrive Convertible	V1	PV	544	225/40R18	225/40R18	105.9	59.5	60.9	60.2	44.3	42.09
BMW	230i xDrive Convertible	V2	PV	48	225/40R18	245/35R18	105.9	59.5	60.3	59.9	44.1	42.27
BMW	330i Sedan	STD	PV	5450	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	330i Sedan	V1	PV	4454	225/50R17	225/50R17	110.6	60.3	61.9	61.1	46.9	39.93
BMW	330i Sedan	V2	PV	2298	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	330i xDrive Sedan	STD	PV	6561	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	330i xDrive Sedan	V1	PV	3736	225/50R17	225/50R17	110.6	60.3	61.8	61	46.9	39.93
BMW	330i xDrive Sedan	V2	PV	251	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09

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 [ft²]	CAFE [mpg]
					front	rear		front [inch]	rear [inch]	average [inch]		
BMW	330i xDrive Sports Wagon	STD	PV	376	225/50R17	225/50R17	110.6	60.3	61.8	61	46.9	39.93
BMW	330i xDrive Sports Wagon	V1	PV	535	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	330i xDrive Sports Wagon	V2	PV	136	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	330i xDrive Gran Turismo	STD	PV	217	225/45R19	225/45R19	115	61	62.8	61.9	49.4	38.05
BMW	330i xDrive Gran Turismo	V1	PV	1938	225/50R18	225/50R18	115	60.7	62.4	61.6	49.2	38.19
BMW	330i xDrive Gran Turismo	V2	PV	70	225/45R19	255/40R19	115	61	61.7	61.4	49	38.34
BMW	330i xDrive Gran Turismo	V3	PV	17	225/50R18	255/45R18	115	60.7	61.7	61.2	48.9	38.41
BMW	430i Coupe	STD	PV	240	225/45R18	255/40R18	110.6	61.1	61.9	61.5	47.2	39.69
BMW	430i Coupe	V1	PV	571	225/40R19	255/35R19	110.6	61	61.9	61.4	47.2	39.69
BMW	430i Coupe	V2	PV	826	225/45R18	225/45R18	110.6	61.1	63	62	47.6	39.38
BMW	430i Coupe	V3	PV	220	225/40R19	225/40R19	110.6	61	62.8	61.9	47.5	39.46
BMW	430i xDrive Coupe	STD	PV	171	225/40R19	225/40R19	110.6	60.8	62.6	61.7	47.4	39.54
BMW	430i xDrive Coupe	V1	PV	929	225/45R18	225/45R18	110.6	61	62.8	61.9	47.5	39.46
BMW	430i xDrive Coupe	V2	PV	102	225/40R19	255/35R19	110.6	60.8	61.8	61.3	47.1	39.77
BMW	430i xDrive Coupe	V3	PV	5	225/45R18	255/40R18	110.6	61	61.8	61.4	47.2	39.69
BMW	430i Gran Coupe	STD	PV	654	225/45R18	255/40R18	110.6	61.1	61.9	61.5	47.2	39.69
BMW	430i Gran Coupe	V1	PV	4523	225/45R18	225/45R18	110.6	61.1	62.9	62	47.6	39.38
BMW	430i Gran Coupe	V2	PV	761	225/40R19	225/40R19	110.6	60.9	62.8	61.8	47.5	39.46
BMW	430i Gran Coupe	V3	PV	1821	225/40R19	255/35R19	110.6	60.9	61.9	61.4	47.2	39.69
BMW	430i xDrive Gran Coupe	STD	PV	355	225/40R19	255/35R19	110.6	60.8	61.9	61.4	47.2	39.69
BMW	430i xDrive Gran Coupe	V1	PV	4444	225/45R18	225/45R18	110.6	61	62.9	62	47.6	39.38
BMW	430i xDrive Gran Coupe	V2	PV	580	225/40R19	225/40R19	110.6	60.8	62.8	61.8	47.5	39.46
BMW	430i xDrive Gran Coupe	V3	PV	31	225/45R18	255/40R18	110.6	61	61.9	61.4	47.2	39.69
BMW	430i Convertible	STD	PV	5072	225/45R18	225/45R18	110.6	61	63	62	47.6	39.38
BMW	430i Convertible	V1	PV	461	225/40R19	225/40R19	110.6	60.9	62.8	61.8	47.5	39.46
BMW	430i Convertible	V2	PV	937	225/40R19	255/35R19	110.6	60.9	61.9	61.4	47.2	39.69
BMW	430i Convertible	V3	PV	176	225/45R18	255/40R18	110.6	61	61.9	61.4	47.2	39.69
BMW	430i xDrive Convertible	STD	PV	297	225/40R19	225/40R19	110.6	60.8	62.8	61.8	47.5	39.46
BMW	430i xDrive Convertible	V1	PV	3384	225/45R18	225/45R18	110.6	61	63	62	47.6	39.38
BMW	430i xDrive Convertible	V2	PV	40	225/40R19	255/35R19	110.6	60.8	61.9	61.4	47.2	39.69
BMW	430i xDrive Convertible	V3	PV	2	225/45R18	255/40R18	110.6	61	61.9	61.4	47.2	39.69
BMW	530i Sedan	STD	PV	2034	245/40R19	275/35R19	117.1	63	62.8	62.9	51.1	36.87
BMW	530i Sedan	V1	PV	1150	245/40R19	245/40R19	117.1	63	63.9	63.4	51.6	36.53
BMW	530i Sedan	V2	PV	4543	245/45R18	245/45R18	117.1	63	63.9	63.4	51.6	36.53
BMW	530i xDrive Sedan	STD	PV	2469	245/40R19	245/40R19	117.1	63	63.9	63.4	51.6	36.53
BMW	530i xDrive Sedan	V1	PV	5388	245/45R18	245/45R18	117.1	63	63.9	63.4	51.6	36.53
BMW	530i xDrive Sedan	V2	PV	15	245/40R19	275/35R19	117.1	63	62.8	62.9	51.1	36.87
BMW	M240i Coupe	STD	PV	584	225/40R18	245/35R18	105.9	59.7	60.4	60	44.1	42.27
BMW	M240i Coupe	V1	PV	219	225/40R18	225/40R18	105.9	59.7	61	60.4	44.4	42
BMW	M240i Coupe	V2	PV	94	225/35R19	245/30R19	105.9	59.7	60.4	60	44.1	42.27
BMW	M240i Convertible	STD	PV	542	225/40R18	245/35R18	105.9	59.7	60.4	60	44.1	42.27
BMW	M240i Convertible	V1	PV	254	225/40R18	225/40R18	105.9	59.7	61	60.4	44.4	42
BMW	M240i xDrive Coupe	STD	PV	245	225/40R18	245/35R18	105.9	59.7	60.4	60	44.1	42.27
BMW	M240i xDrive Coupe	V1	PV	372	225/40R18	225/40R18	105.9	59.7	61	60.4	44.4	42
BMW	M240i xDrive Convertible	STD	PV	213	225/40R18	245/35R18	105.9	59.7	60.4	60	44.1	42.27
BMW	M240i xDrive Convertible	V1	PV	357	225/40R18	225/40R18	105.9	59.7	61	60.4	44.4	42
BMW	440i Convertible	STD	PV	633	225/40R19	255/35R19	110.6	60.9	61.9	61.4	47.2	39.69
BMW	440i Convertible	V1	PV	339	225/45R18	225/45R18	110.6	61	63	62	47.6	39.38
BMW	440i Convertible	V2	PV	114	225/45R18	255/40R18	110.6	61	61.9	61.4	47.2	39.69
BMW	440i Convertible	V3	PV	88	225/40R19	225/40R19	110.6	60.9	62.8	61.8	47.5	39.46
BMW	440i Coupe	STD	PV	236	225/45R18	225/45R18	110.6	61.1	63	62	47.6	39.38
BMW	440i Coupe	V1	PV	662	225/40R19	255/35R19	110.6	61	61.9	61.4	47.2	39.69
BMW	440i Coupe	V2	PV	192	225/45R18	255/40R18	110.6	61.1	61.9	61.5	47.2	39.69
BMW	440i Coupe	V3	PV	66	225/40R19	225/40R19	110.6	61	62.8	61.9	47.5	39.46
BMW	440i Gran Coupe	STD	PV	1225	225/40R19	255/35R19	110.6	60.9	61.9	61.4	47.2	39.69
BMW	440i Gran Coupe	V1	PV	418	225/45R18	225/45R18	110.6	61.1	62.9	62	47.6	39.38
BMW	440i Gran Coupe	V2	PV	337	225/45R18	255/40R18	110.6	61.1	61.9	61.5	47.2	39.69
BMW	440i Gran Coupe	V3	PV	120	225/40R19	225/40R19	110.6	60.9	62.8	61.8	47.5	39.46
BMW	440i xDrive Convertible	STD	PV	878	225/45R18	225/45R18	110.6	61	63	62	47.6	39.38
BMW	440i xDrive Convertible	V1	PV	121	225/40R19	225/40R19	110.6	60.8	62.8	61.8	47.5	39.46
BMW	440i xDrive Convertible	V2	PV	229	225/40R19	255/35R19	110.6	60.8	61.9	61.4	47.2	39.69
BMW	440i xDrive Convertible	V3	PV	5	225/45R18	255/40R18	110.6	61	61.9	61.4	47.2	39.69
BMW	440i xDrive Coupe	STD	PV	694	225/45R18	225/45R18	110.6	61	62.8	61.9	47.5	39.46
BMW	440i xDrive Coupe	V1	PV	186	225/40R19	255/35R19	110.6	60.8	61.8	61.3	47.1	39.77
BMW	440i xDrive Coupe	V2	PV	77	225/40R19	225/40R19	110.6	60.8	62.6	61.7	47.4	39.54
BMW	440i xDrive Coupe	V3	PV	47	225/45R18	255/40R18	110.6	61	61.8	61.4	47.2	39.69
BMW	440i xDrive Gran Coupe	STD	PV	146	225/40R19	225/40R19	110.6	60.8	62.8	61.8	47.5	39.46
BMW	440i xDrive Gran Coupe	V1	PV	311	225/40R19	255/35R19	110.6	60.8	61.9	61.4	47.2	39.69
BMW	440i xDrive Gran Coupe	V2	PV	1120	225/45R18	225/45R18	110.6	61	62.9	62	47.6	39.38
BMW	440i xDrive Gran Coupe	V3	PV	66	225/45R18	255/40R18	110.6	61	61.9	61.4	47.2	39.69
BMW	340i xDrive Gran Turismo	STD	PV	290	225/50R18	225/50R18	115	60.7	62.4	61.6	49.2	38.19
BMW	340i xDrive Gran Turismo	V1	PV	61	225/45R19	225/45R19	115	61	62.8	61.9	49.4	38.05
BMW	340i xDrive Gran Turismo	V2	PV	41	225/45R19	255/40R19	115	61	61.7	61.4	49	38.34
BMW	340i xDrive Gran Turismo	V3	PV	1	225/50R18	255/45R18	115	60.7	61.7	61.2	48.9	38.41
BMW	540i Sedan	STD	PV	900	245/40R19	275/35R19	117.1	63	62.8	62.9	51.1	36.87
BMW	540i Sedan	V1	PV	1862	245/45R18	245/45R18	117.1	63	63.9	63.4	51.6	36.53
BMW	540i Sedan	V2	PV	2074	245/40R19	245/40R19	117.1	63	63.9	63.4	51.6	36.53
BMW	540i Sedan	V3	PV	2180	245/35R20	275/30R20	117.1	63	62.8	62.9	51.1	36.87
BMW	540i xDrive Sedan	STD	PV	283	245/35R20	275/30R20	117.1	63	62.8	62.9	51.1	36.87
BMW	540i xDrive Sedan	V1	PV	2938	245/45R18	245/45R18	117.1	63	63.9	63.4	51.6	36.53
BMW	540i xDrive Sedan	V2	PV	3599	245/40R19	245/40R19	117.1	63	63.9	63.4	51.6	36.53
BMW	540i xDrive Sedan	V3	PV	77	245/40R19	275/35R19	117.1	63	62.8	62.9	51.1	36.87
BMW	M760i xDrive Sedan	STD	PV	432	245/40R20	275/35R20	126.4	63.8	63.7	63.8	56	33.84
BMW	M760i xDrive Sedan	V1	PV	17	245/45R19	245/45R19	126.4	63.8	65	64.4	56.5	33.84
BMW	540d xDrive Sedan	STD	PV	149	245/40R19	245/40R19	117.1	63	63.9	63.4	51.6	36.53
BMW	540d xDrive Sedan	V1	PV	87	245/45R18	245/45R18	117.1	63	63.9	63.4	51.6	36.53
BMW	540d xDrive Sedan	V2	PV	40	245/35R20	275/30R20	117.1	63	62.8	62.9	51.1	36.87
BMW	540d xDrive Sedan	V3	PV	30	245/40R19	275/35R19	117.1	63	62.8	62.9	51.1	36.87
BMW	i3 with Range Extender	STD	PV	2675	155/70R19	175/60R19	101.2	61.9	61.3	61.6	43.3	42.99
BMW	i3 with Range Extender	V1	PV	638	155/60R20	175/55R20	101.2	61.9	61.3	61.6	43.3	42.99
BMW	740e xDrive Sedan	STD	PV	425	245/45R19	245/45R19	126.4	63.8	65	64.4	56.5	33.84
BMW	740e xDrive Sedan	V1	PV	161	245/50R18	245/50R18	126.4	63.4	64.6	64	56.2	33.84
BMW	740e xDrive Sedan	V2	PV	31	245/45R19	275/40R19	126.4	63.8	63.9	63.8	56	33.84
BMW	530e Sedan	STD	PV	2735	245/40R19	275/35R19	117.1	62.9	62.9	62.9	51.1	36.87
BMW	530e Sedan	V1	PV	2693	245/45R18	245/45R18	117.1	62.9	64	63.4	51.6	36.53
BMW	530e Sedan	V2	PV	1373	245/40R19	245/40R19	117.1	62.9	64	63.4	51.6	36.53
BMW	530e xDrive Sedan	STD	PV	1453	245/40R19	245						



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 [ft²]	CAFE [mpg]
					front	rear		front [inch]	rear [inch]	average [inch]		
BMW	530e xDrive Sedan	V2	PV	41	245/40R19	275/35R19	117.1	62.9	62.9	62.9	51.1	36.87
BMW	M550i xDrive Sedan	STD	PV	2978	245/35R20	275/30R20	117.1	63	62.9	63	51.2	36.8
BMW	M550i xDrive Sedan	V1	PV	906	245/40R19	245/40R19	117.1	63	64	63.5	51.6	36.53
BMW	M550i xDrive Sedan	V2	PV	1416	245/40R19	275/35R19	117.1	63	62.9	63	51.2	36.8
BMW	640i xDrive Gran Turismo	STD	PV	1403	245/45R19	245/45R19	120.9	63.7	65	64.4	54.1	34.95
BMW	640i xDrive Gran Turismo	V1	PV	697	245/40R20	275/35R20	120.9	63.7	63.7	63.7	53.5	35.32
BMW	640i xDrive Gran Turismo	V2	PV	353	245/45R19	275/40R19	120.9	63.7	63.9	63.8	53.6	35.26
BMW	M5 Sedan	STD	PV	1531	275/35R20	285/35R20	117.4	63.9	62.8	63.4	51.7	36.47
BMW	M5 Sedan	V1	PV	119	275/40R19	285/40R19	117.4	64	62.8	63.4	51.7	36.47
BMW	X2 xDrive28i	STD	PV	5214	225/50R18	225/50R18	105.1	61.6	61.6	61.6	45	41.49
BMW	X2 xDrive28i	V1	PV	1725	225/40R20	225/40R20	105.1	61.7	61.7	61.7	45	41.49
BMW	X2 xDrive28i	V2	PV	5920	225/45R19	225/45R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	i3s with Range Extender	STD	PV	1176	175/55R20	195/50R20	101.2	62.7	62.4	62.6	44	42.36
BMW	X2 sDrive28i	STD	PV	2622	225/45R19	225/45R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	X2 sDrive28i	V1	PV	3087	225/50R18	225/50R18	105.1	61.6	61.6	61.6	45	41.49
BMW	X2 sDrive28i	V2	PV	989	225/40R20	225/40R20	105.1	61.7	61.7	61.7	45	41.49
BMW	320i Sedan	STD	PV	954	225/45R18	255/40R18	110.6	60.5	61.1	60.8	46.7	40.09
BMW	320i Sedan	V1	PV	1670	225/45R18	225/45R18	110.6	60.5	62.1	61.3	47.1	39.77
BMW	320i Sedan	V2	PV	6579	225/50R17	225/50R17	110.6	60.3	61.9	61.1	46.9	39.93
BMW	740i Sedan	STD	PV	140	245/45R19	275/40R19	126.4	63.9	63.9	63.9	56.1	33.84
BMW	740i Sedan	V1	PV	841	245/40R20	275/35R20	126.4	63.9	63.7	63.8	56	33.84
BMW	740i Sedan	V2	PV	804	245/45R19	245/45R19	126.4	63.9	65	64.4	56.5	33.84
BMW	740i Sedan	V3	PV	424	245/50R18	245/50R18	126.4	63.5	64.6	64	56.2	33.84
BMW	740i xDrive Sedan	STD	PV	485	245/45R19	245/45R19	126.4	63.8	65	64.4	56.5	33.84
BMW	740i xDrive Sedan	V1	PV	374	245/50R18	245/50R18	126.4	63.4	64.6	64	56.2	33.84
BMW	740i xDrive Sedan	V2	PV	97	245/40R20	275/35R20	126.4	63.8	63.7	63.8	56	33.84
BMW	740i xDrive Sedan	V3	PV	1	245/45R19	275/40R19	126.4	63.8	63.9	63.8	56	33.84
BMW	750i Sedan	STD	PV	426	245/45R19	245/45R19	126.4	63.9	65	64.4	56.5	33.84
BMW	750i Sedan	V1	PV	1261	245/40R20	275/35R20	126.4	63.9	63.7	63.8	56	33.84
BMW	750i Sedan	V2	PV	76	245/45R19	275/40R19	126.4	63.9	63.9	63.9	56.1	33.84
BMW	750i Sedan	V3	PV	45	245/50R18	245/50R18	126.4	63.5	64.6	64	56.2	33.84
BMW	750i xDrive Sedan	STD	PV	620	245/40R20	275/35R20	126.4	63.8	63.7	63.8	56	33.84
BMW	750i xDrive Sedan	V1	PV	1441	245/45R19	245/45R19	126.4	63.8	65	64.4	56.5	33.84
BMW	750i xDrive Sedan	V2	PV	71	245/50R18	245/50R18	126.4	63.4	64.6	64	56.2	33.84
BMW	750i xDrive Sedan	V3	PV	66	245/45R19	275/40R19	126.4	63.8	63.9	63.8	56	33.84
BMW	ALPINA B7 xDrive	STD	PV	252	255/35R21	295/30R21	126.4	63.9	63.7	63.8	56	33.84
BMW	ALPINA B7 xDrive	V1	PV	123	255/40R20	295/35R20	126.4	63.9	63.7	63.8	56	33.84
MINI	COOPER HARDTOP 2-DOOR	STD	PV	1506	175/65R15	175/65R15	98.2	59.1	59.1	59.1	40.3	45.21
MINI	COOPER HARDTOP 2-DOOR	V1	PV	575	205/45R17	205/45R17	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER HARDTOP 2-DOOR	V2	PV	1781	195/55R16	195/55R16	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER HARDTOP 2-DOOR	V3	PV	16	205/40R18	205/40R18	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S HARDTOP 2-DOOR	STD	PV	1938	205/45R17	205/45R17	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S HARDTOP 2-DOOR	V1	PV	1012	195/55R16	195/55R16	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S HARDTOP 2-DOOR	V2	PV	117	205/40R18	205/40R18	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S HARDTOP 4-DOOR	STD	PV	1471	205/45R17	205/45R17	101.1	58.5	58.5	58.5	41.1	45.1
MINI	COOPER S HARDTOP 4-DOOR	V1	PV	731	195/55R16	195/55R16	101.1	58.5	58.5	58.5	41.1	45.1
MINI	COOPER S HARDTOP 4-DOOR	V2	PV	78	205/40R18	205/40R18	101.1	58.5	58.5	58.5	41.1	45.1
MINI	JCW HARDTOP	STD	PV	133	205/40R18	205/40R18	98.2	58.5	58.5	58.5	39.9	45.21
MINI	JCW HARDTOP	V1	PV	287	205/45R17	205/45R17	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S CONVERTIBLE	STD	PV	463	195/55R16	195/55R16	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S CONVERTIBLE	V1	PV	948	205/45R17	205/45R17	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S CONVERTIBLE	V2	PV	99	205/40R18	205/40R18	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER S CLUBMAN	STD	PV	237	225/40R18	225/40R18	105.1	61.1	61.2	61.2	44.7	41.74
MINI	COOPER S CLUBMAN	V1	PV	577	225/45R17	225/45R17	105.1	61.4	61.5	61.4	44.8	41.66
MINI	COOPER S CLUBMAN	V2	PV	6	225/35R19	225/35R19	105.1	61.1	61.2	61.2	44.7	41.74
MINI	COOPER CLUBMAN	STD	PV	219	205/55R16	205/55R16	105.1	61.5	61.6	61.6	45	41.49
MINI	COOPER CLUBMAN	V1	PV	406	225/45R17	225/45R17	105.1	61.4	61.5	61.4	44.8	41.66
MINI	COOPER CLUBMAN	V2	PV	25	225/40R18	225/40R18	105.1	61.1	61.2	61.2	44.7	41.74
MINI	COOPER CONVERTIBLE	STD	PV	401	195/55R16	195/55R16	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER CONVERTIBLE	V1	PV	397	175/65R15	175/65R15	98.2	59.1	59.1	59.1	40.3	45.21
MINI	COOPER CONVERTIBLE	V2	PV	277	205/45R17	205/45R17	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER CONVERTIBLE	V3	PV	8	205/40R18	205/40R18	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER HARDTOP 4-DOOR	STD	PV	1164	195/55R16	195/55R16	101.1	58.5	58.5	58.5	41.1	45.1
MINI	COOPER HARDTOP 4-DOOR	V1	PV	415	205/45R17	205/45R17	101.1	58.5	58.5	58.5	41.1	45.1
MINI	COOPER HARDTOP 4-DOOR	V2	PV	883	175/65R15	175/65R15	101.1	59.1	59.1	59.1	41.5	44.7
MINI	COOPER HARDTOP 4-DOOR	V3	PV	20	205/40R18	205/40R18	101.1	58.5	58.5	58.5	41.1	45.1
MINI	COOPER COUNTRYMAN	STD	PV	1501	225/50R18	225/50R18	105.1	61.6	61.7	61.6	45	41.49
MINI	COOPER COUNTRYMAN	V1	PV	802	225/55R17	225/55R17	105.1	61.5	61.6	61.6	45	41.49
MINI	COOPER COUNTRYMAN	V2	PV	87	225/45R19	225/45R19	105.1	61.9	62	62	45.3	41.23
MINI	COOPER COUNTRYMAN ALL4	STD	PV	1492	225/50R18	225/50R18	105.1	61.6	61.7	61.6	45	41.49
MINI	COOPER COUNTRYMAN ALL4	V1	PV	334	225/55R17	225/55R17	105.1	61.5	61.6	61.6	45	41.49
MINI	COOPER COUNTRYMAN ALL4	V2	PV	24	225/45R19	225/45R19	105.1	61.9	62	62	45.3	41.23
MINI	COOPER S CLUBMAN ALL4	STD	PV	938	225/45R17	225/45R17	105.1	61.4	61.5	61.4	44.8	41.66
MINI	COOPER S CLUBMAN ALL4	V1	PV	102	225/40R18	225/40R18	105.1	61.1	61.2	61.2	44.7	41.74
MINI	COOPER S CLUBMAN ALL4	V2	PV	5	225/35R19	225/35R19	105.1	61.1	61.2	61.2	44.7	41.74
MINI	COOPER S COUNTRYMAN	STD	PV	2561	225/50R18	225/50R18	105.1	61.6	61.7	61.6	45	41.49
MINI	COOPER S COUNTRYMAN	V1	PV	394	225/45R19	225/45R19	105.1	61.9	62	62	45.3	41.23
MINI	COOPER S COUNTRYMAN ALL4	STD	PV	4355	225/50R18	225/50R18	105.1	61.6	61.7	61.6	45	41.49
MINI	COOPER S COUNTRYMAN ALL4	V1	PV	293	225/45R19	225/45R19	105.1	61.9	62	62	45.3	41.23
MINI	JCW CLUBMAN ALL4	STD	PV	139	225/40R18	225/40R18	105.1	61.1	61.2	61.2	44.7	41.74
MINI	JCW CLUBMAN ALL4	V1	PV	50	225/35R19	225/35R19	105.1	61.1	61.2	61.2	44.7	41.74
MINI	JCW CONVERTIBLE	STD	PV	107	205/45R17	205/45R17	98.2	58.5	58.5	58.5	39.9	45.21
MINI	JCW CONVERTIBLE	V1	PV	72	205/40R18	205/40R18	98.2	58.5	58.5	58.5	39.9	45.21
MINI	COOPER CLUBMAN ALL4	STD	PV	143	205/55R16	205/55R16	105.1	61.5	61.6	61.6	45	41.49
MINI	COOPER CLUBMAN ALL4	V1	PV	196	225/45R17	225/45R17	105.1	61.4	61.5	61.4	44.8	41.66
MINI	COOPER CLUBMAN ALL4	V2	PV	14	225/40R18	225/40R18	105.1	61.1	61.2	61.2	44.7	41.74
MINI	COOPER S E COUNTRYMAN ALL4	STD	PV	943	225/50R18	225/50R18	105.1	61.6	61.7	61.6	45	41.49
MINI	JCW COUNTRYMAN ALL4	STD	PV	290	225/50R18	225/50R18	105.1	61.6	61.7	61.6	45	41.49
MINI	JCW COUNTRYMAN ALL4	V1	PV	229	225/45R19	225/45R19	105.1	61.9	62	62	45.3	41.23
RRG	Ghost	STD	PV	195	255/50R19	255/50R19	129.7	63.7	65.2	64.4	58	33.84
RRG	Ghost Black Badge	STD	PV	40	255/40R21	285/35R21	129.7	63.7	64.6	64.2	57.8	33.84
RRG	Phantom	STD	PV	150	255/50R21	285/45R21	140.6	66.4	65.8	66.1	64.5	33.84
RRG	Phantom Extended Wheelbase	STD	PV	35	255/50R21	285/45R21	150.4	66.4	65.8	66.1	69	33.84
RRG	Ghost Extended Wheelbase	STD	PV	20	255/50R19	255/50R19	136.4	63.7	65.2	64.4	61	33.84
RRG	Wraith	STD	PV	195	255/45R20	285/40R20	122.5	63.7	65.6	64.6	55	34.41
RRG	Wraith Black Badge	STD	PV	20	255/45R20	285/40R20	122.5	63.7	65.6	64.6	55	34.4

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 [ft²]	CAFE [mpg]
					front	rear		front [inch]	rear [inch]	average [inch]		
<b>Total BMW PC fleet</b>				<b>268 709</b>								<b>39.6</b>
BMW	X5 sDrive35i	STD	LT	277	255/50R19	255/50R19	115.5	64.6	64.7	64.6	51.8	30.72
BMW	X5 sDrive35i	V1	LT	4480	275/40R20	315/35R20	115.5	65.2	65.7	65.4	52.5	30.37
BMW	X5 sDrive35i	V2	LT	645	275/40R20	315/35R20	115.5	65.2	65.6	65.4	52.5	30.37
BMW	X5 sDrive35i	V3	LT	6765	255/50R19	255/50R19	115.5	64.6	64.8	64.7	51.9	30.67
BMW	X5 sDrive35i	V4	LT	147	255/50R19	255/50R19	115.5	65.4	65.7	65.6	52.6	30.32
BMW	X5 sDrive35i	V5	LT	5	255/50R19	255/50R19	115.5	65.4	65.6	65.5	52.5	30.37
BMW	X5 xDrive35i	STD	LT	210	255/50R19	255/50R19	115.5	65.4	65.6	65.5	52.5	30.37
BMW	X5 xDrive35i	V1	LT	17632	255/50R19	255/50R19	115.5	64.6	64.8	64.7	51.9	30.67
BMW	X5 xDrive35i	V2	LT	1603	255/50R19	255/50R19	115.5	65.4	65.7	65.6	52.6	30.32
BMW	X5 xDrive35i	V3	LT	1878	255/50R19	255/50R19	115.5	64.6	64.7	64.6	51.8	30.72
BMW	X5 xDrive35i	V4	LT	481	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X5 xDrive35i	V5	LT	582	275/40R20	315/35R20	115.5	65.2	65.6	65.4	52.5	30.37
BMW	X5 xDrive35i	V6	LT	3427	275/40R20	315/35R20	115.5	65.2	65.7	65.4	52.5	30.37
BMW	X5 xDrive35i	V7	LT	58	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X5 xDrive35d	STD	LT	199	255/50R19	255/50R19	115.5	65.4	65.7	65.6	52.6	30.32
BMW	X5 xDrive35d	V1	LT	958	275/40R20	315/35R20	115.5	65.2	65.7	65.4	52.5	30.37
BMW	X5 xDrive35d	V2	LT	1837	255/50R19	255/50R19	115.5	64.6	64.8	64.7	51.9	30.67
BMW	X5 xDrive35d	V3	LT	167	255/50R19	255/50R19	115.5	64.6	64.7	64.6	51.8	30.72
BMW	X5 xDrive35d	V4	LT	198	275/40R20	315/35R20	115.5	65.2	65.6	65.4	52.5	30.37
BMW	X5 xDrive35d	V5	LT	125	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X5 xDrive35d	V6	LT	30	255/50R19	255/50R19	115.5	65.4	65.6	65.5	52.5	30.37
BMW	X5 xDrive35d	V7	LT	17	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X5 xDrive50i	STD	LT	503	255/50R19	255/50R19	115.5	65.4	65.7	65.6	52.6	30.32
BMW	X5 xDrive50i	V1	LT	1141	275/40R20	315/35R20	115.5	65.2	65.7	65.4	52.5	30.37
BMW	X5 xDrive50i	V2	LT	586	255/50R19	255/50R19	115.5	64.6	64.8	64.7	51.9	30.67
BMW	X5 xDrive50i	V3	LT	516	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X5 xDrive50i	V4	LT	133	275/40R20	315/35R20	115.5	65.2	65.6	65.4	52.5	30.37
BMW	X5 xDrive50i	V5	LT	72	255/50R19	255/50R19	115.5	64.6	64.7	64.6	51.8	30.72
BMW	X5 xDrive50i	V6	LT	43	255/50R19	255/50R19	115.5	65.4	65.6	65.5	52.5	30.37
BMW	X5 xDrive50i	V7	LT	41	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X4 xDrive28i	STD	LT	190	245/45R19	275/40R19	110.6	63.1	63	63	48.4	32.54
BMW	X4 xDrive28i	V1	LT	3191	245/45R19	245/45R19	110.6	63.1	63.8	63.4	48.7	32.37
BMW	X4 xDrive28i	V2	LT	386	245/40R20	275/35R20	110.6	63.1	62.8	63	48.4	32.54
BMW	X4 xDrive28i	V3	LT	22	245/50R18	245/50R18	110.6	62.8	63.4	63.1	48.5	32.49
BMW	X5 M	STD	LT	1206	285/35R21	325/30R21	115.5	65.6	65.6	65.6	52.6	30.32
BMW	X5 M	V1	LT	162	285/40R20	325/35R20	115.5	65.6	65.6	65.6	52.6	30.32
BMW	X6 sDrive35i	STD	LT	588	255/50R19	255/50R19	115.5	64.6	67.2	65.9	52.9	30.17
BMW	X6 sDrive35i	V1	LT	1206	275/40R20	315/35R20	115.5	65.2	65.7	65.4	52.5	30.37
BMW	X6 sDrive35i	V2	LT	1	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X5 xDrive40e	STD	LT	1967	275/40R20	315/35R20	115.5	65.2	65.6	65.4	52.5	30.37
BMW	X5 xDrive40e	V1	LT	3445	255/50R19	255/50R19	115.5	64.6	64.7	64.6	51.8	30.72
BMW	X5 xDrive40e	V2	LT	340	255/50R19	255/50R19	115.5	65.4	65.6	65.5	52.5	30.37
BMW	X4 M40i	STD	LT	331	245/45R19	245/45R19	110.6	63.4	63.8	63.6	48.8	32.32
BMW	X4 M40i	V1	LT	1041	245/45R19	275/40R19	110.6	63.4	63	63.2	48.5	32.49
BMW	X4 M40i	V2	LT	395	245/40R20	275/35R20	110.6	63.4	62.8	63.1	48.5	32.49
BMW	X3 M40i	STD	LT	4146	245/50R19	245/50R19	112.8	63	63.6	63.3	49.6	31.87
BMW	X3 M40i	V1	LT	1488	245/45R20	275/40R20	112.8	63.4	62.8	63.1	49.4	31.98
BMW	X3 M40i	V2	LT	1809	245/40R21	275/35R21	112.8	63.1	62.8	63	49.4	31.98
BMW	X3 xDrive30i	STD	LT	4708	225/60R18	225/60R18	112.8	63.8	64.4	64.1	50.2	31.55
BMW	X3 xDrive30i	V1	LT	1216	245/45R20	275/40R20	112.8	63.4	62.8	63.1	49.4	31.98
BMW	X3 xDrive30i	V2	LT	22506	245/50R19	245/50R19	112.8	63	63.6	63.3	49.6	31.87
BMW	X3 xDrive30i	V3	LT	1	245/40R21	275/35R21	112.8	63.1	62.8	63	49.4	31.98
BMW	X6 xDrive35i	STD	LT	414	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X6 xDrive35i	V1	LT	1709	275/40R20	315/35R20	115.5	65.2	65.7	65.4	52.5	30.37
BMW	X6 xDrive35i	V2	LT	2464	255/50R19	255/50R19	115.5	64.6	67.2	65.9	52.9	30.17
BMW	X6 xDrive50i	STD	LT	279	255/50R19	255/50R19	115.5	64.6	67.2	65.9	52.9	30.17
BMW	X6 xDrive50i	V1	LT	266	275/40R20	315/35R20	115.5	65.2	65.7	65.4	52.5	30.37
BMW	X6 xDrive50i	V2	LT	128	285/35R21	325/30R21	115.5	65.2	65.5	65.4	52.5	30.37
BMW	X6 M	STD	LT	408	285/35R21	325/30R21	115.5	65.6	65.6	65.6	52.6	30.32
BMW	X6 M	V1	LT	51	285/40R20	325/35R20	115.5	65.6	65.6	65.6	52.6	30.32
<b>Total BMW LT fleet</b>				<b>100 820</b>								<b>31.1</b>
<b>Total fleet production volumes</b>				<b>369 529</b>								

DATA HIGHLIGHTED IN RED TO BE TREATED AS			PC-Fleet	LT-Fleet
Projected Production			268 709	100 820
Projected adjusted average Fuel Economy			35.4 MPG	29.3 MPG
Model	Type	Transmission	Projected Sales [#]	Combined FE [mpg]
MINI	COOPER HARDTOP 2-DOOR	AT	3540	40.6
MINI	COOPER HARDTOP 4-DOOR	AT	2317	40.6
MINI	COOPER CONVERTIBLE	AT	1002	40.6
MINI	COOPER CLUBMAN	AT	610	36.5
MINI	COOPER COUNTRYMAN	AT	2292	36.5
MINI	COOPER HARDTOP 2-DOOR	MT	338	43.0
MINI	COOPER HARDTOP 4-DOOR	MT	165	43.0
MINI	COOPER CONVERTIBLE	MT	81	43.0
MINI	COOPER CLUBMAN	MT	40	37.3
MINI	COOPER COUNTRYMAN	MT	98	37.3
MINI	COOPER CLUBMAN ALL4	AT	316	34.7
MINI	COOPER COUNTRYMAN ALL4	AT	1685	34.0
MINI	COOPER CLUBMAN ALL4	MT	37	34.5
MINI	COOPER COUNTRYMAN ALL4	MT	165	34.5
MINI	COOPER S HARDTOP 2-DOOR	AT	2418	38.0
MINI	COOPER S HARDTOP 4-DOOR	AT	1981	38.0
MINI	JCW HARDTOP	AT	230	38.0
MINI	COOPER S CONVERTIBLE	AT	1309	38.0
MINI	JCW CONVERTIBLE	AT	134	38.0
MINI	COOPER S CLUBMAN	AT	756	35.0
MINI	COOPER S COUNTRYMAN	AT	2955	35.0
BMW	X2 sDrive28i	AT	6698	35.0
BMW	X1 sDrive28i	AT	13437	35.1
MINI	COOPER S HARDTOP 2-DOOR	MT	649	35.2
MINI	COOPER S HARDTOP 4-DOOR	MT	299	35.2
MINI	JCW HARDTOP	MT	190	35.2
MINI	COOPER S CONVERTIBLE	MT	201	35.2
MINI	JCW CONVERTIBLE	MT	45	33.5
MINI	COOPER S CLUBMAN	MT	64	33.5
MINI	JCW CLUBMAN ALL4	MT	51	32.0
MINI	JCW COUNTRYMAN ALL4	MT	136	31.3
BMW	230i xDrive Coupe	AT	803	35.2
MINI	COOPER S CLUBMAN ALL4	AT	900	35.2
MINI	JCW CLUBMAN ALL4	AT	138	35.2
MINI	JCW COUNTRYMAN ALL4	AT	383	34.3
MINI	COOPER S COUNTRYMAN ALL4	AT	3991	34.3
BMW	230i xDrive Convertible	AT	977	34.3
BMW	330i xDrive Sedan	AT	10548	34.3
BMW	330i xDrive Sports Wagon	AT	1047	34.3
BMW	430i xDrive Coupe	AT	1207	34.3
BMW	330i xDrive Gran Turismo	AT	2242	34.3
BMW	430i xDrive Gran Coupe	AT	5410	34.3
BMW	530i xDrive Sedan	AT	7872	34.3
BMW	X1 xDrive28i	AT	25091	34.3
BMW	X2 xDrive28i	AT	12859	34.3
BMW	430i xDrive Convertible	AT	3723	34.6
MINI	COOPER S CLUBMAN ALL4	MT	145	31.9
MINI	COOPER S COUNTRYMAN ALL4	MT	657	32.2
BMW	230i Coupe	AT	1085	37.4
BMW	230i Convertible	AT	1255	36.6
BMW	330i Sedan	AT	11936	36.6
BMW	430i Coupe	AT	1791	36.6
BMW	430i Convertible	AT	6646	36.6
BMW	430i Gran Coupe	AT	7759	36.6
BMW	530i Sedan	AT	7727	36.6
BMW	230i Coupe	MT	150	33.2
BMW	330i Sedan	MT	266	33.2
BMW	430i Coupe	MT	66	33.5
BMW	320i Sedan	AT	9088	36.9
BMW	320i xDrive Sedan	AT	8371	35.9

Model	Type	Transmission	Projected Sales [#]	Combined FE [mpg]
BMW	320i Sedan	MT	115	36.5
BMW	640i Convertible	AT	219	30.8
BMW	640i Gran Coupe	AT	294	30.8
BMW	M2 Coupe	DCT	1423	29.5
BMW	M2 Coupe	MT	1321	27.0
BMW	640i xDrive Convertible	AT	126	29.3
BMW	640i xDrive Gran Coupe	AT	220	29.3
BMW	540d xDrive Sedan	AT	306	40.9
BMW	M240i Coupe	AT	626	32.5
BMW	M240i Convertible	AT	689	32.5
BMW	340i Sedan	AT	2183	32.5
BMW	440i Coupe	AT	1063	32.5
BMW	440i Gran Coupe	AT	2100	32.5
BMW	540i Sedan	AT	7016	32.5
BMW	740i Sedan	AT	2209	31.5
BMW	440i Convertible	AT	1174	31.5
BMW	M240i Coupe	MT	271	28.9
BMW	340i Sedan	MT	267	29.6
BMW	440i Coupe	MT	93	29.6
BMW	M240i Convertible	MT	107	29.6
BMW	M240i xDrive Coupe	AT	617	32.8
BMW	M240i xDrive Convertible	AT	570	32.8
BMW	340i xDrive Sedan	AT	2372	32.8
BMW	440i xDrive Coupe	AT	819	32.8
BMW	440i xDrive Gran Coupe	AT	1643	32.8
BMW	540i xDrive Sedan	AT	6897	31.1
BMW	740i xDrive Sedan	AT	957	31.1
BMW	440i xDrive Convertible	AT	1233	31.1
BMW	340i xDrive Gran Turismo	AT	393	31.1
BMW	640i xDrive Gran Turismo	AT	2453	31.1
BMW	340i xDrive Sedan	MT	992	29.7
BMW	440i xDrive Coupe	MT	185	29.7
BMW	M3 Sedan	DCT	3638	25.7
BMW	M4 Coupe	DCT	2312	25.7
BMW	M3 CS	DCT	8	25.7
BMW	M4 Convertible	DCT	1323	24.0
BMW	M3 Sedan	MT	1630	26.4
BMW	M4 Coupe	MT	593	26.4
BMW	M4 Convertible	MT	201	25.8
BMW	328d Sedan	AT	882	49.6
BMW	328d xDrive Sedan	AT	795	46.3
BMW	328d xDrive Sports Wagon	AT	616	46.3
BMW	750i Sedan	AT	1808	26.0
BMW	650i Gran Coupe	AT	207	26.0
BMW	650i Convertible	AT	236	26.0
BMW	650i xDrive Gran Coupe	AT	220	24.8
BMW	650i xDrive Convertible	AT	212	24.8
BMW	ALPINA B6 xDrive Gran Coupe	AT	56	24.8
BMW	750i xDrive Sedan	AT	2466	24.8
BMW	ALPINA B7 xDrive	AT	107	24.8
BMW	M550i xDrive Sedan	AT	5300	25.2
BMW	M6 Gran Coupe	DCT	147	20.5
BMW	M6 Convertible	DCT	173	20.5
BMW	M5 Sedan	AT	1650	21.8
BMW	M6 Gran Coupe	MT	9	21.9
BMW	M6 Convertible	MT	10	21.9
BMW	M760i xDrive Sedan	AT	449	20.0
BMW	330e Sedan	AT	4916	70.9
MINI	COOPER S E COUNTRYMAN ALL4	AT	943	64.6
BMW	530e xDrive Sedan	AT	3494	65.9
BMW	530e Sedan	AT	6801	67.5
BMW	740e xDrive Sedan	AT	617	61.9
BMW	i3	AT	1404	409.4
BMW	i3s	AT	517	391.1



Model	Type	Transmission	Projected Sales [#]	Combined FE [mpg]
BMW	i3 with Range Extender	AT	3313	229.5
BMW	i3s with Range Extender	AT	1176	229.5
RRG	Ghost Black Badge	AT	40	17.7
RRG	Ghost	AT	195	17.7
RRG	Ghost Extended Wheelbase	AT	20	17.7
RRG	Dawn	AT	440	17.7
RRG	Dawn Black Badge	AT	60	17.7
RRG	Wrath	AT	195	18.3
RRG	Wrath Black Badge	AT	20	18.3
RRG	Phantom	AT	150	18.0
RRG	Phantom Extended Wheelbase	AT	35	18.0
<b>Total BMW Group Passenger Vehicle Fleet</b>			<b>268 709</b>	<b>35.2499</b>
			<b>adjusted FE</b>	<b>35.4</b>
Model	Type	Transmission	Projected Sales [#]	Combined FE [mpg]
BMW	X4 xDrive28i	AT	3789	30.1
BMW	X3 xDrive30i	AT	28431	32.8
BMW	X3 M40i	AT	7443	29.8
BMW	X4 M40i	AT	1767	27.1
BMW	X5 xDrive35i	AT	25871	26.6
BMW	X6 xDrive35i	AT	4587	26.6
BMW	X5 sDrive35i	AT	12319	27.1
BMW	X6 sDrive35i	AT	1795	27.1
BMW	X5 xDrive40e	AT	5752	55.9
BMW	X5 xDrive50i	AT	3035	22.2
BMW	X6 xDrive50i	AT	673	22.2
BMW	X5 xDrive35d	AT	3531	33.8
BMW	X5 M	AT	1368	20.7
BMW	X6 M	AT	459	20.7
<b>Total BMW Group Light Truck Fleet</b>			<b>100 820</b>	<b>29.3</b>