

BMW CAFE
Pre-Model Year Report
2018

prepared by

BMW of North America, LLC

Submitted by
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January 3, 2018



Estimated footprint-based CAFE standard

With the enclosed footprint data and sales figures we calculated the following BMW CAFE standards:

Passenger Cars: **39.8 MPG**

Light Trucks: **31.1 MPG**

BMW Corporate Average Fuel Economy

With the enclosed fuel economy data and sales figures we calculated the following BMW fuel economy average values:

	<u>unadjusted</u>	<u>adjusted</u>	<u>incl. credits</u> (A/C-efficiency, offcycle)
<u>Passenger Cars:</u>	35.4 MPG	35.6 MPG	36.9 MPG
<u>Light Trucks:</u>	29.6 MPG		31.0 MPG

Model	Type	PC/LT	Fleet	Projected Production [#]	Standard Tire Dimension		Wheel-base inch	Track width			Footprint [ft²]	CAFE [mpg]
					front	rear		front inch	rear inch	average inch		
BMW	X1 xDrive28i	STD	PV	26270	225/50 R18	225/50 R18	105.1	61.5	61.6	61.6	45.0	41.49
BMW	X1 xDrive28i	V1	PV	2581	225/45 R19	225/45 R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	X1 xDrive28i	STD	PV	1070	225/50 R18	225/50 R18	105.1	61.5	61.6	61.6	45.0	41.49
BMW	X1 xDrive28i	V1	PV	106	225/45 R19	225/45 R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	X2 sDrive28i	STD	PV	3962	225/50 R18	225/50 R18	105.1	61.6	61.6	61.6	45.0	41.49
BMW	X2 sDrive28i	V1	PV	1838	225/45 R19	225/45 R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	X2 sDrive28i	V3	PV	657	225/40 R20	225/40 R20	105.1	61.7	61.7	61.7	45.0	41.49
BMW	X2 xDrive28i	STD	PV	6765	225/50 R18	225/50 R18	105.1	61.6	61.6	61.6	45.0	41.49
BMW	X2 xDrive28i	V1	PV	4991	225/45 R19	225/45 R19	105.1	61.9	61.9	61.9	45.2	41.32
BMW	X2 xDrive28i	V3	PV	2101	225/40 R20	225/40 R20	105.1	61.7	61.7	61.7	45.0	41.49
BMW	I3 BEV (94 Ah)	STD	PV	56	155/70 R19	155/70 R19	101.2	61.9	62	62	43.6	42.72
BMW	I3 BEV (94 Ah)	V3	PV	756	155/70 R19	175/60 R19	101.2	61.9	62	62	43.6	42.72
BMW	I3 BEV (94 Ah)	V1	PV	319	155/60 R20	175/55 R20	101.2	61.9	61.3	61.6	43.3	42.99
BMW	I3 REX (94 Ah)	STD	PV	3364	155/70 R19	175/60 R19	101.2	61.9	61.3	61.6	43.3	42.99
BMW	I3 REX (94 Ah)	V1	PV	1812	155/60 R20	175/55 R20	101.2	61.9	61.3	61.6	43.3	42.99
BMW	I3s BEV (94 Ah)	STD	PV	332	175/55 R20	195/50 R20	101.2	62.7	62.4	62.6	44.0	42.36
BMW	I3s REX (94Ah)	STD	PV	1321	175/55 R20	195/50 R20	101.2	62.7	62.4	62.6	44.0	42.36
Total BMW PC fleet				287 179								39.8

BMW	X3 xDrive30i	STD	LT	5220	225/60 R18	225/60 R18	112.8	63.8	64.4	64.1	50.20	31.55
BMW	X3 xDrive30i	V1	LT	25389	245/50 R19	245/50 R19	112.8	63	63.6	63.3	49.60	31.87
BMW	X3 xDrive30i	V3	LT	580	245/45 R20	275/40 R20	112.8	63.4	62.8	63.1	49.40	31.98
BMW	X3 M40i	STD	LT	3733	245/50 R19	245/50 R19	112.8	63	63.6	63.3	49.60	31.87
BMW	X3 M40i	V2	LT	876	245/45 R20	275/40 R20	112.8	63.4	62.8	63.1	49.40	31.98
BMW	X3 M40i	V4	LT	3688	245/40 R21	275/35 R21	112.8	63.1	62.8	63	49.40	31.98
BMW	X4 xDrive28i	STD	LT	656	245/50 R18	245/50 R18	110.6	62.8	63.4	63.1	48.50	32.49
BMW	X4 xDrive28i	V1	LT	2417	245/45 R19	245/45 R19	110.6	63.1	63.8	63.4	48.70	32.37
BMW	X4 xDrive28i	V2	LT	43	245/45 R19	275/40 R19	110.6	63.1	63	63	48.40	32.54
BMW	X4 xDrive28i	V3	LT	311	245/40 R20	275/35 R20	110.6	63.1	62.8	63	48.40	32.54
BMW	X4 M40i	V1	LT	316	245/45 R19	245/45 R19	110.6	63.4	63.8	63.6	48.80	32.32
BMW	X4 M40i	STD	LT	736	245/45 R19	275/40 R19	110.6	63.4	63	63.2	48.50	32.49
BMW	X4 M40i	V2	LT	572	245/40 Z R20	275/35 Z R20	110.6	63.4	62.8	63.1	48.50	32.49
BMW	X5 M	STD	LT	180	285/40 R20	325/35 R20	115.5	65.6	65.6	65.6	52.60	30.32
BMW	X5 M	V1	LT	1034	285/35 ZR21	325/30 ZR21	115.5	65.6	65.6	65.6	52.60	30.32
BMW	X5 sDrive35i	V1	LT	8665	255/50 R19	255/50 R19	115.5	64.6	64.7	64.6	51.80	30.72
BMW	X5 sDrive35i	V3	LT	2296	275/40 R20	315/35 R20	115.5	65.2	65.6	65.4	52.50	30.37
BMW	X5 xDrive35d	V1	LT	3463	255/50 R19	255/50 R19	115.5	64.6	64.7	64.6	51.80	30.72
BMW	X5 xDrive35d	V3	LT	675	275/40 R20	315/35 R20	115.5	65.2	65.6	65.4	52.50	30.37
BMW	X5 xDrive35d	V4	LT	84	285/35 R21	325/30 R21	115.5	65.2	65.5	65.4	52.50	30.37
BMW	X5 xDrive35i	V1	LT	26055	255/50 R19	255/50 R19	115.5	64.6	64.7	64.6	51.80	30.72
BMW	X5 xDrive35i	V3	LT	5277	275/40 R20	315/35 R20	115.5	65.2	65.6	65.4	52.50	30.37
BMW	X5 xDrive35i	V4	LT	1646	285/35 R21	325/30 R21	115.5	65.2	65.5	65.4	52.50	30.37
BMW	X5 xDrive40e	V1	LT	5954	255/50 R19	255/50 R19	115.5	64.6	64.7	64.6	51.80	30.72
BMW	X5 xDrive40e	V3	LT	1778	275/40 R20	315/35 R20	115.5	65.2	65.6	65.4	52.50	30.37
BMW	X5 xDrive50i	V1	LT	864	255/50 R19	255/50 R19	115.5	64.6	64.7	64.6	51.80	30.72
BMW	X5 xDrive50i	V2	LT	940	275/40 R20	315/35 R20	115.5	65.2	65.6	65.4	52.50	30.37
BMW	X5 xDrive50i	V3	LT	273	285/35 R21	325/30 R21	115.5	65.2	65.5	65.4	52.50	30.37
BMW	X6 M	STD	LT	60	285/40 R20	325/35 R20	115.5	65.6	65.6	65.6	52.60	30.32
BMW	X6 M	V1	LT	438	285/35 ZR21	325/30 ZR21	115.5	65.6	65.6	65.6	52.60	30.32
BMW	X6 sDrive35i	STD	LT	619	255/50 R19	255/50 R19	115.5	64.6	67.2	65.9	52.90	30.17
BMW	X6 sDrive35i	V1	LT	888	275/40 R20	315/35 R20	115.5	65.2	65.7	65.4	52.50	30.37
BMW	X6 sDrive35i	STD	LT	3599	255/50 R19	255/50 R19	115.5	64.6	67.2	65.9	52.90	30.17
BMW	X6 xDrive35i	V1	LT	1310	275/40 R20	315/35 R20	115.5	65.2	65.7	65.4	52.50	30.37
BMW	X6 xDrive35i	V2	LT	547	285/35 R21	325/30 R21	115.5	65.2	65.5	65.4	52.50	30.37
BMW	X6 xDrive50i	STD	LT	264	255/50 R19	255/50 R19	115.5	64.6	67.2	65.9	52.90	30.17
BMW	X6 xDrive50i	V1	LT	247	275/40 R20	315/35 R20	115.5	65.2	65.7	65.4	52.50	30.37
BMW	X6 xDrive50i	V2	LT	97	285/35 R21	325/30 R21	115.5	65.2	65.5	65.4	52.50	30.37
Total BMW LT fleet				111 790								31.1
Total fleet production volumes				398 969								

Model Type	Proj. Sales	Combined FE (mpg)	Wheel base (inch)	Track Width (inch)			Footprint (ft ²)	Interior Volume	Body Style	Base Tire Size	Loaded Weight (lbs)	Equiv. Test Weight (lbs)	Displ. (cu inch)	No. of Cyl.	HP SAE net	Engine Code	Fuel System	Emission Control System	Transm. Class	No. of Gears	Over drive	Total Drive Ratio	Axle Ratio	Frontal Area (ft ²)	Road Load Power
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2. Light Trucks

Total LT	[#]	[mpg]	AC-effic. credits	[Mg]	[gal/mi]	Offcycle-credits	[Mg]	[gal/mi]	Total incl. credits	[mpg]
	111 790	29.6		153623	0.000685		199 582	0.000889		31.0



Model Type	Proj. Sales	Wheel base (inch)	Track Width (inch)	Front	Rear	Aver. (inch)	Footprint (ft ²)	Interior Volume	Body Style	Base Tire Size	Loaded Weight (lbs)	Equiv. Test Weight (lbs)	Displ. (cu inch)	No. of Cyl.	HP SAE net	Engine Code	Fuel System	Emission Control System	Transm. Class	No. of Gears	Over drive	Total Drive Ratio	Axle Ratio	Frontal Area (ft ²)	Road Load Power
X3 xDrive30i	AT 31189	32.4	112.8	63.8	64.4	64.10	50.2	n.a.	SUV	225/60 R18	4 456	4 500	121.9	4	248	2.0-B46-G01X	DFI	WU-TWC, TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	26.2	3.38	28.52	14.1/14.9
X3 M40i	AT 8297	30.6	112.8	63	63.6	63.30	49.6	n.a.	SUV	245/50 R19	4 577	4 500	182.9	6	335	3.0-B58-G01X	DFI	TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	26.2	3.38	28.52	15.1/15.5
X4 xDrive28i	AT 3427	30.2769	110.6	62.8	63.4	63.10	48.5	n.a.	SUV	245/50 R18	4 430	4 500	121.8	4	241	3.0-N50-F26X	DFI	WU-TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	28.4	3.38	27.67	13.9/14.9
X4 M40i	AT 1624	27.1000	63.4	63.0	63.2	48.50	48.7	n.a.	SUV	245/45-275/40 R19	4 535	4 500	181.8	6	300	3.0-N55-F26M	DFI	WU-TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	28.2	3.08	27.67	16.6
X5 xDrive35d	AT 4222	33.8	115.5	64.7	65.0	64.80	52.0	n.a.	SUV	255/55 R18	5 230	5 250	181.8	6	255	3.0-N57-F15X	DFI	TC, CAC, EGR, EGR, SCRC, DPF, NOXSI(2), HO2SI(2), NAC, PMS	L	8	yes	25.2	3.15	30.57	14.7
X5 sDrive35i	AT 10961	27.1493	115.5	64.7	65.0	64.80	52.0	n.a.	SUV	255/55 R18	4 980	5 000	181.8	6	300	3.0-N55-F15	DFI	WU-TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	25.0	3.15	30.57	14.1
X5 xDrive35i	AT 32978	26.6089	115.5	64.7	65.0	64.80	52.0	n.a.	SUV	255/55 R18	5 090	5 000	181.8	6	300	3.0-N55-F15	DFI	WU-TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	25.0	3.15	30.57	14.6
X6 sDrive35i	AT 1507	27.1493	115.5	64.6	67.2	65.90	52.9	n.a.	SUV	255/50 R19	4 930	5 000	181.8	6	300	3.0-N55-F16	DFI	WU-TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	25.0	3.15	30.46	14.6
X6 xDrive35i	AT 5456	26.6089	115.5	64.6	67.2	65.90	52.9	n.a.	SUV	255/50 R19	5 050	5 000	181.8	6	300	3.0-N55-F16X	DFI	WU-TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	25.0	3.15	30.46	15.2
X5 xDrive40e	AT 7732	55.9	115.5	64.7	64.8	64.80	52.0	n.a.	SUV	255/55 R18	5 520	5 500	121.8	4	241	2.0-N20-F15XP	DFI	WU-TWC, WR-HO2S, HO2S, TC, CAC	L	8	yes	24.1	3.15	30.57	16.4
X5 xDrive50i	AT 2077	22.3832	115.5	64.6	64.8	64.70	51.9	n.a.	SUV	255/50 R19	5 450	5 500	268.2	8	400	4.4-A-N63-F15	DFI	2WU-TWC, 2WR-HO2S, 2HO2S, 2TC, 2CAC	L	8	yes	24.2	3.15	30.57	15.4
X6 xDrive50i	AT 608	22.3832	115.5	64.6	67.2	65.90	52.9	n.a.	SUV	255/50 R19	5 470	5 500	268.2	8	400	4.4-A-N63-F16	DFI	2WU-TWC, 2WR-HO2S, 2HO2S, 2TC, 2CAC	L	8	yes	24.2	3.15	30.46	15.6
X5 M	AT 1214	20.7	115.5	65.6	65.6	65.60	52.6	n.a.	SUV	285/40-325/35R20	5 560	5 500	268.2	8	400	4.4-F8X-S63	DFI	2WU-TWC, 2WR-HO2S, 2HO2S, 2TC, 2CAC	L	8	yes	24.1	3.15	31.54	20.3
X6 M	AT 498	20.7	115.5	65.6	65.6	65.60	52.6	n.a.	SUV	285/40-325/35R20	5 485	5 500	268.2	8	400	4.4-F8X-S63	DFI	2WU-TWC, 2WR-HO2S, 2HO2S, 2TC, 2CAC	L	8	yes	24.1	3.15	31.11	20.3

Off-highway-operation capability
49 CFR Part 537.7 (C) (5) (ii)



Features for qualifying as off-road in accordance with 523.5 (b) Light Truck (non passenger car): (A) or (B) and at least four characteristics out of (C)	(A)	(B)	(C)						Light Truck qualification
	4-wheel drive	gross vehicle weight > 6,000 pounds	(1) Approach angle ≥ 28°	(2) Breakover angle ≥ 14°	(3) Departure angle ≥ 20°	(5) Running clearance ≥ 20 cm	(4) Front axle clearance Rear axle clearance each ≥ 18 cm		
Model Types									
BMW X3 xDrive30i	Yes	5258	23.1	17.4	21.4	20.4	18.2	18.4	Yes
BMW X3 M40i	Yes	5412	22.6	17.4	21.4	20.4	18.2	18.4	Yes
BMW X4 xDrive28i	Yes	5060	21.7	16.5	20.2	20.3	18.2	18.4	Yes
BMW X4 M40i	Yes	5965	18.6	16.7	20.4	20.6	18.5	18.7	Yes
BMW X5 xDrive35d	Yes	6400	22.2	17.3	20.4	20.9	18.3	19.5	Yes
BMW X5 sDrive35i	No	6070	22.2	17.3	20.4	20.9	18.3	19.5	Yes
BMW X5 xDrive35i	Yes	6250	22.2	17.3	20.4	20.9	18.3	19.5	Yes
BMW X5 xDrive40e	Yes	6260	22.2	17.3	20.4	20.9	18.3	19.5	Yes
BMW X5 xDrive50i	Yes	6550	22.2	17.3	20.4	20.9	18.3	19.5	Yes
BMW X6 sDrive35i	No	6010	22.4	16.9	20.7	21.2	18.5	19.7	Yes
BMW X6 xDrive35i	Yes	6100	22.4	16.9	20.7	21.2	18.5	19.7	Yes
BMW X6 xDrive50i	Yes	6400	22.4	16.9	20.7	21.2	18.5	19.7	Yes
BMW X5 M	Yes	6550	18.3	16.9	20.3	20.5	18.5	19.5	Yes
BMW X6 M	Yes	6505	18.3	16.9	20.3	20.5	18.5	19.5	Yes

Veh. Fleet		Model	Trans.	Prod. Vol.	A/C Efficiency								Offcycle Credits								
					I. Reduc'd Reheat with variable displ compressor	J. Reduced Reheat with fixed displ or pneumatic compres-sor	K. Default to Recirc with feedback sensor	L. Default to Recirc without feedback sensor	M. Efficient Blower Motor Controls	N. Internal Heat Exchanger	O. Improved Condensor and/or Evaporator	P. Oil Separator	Q. Total Menu-based Credits	R. Cap-Limited Credits [Q-capped at 5.0/7.2 max]	Total	Engine idle start-stop	Thermal Control	Active Aero Dynamics	Effic. Lights	Active Engine warm up	Total
											g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	g/mi	MG			
PV	COOPER CLUBMAN	MT	55	1.5			1.0	0.8	1.0		0.5	4.8	4.8	52	0	2.1	0	0.2	0	2.3	25
PV	COOPER CLUBMAN	AT	608	1.5			1.0	0.8	1.0		0.5	4.8	4.8	570	0	2.1	0	0.2	0	2.3	273
PV	COOPER CLUBMAN ALL4	MT	18	1.5			1.0	0.8	1.0		0.5	4.8	4.8	17	0	2.1	0	0.2	0	2.3	8
PV	COOPER CLUBMAN ALL4	AT	311	1.5			1.0	0.8	1.0		0.5	4.8	4.8	291	0	2.1	0	0.2	0	2.3	140
PV	COOPER S CLUBMAN	MT	76	1.5			1.0	0.8	1.0		0.5	4.8	4.8	71	0	2.1	0	0.1	0	2.2	33
PV	COOPER S CLUBMAN	AT	710	1.5			1.0	0.8	1.0		0.5	4.8	4.8	665	0	2.1	0	0.1	0	2.2	305
PV	COOPER S CLUBMAN ALL4	MT	98	1.5			1.0	0.8	1.0		0.5	4.8	4.8	92	0	2.1	0	0.1	0	2.2	42
PV	COOPER S CLUBMAN ALL4	AT	766	1.5			1.0	0.8	1.0		0.5	4.8	4.8	718	0	2.1	0	0.1	0	2.2	329
PV	JCW CLUBMAN ALL4	MT	55	1.5			1.0	0.8	1.0		0.5	4.8	4.8	52	0	2.1	0	0.1	0	2.2	24
PV	JCW CLUBMAN ALL4	AT	208	1.5			1.0	0.8	1.0		0.5	4.8	4.8	195	0	2.1	0	0.1	0	2.2	89
PV	COOPER 4-DOOR	MT	255	1.5			1.0	0.8	1.0		0.5	4.8	4.8	239	0	2.1	0	0.4	0	2.5	124
PV	COOPER 4-DOOR	AT	2729	1.5			1.0	0.8	1.0		0.5	4.8	4.8	2558	0	2.1	0	0.4	0	2.5	1332
PV	COOPER S 4-DOOR	MT	316	1.5			1.0	0.8	1.0		0.5	4.8	4.8	296	0	2.1	0	0.1	0	2.2	136
PV	COOPER S 4-DOOR	AT	2322	1.5			1.0	0.8	1.0		0.5	4.8	4.8	2176	0	2.1	0	0.1	0	2.2	997
PV	COOPER 2-DOOR	MT	388	1.5			1.0	0.8	1.0		0.5	4.8	4.8	364	0	2.1	0	0.2	0	2.3	174
PV	COOPER 2-DOOR	AT	3287	1.5			1.0	0.8	1.0		0.5	4.8	4.8	3081	0	2.1	0	0.2	0	2.3	1476
PV	COOPER S 2-DOOR	MT	483	1.5			1.0	0.8	1.0		0.5	4.8	4.8	453	0	2.1	0	0.1	0	2.2	207
PV	COOPER S 2-DOOR	AT	2373	1.5			1.0	0.8	1.0		0.5	4.8	4.8	2224	0	2.1	0	0.1	0	2.2	1019
PV	JCW HARDTOP	MT	256	1.5			1.0	0.8	1.0		0.5	4.8	4.8	240	0	2.1	0	0.1	0	2.2	110
PV	JCW HARDTOP	AT	188	1.5			1.0	0.8	1.0		0.5	4.8	4.8	176	0	2.1	0	0.1	0	2.2	81
PV	COOPER CONVERTIBLE	MT	107	1.5			1.0	0.8	1.0		0.5	4.8	4.8	100	0	2.1	0	0.4	0	2.5	52
PV	COOPER CONVERTIBLE	AT	1268	1.5			1.0	0.8	1.0		0.5	4.8	4.8	1188	0	2.1	0	0.4	0	2.5	619
PV	COOPER S CONVERTIBLE	MT	239	1.5			1.0	0.8	1.0		0.5	4.8	4.8	224	0	2.1	0	0.1	0	2.2	103
PV	COOPER S CONVERTIBLE	AT	1467	1.5			1.0	0.8	1.0		0.5	4.8	4.8	1375	0	2.1	0	0.1	0	2.2	630
PV	JCW CONVERTIBLE	MT	59	1.5			1.0	0.8	1.0		0.5	4.8	4.8	55	0	2.1	0	0.1	0	2.2	25
PV	JCW CONVERTIBLE	AT	138	1.5			1.0	0.8	1.0		0.5	4.8	4.8	129	0	2.1	0	0.1	0	2.2	59
PV	COOPER COUNTRYMAN	MT	203	1.5			1.0	0.8	1.0		0.5	4.8	4.8	190	0	2.1	0	0.2	0	2.3	91
PV	COOPER COUNTRYMAN	AT	2432	1.5			1.0	0.8	1.0		0.5	4.8	4.8	2279	0	2.1	0	0.2	0	2.3	1092
PV	COOPER COUNTRYMAN ALL4	MT	380	1.5			1.0	0.8	1.0		0.5	4.8	4.8	356	0	2.1	0	0.2	0	2.3	171
PV	COOPER COUNTRYMAN ALL4	AT	2110	1.5			1.0	0.8	1.0		0.5	4.8	4.8	1978	0	2.1	0	0.2	0	2.3	948
PV	COOPER S COUNTRYMAN	AT	3008	1.5			1.0	0.8	1.0		0.5	4.8	4.8	2819	0	2.1	0	0.1	0	2.2	1292
PV	COOPER S COUNTRYMAN ALL4	AT	4439	1.5			1.0	0.8	1.0		0.5	4.8	4.8	4161	0	2.1	0	0.1	0	2.2	1907
PV	COOPER SE COUNTRYMAN ALL4	AT	918	1.5			1.0	0.8	1.0		0.5	4.8	4.8	860	0	2.1	0	0.8	0	2.9	520
PV	JCW COUNTRYMAN ALL4	MT	119	1.5			1.0	0.8	1.0		0.5	4.8	4.8	112	0	2.1	0	0.1	0	2.2	51
PV	JCW COUNTRYMAN ALL4	AT	485	1.5			1.0	0.8	1.0		0.5	4.8	4.8	455	0	2.1	0	0.1	0	2.2	208
PV	Dawn	AT	500	1.5		1.5			0.8			3.8	3.8	371	0	1.2	0	0	0	1.2	117
PV	Ghost	AT	195	1.5		1.5			0.8			3.8	3.8	145	0	1.2	0	0	0	1.2	46
PV	Ghost Black Badge (SA RBB)	AT	40	1.5		1.5			0.8			3.8	3.8	30	0	1.2	0	0	0	1.2	9
PV	Ghost EWB	AT	20	1.5		1.5			0.8			3.8	3.8	15	0	1.2	0	0	0	1.2	5
PV	Phantom	AT	130	1.5		1.5			0.8	1.0		5	5	127	0	1.2	0	1	0	2.2	56
PV	Phantom EWB	AT	35	1.5		1.5			0.8	1.0		5	5	34	0	1.2	0	1	0	2.2	15
PV	Wraith	AT	245	1.5		1.5			0.8			3.8	3.8	182	0	1.2	0	0	0	1.2	57
PV	230i xDrive Coupe	AT	983	1.5		1.5			0.8	1.0		5	5	960	0	2.1	0	1	0	3.1	595
PV	230i Convertible	AT	1189	1.5		1.5			0.8	1.0		5	5	1161	0	2.1	0	1	0	3.1	720
PV	230i Coupe	MT	143	1.5		1.5			0.8	1.0		5	5	140	0	2.1	0	1	0	3.1	87
PV	230i Coupe	AT	1098	1.5		1.5			0.8	1.0		5	5	1072	0	2.1	0	1	0	3.1	665
PV	230i xDrive Convertible	AT	1053	1.5		1.5			0.8	1.0		5	5	1028	0	2.1	0	1	0	3.1	637
PV	320i	MT	152	1.5		1.5			0.8			3.8	3.8	113	0	2.1	0	1	1.5	4.6	137
PV	320i	AT	13590	1.5		1.5			0.8			3.8	3.8	10084	0	2.1	0	1	1.5	4.6	12207
PV	320i xDrive	AT	9815	1.5		1.5			0.8			3.8	3.8	7283	0	2.1	0	1	1.5	4.6	8816
PV	328d	AT	875	1.5		1.5			0.8			3.8	3.8	649	0	2.1	0	1	0	3.1	530
PV	328d xDrive	AT	919	1.5		1.5			0.8			3.8	3.8	682	0	2.1	0	1	0	3.1	556
PV	328d xDrive Sports Wagon	AT	964	1.5		1.5			0.8			3.8	3.8	715	0	2.1	0	1	0	3.1	584
PV	330e	AT	5322	1.5		1.5			0.8	1.0		5	5	5196	0	2.1	0	1	0	3.1	3222

PV	330i	MT	91	1.5	1.5	0.8	1.0		0.5	5	5	89	0	2.1	0	1	0	3.1	55
PV	330i	AT	12840	1.5	1.5	0.8	1.0		0.5	5	5	12536	0	2.1	0	1	0	3.1	7772
PV	330i xDrive	AT	12424	1.5	1.5	0.8	1.0		0.5	5	5	12130	0	2.1	0	1	0	3.1	7520
PV	330i xDrive Gran Turismo	AT	2345	1.5	1.5	0.8	1.0		0.5	5	5	2289	0	2.1	0	1	0	3.1	1419
PV	330i xDrive Sports Wagon	AT	1317	1.5	1.5	0.8	1.0		0.5	5	5	1286	0	2.1	0	1	0	3.1	797
PV	340i	MT	305	1.5	1.5	0.8	1.0		0.5	5	5	298	0	2.1	0	1	0	3.1	185
PV	340i	AT	2561	1.5	1.5	0.8	1.0		0.5	5	5	2500	0	2.1	0	1	0	3.1	1550
PV	340i xDrive	MT	416	1.5	1.5	0.8	1.0		0.5	5	5	406	0	2.1	0	1	0	3.1	252
PV	340i xDrive	AT	2430	1.5	1.5	0.8	1.0		0.5	5	5	2372	0	2.1	0	1	0	3.1	1471
PV	340i xDrive Gran Turismo	AT	446	1.5	1.5	0.8	1.0		0.5	5	5	435	0	2.1	0	1	0	3.1	270
PV	430i Convertible	AT	6590	1.5	1.5	0.8	1.0		0.5	5	5	6434	0	2.1	0	1	0	3.1	3989
PV	430i Coupe	MT	47	1.5	1.5	0.8	1.0		0.5	5	5	46	0	2.1	0	1	0	3.1	28
PV	430i Coupe	AT	1767	1.5	1.5	0.8	1.0		0.5	5	5	1725	0	2.1	0	1	0	3.1	1070
PV	430i Gran Coupe	AT	7760	1.5	1.5	0.8	1.0		0.5	5	5	7576	0	2.1	0	1	0	3.1	4697
PV	430i xDrive Convertible	AT	3795	1.5	1.5	0.8	1.0		0.5	5	5	3705	0	2.1	0	1	0	3.1	2297
PV	430i xDrive Coupe	AT	1328	1.5	1.5	0.8	1.0		0.5	5	5	1297	0	2.1	0	1	0	3.1	804
PV	430i xDrive Gran Coupe	AT	5859	1.5	1.5	0.8	1.0		0.5	5	5	5720	0	2.1	0	1	0	3.1	3547
PV	440i Convertible	AT	1176	1.5	1.5	0.8	1.0		0.5	5	5	1148	0	2.1	0	1	0	3.1	712
PV	440i Coupe	MT	67	1.5	1.5	0.8	1.0		0.5	5	5	65	0	2.1	0	1	0	3.1	41
PV	440i Coupe	AT	988	1.5	1.5	0.8	1.0		0.5	5	5	965	0	2.1	0	1	0	3.1	598
PV	440i Gran Coupe	AT	2161	1.5	1.5	0.8	1.0		0.5	5	5	2110	0	2.1	0	1	0	3.1	1308
PV	440i xDrive Convertible	AT	1179	1.5	1.5	0.8	1.0		0.5	5	5	1151	0	2.1	0	1	0	3.1	714
PV	440i xDrive Coupe	MT	149	1.5	1.5	0.8	1.0		0.5	5	5	145	0	2.1	0	1	0	3.1	90
PV	440i xDrive Coupe	AT	834	1.5	1.5	0.8	1.0		0.5	5	5	814	0	2.1	0	1	0	3.1	505
PV	440i xDrive Gran Coupe	AT	1623	1.5	1.5	0.8	1.0		0.5	5	5	1585	0	2.1	0	1	0	3.1	982
PV	530e	AT	5660	1.5	1.5	0.8	1.0		0.5	5	5	5526	2.5	2.1	1.7	0.9	0	7.2	7957
PV	530e xDrive	AT	2623	1.5	1.5	0.8	1.0		0.5	5	5	2561	2.5	2.1	1.7	0.9	0	7.2	3688
PV	530i	AT	6276	1.5	1.5	0.8	1.0		0.5	5	5	6127	2.5	2	1.7	0.9	0	7.1	8701
PV	530i xDrive	AT	9956	1.5	1.5	0.8	1.0		0.5	5	5	9720	2.5	2.1	1.7	0.9	0	7.2	13997
PV	540d xDrive	AT	776	1.5	1.5	0.8	1.0		0.5	5	5	758	2.5	1.9	1.7	0.9	0	7	1061
PV	540i	AT	8237	1.5	1.5	0.8	1.0		0.5	5	5	8042	2.5	1.9	1.7	0.9	0	7	11259
PV	540i xDrive	AT	8365	1.5	1.5	0.8	1.0		0.5	5	5	8167	2.5	1.9	1.7	0.9	0	7	11434
PV	640i Convertible	AT	258	1.5	1.5	0.8				3.8	3.8	191	0	1.1	0	1	1.5	3.6	181
PV	640i Gran Coupe	AT	252	1.5	1.5	0.8				3.8	3.8	187	0	1	0	1	1.5	3.5	172
PV	640i xDrive Convertible	AT	155	1.5	1.5	0.8				3.8	3.8	115	0	1.1	0	1	1.5	3.6	109
PV	640i xDrive Gran Coupe	AT	231	1.5	1.5	0.8				3.8	3.8	171	0	1	0	1	1.5	3.5	158
PV	640i xDrive Gran Turismo	AT	3148	1.5	1.5	0.8	1.0		0.5	5	5	3073	2.5	1.8	1.7	1	0	7	4303
PV	650i Convertible	AT	280	1.5	1.5	0.8				3.8	3.8	208	0	1	0	1	1.5	3.5	191
PV	650i Gran Coupe	AT	215	1.5	1.5	0.8				3.8	3.8	160	0	1	0	1	1.5	3.5	147
PV	650i xDrive Convertible	AT	265	1.5	1.5	0.8				3.8	3.8	197	0	1	0	1	1.5	3.5	181
PV	650i xDrive Gran Coupe	AT	259	1.5	1.5	0.8				3.8	3.8	192	0	1.1	0	1	1.5	3.6	182
PV	740e xDrive	AT	523	1.5	1.5	0.8	1.0		0.5	5	5	511	0	1.2	1.6	1	0	3.8	388
PV	740i	AT	2087	1.5	1.5	0.8	1.0		0.5	5	5	2038	0	1.4	1.6	1	0	4	1630
PV	740i xDrive	AT	481	1.5	1.5	0.8	1.0		0.5	5	5	470	0	1.4	1.6	1	0	4	376
PV	750i	AT	1853	1.5	1.5	0.8	1.0		0.5	5	5	1809	0	1.1	1.6	1	1.5	5.2	1881
PV	750i xDrive	AT	1756	1.5	1.5	0.8	1.0		0.5	5	5	1714	0	1	1.6	1	1.5	5.1	1749
PV	M2	MT	1086	1.5	1.5	0.8				3.8	3.8	806	0	2.1	0	0.8	1.5	4.4	933
PV	M2	AT	626	1.5	1.5	0.8				3.8	3.8	464	0	2.1	0	0.8	1.5	4.4	538
PV	M240i xDrive Coupe	AT	783	1.5	1.5	0.8	1.0		0.5	5	5	764	0	2.1	0	1	0	3.1	474
PV	M240i Convertible	MT	58	1.5	1.5	0.8	1.0		0.5	5	5	57	0	2.1	0	1	0	3.1	35
PV	M240i Convertible	AT	616	1.5	1.5	0.8	1.0		0.5	5	5	601	0	2.1	0	1	0	3.1	373
PV	M240i Coupe	MT	692	1.5	1.5	0.8	1.0		0.5	5	5	676	0	2.1	0	1	0	3.1	419
PV	M240i Coupe	AT	266	1.5	1.5	0.8	1.0		0.5	5	5	260	0	2.1	0	1	0	3.1	161
PV	M240i xDrive Convertible	AT	543	1.5	1.5	0.8	1.0		0.5	5	5	530	0	2.1	0	1	0	3.1	329
PV	M3	MT	1426	1.5	1.5	0.8				3.8	3.8	1058	0	2.1	0	0.8	0	2.9	807
PV	M3	AT	3203	1.5	1.5	0.8				3.8	3.8	2377	0	2.1	0	0.8	0	2.9	1814
PV	M4 Convertible	MT	107	1.5	1.5	0.8				3.8	3.8	79	0	2.1	0	0.8	0	2.9	61
PV	M4 Convertible	AT	1166	1.5	1.5	0.8				3.8	3.8	865	0	2.1	0	0.8	0	2.9	660
PV	M4 Coupe	MT	430	1.5	1.5	0.8				3.8	3.8	319	0	2.1	0	0.8	0	2.9	243
PV	M4 Coupe	AT	2164	1.5	1.5	0.8				3.8	3.8	1606	0	2.1	0	0.8	0	2.9	1225
PV	M5	AT	1624	1.5	1.5	0.8	1.0		0.5	5	5	1586	0	1	1.7	1	0	3.7	1173
PV	M550i xDrive	AT	3974	1.5	1.5	0.8	1.0		0.5	5	5	3880	2.5	1.6	1.7	1	1.5	8.3	6441

PV	M6 Convertible	MT	15	1.5	1.5	0.8			3.8	3.8	11	0	1	0	1	0	2	6		
PV	M6 Convertible	AT	167	1.5	1.5	0.8			3.8	3.8	124	0	1	0	1	0	2	65		
PV	M6 Coupe	AT	1	1.5	1.5	0.8			3.8	3.8	1	0	1	0	1	0	2	0		
PV	M6 Gran Coupe	MT	6	1.5	1.5	0.8			3.8	3.8	4	0	1	0	1	0	2	2		
PV	M6 Gran Coupe	AT	162	1.5	1.5	0.8			3.8	3.8	120	0	1	0	1	0	2	63		
PV	M760i xDrive	AT	286	1.5	1.5	0.8	1.0	0.5	5	5	279	0	1	1.6	1	0	3.6	201		
PV	Alpina B6 xDrive Gran Coupe	AT	25	1.5	1.5	0.8			3.8	3.8	19	0	2.1	0	1	1.5	4.6	22		
PV	Alpina B7 xDrive	AT	41	1.5	1.5	0.8	1.0	0.5	5	5	40	0	2.1	1.6	1	1.5	6.2	50		
PV	X1 sDrive28i	AT	15115	1.5	1.5	0.8	1.0	0.5	5	5	14757	0	2.1	0	0.2	0	2.3	6788		
PV	X1 xDrive28i	AT	28851	1.5	1.5	0.8	1.0	0.5	5	5	28168	0	2.1	0	0.2	0	2.3	12957		
PV	X1 xDrive28i	AT	1176	1.5	1.5	0.8	1.0	0.5	5	5	1148	0	2.1	0	0.2	0	2.3	528		
PV	X2 sDrive28i	AT	6457	1.5	1.5	0.8	1.0	0.5	5	5	6304	2.5	2.1	0	0.4	0	5	6304		
PV	X2 xDrive28i	AT	13857	1.5	1.5	0.8	1.0	0.5	5	5	13529	2.5	2.1	0	0.4	0	5	13529		
PV	I3 BEV (94 Ah)	AT	1131	1.5	1.5	0.8		0.5	4.3	4.3	950	0	0	0	0.5	0	0.5	110		
PV	I3 REX (94 Ah)	AT	5176	1.5	1.5	0.8		0.5	4.3	4.3	4346	0	0	0	0.5	0	0.5	505		
PV	I3s BEV (94 Ah)	AT	332	1.5	1.5	0.8		0.5	4.3	4.3	279	0	0	0	0.5	0	0.5	32		
PV	I3s REX (94Ah)	AT	1321	1.5	1.5	0.8		0.5	4.3	4.3	1109	0	0	0	0.5	0	0.5	129		
LT	X3 xDrive30i	AT	31189	2.2	2.2	1.0	1.4	0.7	7.2	7.2	50720	4.4	2.8	2.6	0.9	0	10.7	75376		
LT	X3 M40i	AT	8297	2.2	2.2	1.0	1.4	0.7	7.2	7.2	13493	4.4	2.8	2.6	1	0	10.8	20239		
LT	X4 xDrive28i	AT	3427	2.2	2.2	1.0			5.4	5.4	4180	0	2.8	0	0.8	3.2	6.8	5263		
LT	X4 M40i	AT	1624	2.2	2.2	1.0			5.4	5.4	1981	0	2.8	0	0.8	3.2	6.8	2494		
LT	X5 M	AT	1214	2.2	2.2	1.0			5.4	5.4	1481	0	1.3	0	1	0	2.3	631		
LT	X5 sDrive35i	AT	10961	2.2	2.2	1.0			5.4	5.4	13369	0	2.6	0	0.9	3.2	6.7	16587		
LT	X5 xDrive35d	AT	4222	2.2	2.2	1.0			5.4	5.4	5149	0	2.4	0	0.9	0	3.3	3147		
LT	X5 xDrive35i	AT	32978	2.2	2.2	1.0			5.4	5.4	40222	0	2.6	0	0.9	3.2	6.7	49905		
LT	X5 xDrive40e	AT	7732	2.2	2.2	1.0		0.7	6.1	6.1	10653	0	2.5	0	0.9	3.2	6.6	11526		
LT	X5 xDrive50i	AT	2077	2.2	2.2	1.0			5.4	5.4	2533	0	1.9	0	1	3.2	6.1	2862		
LT	X6 M	AT	498	2.2	2.2	1.0			5.4	5.4	607	0	1.3	0	1	0	2.3	259		
LT	X6 sDrive35i	AT	1507	2.2	2.2	1.0			5.4	5.4	1838	0	2.6	0	0.9	3.2	6.7	2281		
LT	X6 xDrive35i	AT	5456	2.2	2.2	1.0			5.4	5.4	6655	0	2.5	0	0.9	3.2	6.6	8133		
LT	X6 xDrive50i	AT	608	2.2	2.2	1.0			5.4	5.4	742	0	2.2	0	1	3.2	6.4	879		
			PV Volume:	287179							PV Fleet Total:	268678 Mg							PV Fleet Total:	213148 Mg
			LT Volume:	111790							LT Fleet Total:	153623 Mg							LT Fleet Total:	199582 Mg