

MY 2019 Pre Model Year CAFE Report - LDT



	Brand	Carline	Engine	DISP	Transmission	IW	ETW	FE CITY	CITY	Formula	FE HWY	HWY	Formula	MT FE COMB	COMB	Sales	Weighted Sales/MPG
Audi	Audi	Q3 quattro	2.0L	2.0L / 121	S6	4000	4000	24.8000	24.8	149.5	38.5000	38.5	96.3	29.5284	29.5	3,707	125.6610
	Audi	Q5	2.0L	2.0L / 121	S7	4500	4500	27.6000	27.6	2,109.3	38.9089	38.9	1,496.6	31.7531	31.8	58,217	1,830.7233
	Audi	Q5 Hybrid	2.0L	2.0L / 122	S8	4500	4500	30.4000	30.4	44.6	39.9000	39.9	34.0	34.0480	34.0	1,356	39.8824
	Audi	Q7	2.0L	2.0L / 121	S8	5000	5250	24.5000	24.5	587.6	37.3000	37.3	386.0	28.9743	29.0	14,397	496.4483
	Audi	Q7	3.0L	3.0L / 183	S8	5000	5250	23.5000	23.5	1,080.9	35.2000	35.2	721.6	27.6332	27.6	25,400	920.2899
	Audi	Q8	3.0L	3.0L / 183	S8	5500	5500	20.9000	20.9	622.7	30.6987	30.7	423.9	24.4055	24.4	13,014	533.3607
Bentley	Audi	SQ5	3.0L	3.0L / 183	S7	4500	4750	23.3000	23.3	409.5	33.0000	33.0	289.2	26.8518	26.9	9,542	354.7212
	Bentley	Bentayga	6.0L	6.0L / 366	S8	6000	6000	17.6000	17.6	87.7	28.4000	28.4	54.4	21.2336	21.2	1,544	72.8302
Lamborghini	Lamborghini	Urus	4.0L	4.0L / 244	S8	5500	5500	15.0000	15.0	75.3	22.8000	22.8	49.5	17.7294	17.7	1,129	63.7853
Porsche	Porsche	Cayenne	3.0L	3.0L / 183	SA-8	5000	5000	23.7000	23.7	541.9	32.8000	32.8	391.6	27.0810	27.1	12,844	473.9483
	Porsche	Cayenne S	2.9L	2.9L / 177	SA-8	5000	5250	22.8000	22.8	190.8	31.6000	31.6	137.7	26.0666	26.1	4,351	166.7050
	Porsche	Cayenne S e-Hybrid	3.0L	3.0L / 183	SA-8	5000	5250	37.5000	37.5	45.4	37.4000	37.4	45.5	37.4549	37.5	1,702	45.3867
	Porsche	Cayenne Turbo	4.0L	4.0L / 244	SA-8	5500	5500	18.7000	18.7	75.1	27.6000	27.6	50.9	21.8741	21.9	1,404	64.1096
	Porsche	Macan	2.0L	2.0L / 121	SA-8	4500	4500	25.6000	25.6	253.3	35.8000	35.8	181.1	29.3000	29.3	6,485	221.3311
	Porsche	Macan S	3.0L	3.0L / 183	SA-8	4500	4750	21.4000	21.4	180.7	31.7000	31.7	122.0	25.1000	25.1	3,868	154.1036
	Porsche	Macan Turbo	2.9L	2.9L / 177	SA-8	4500	4750	21.2000	21.2	68.3	31.8000	31.8	45.5	24.9000	24.9	1,447	58.1124
	Volkswagen	Volkswagen	Atlas	2.0L	2.0L / 121	S8	4500	4500	25.7000	25.7	107.3	36.5000	36.5	75.6	29.6476	29.6	2,758
Volkswagen		Atlas	3.6L	3.6L / 219	S8	4500	4750	21.0000	21.0	852.0	33.3000	33.3	537.3	25.1864	25.2	17,891	709.9603
Volkswagen		Atlas 4Motion	3.6L	3.6L / 219	S8	5000	5000	21.1972	21.2	2,531.7	32.2320	32.2	1,666.9	25.0576	25.1	53,673	2,138.3665
Volkswagen		Tiguan	2.0L	2.0L / 121	S6	4000	4000	28.1000	28.1	1,559.8	42.1000	42.1	1,041.1	33.0450	33.0	43,831	1,328.2121
Volkswagen		Tiguan 4Motion	2.0L	2.0L / 121	S8	4000	4250	26.8000	26.8	2,784.7	41.4990	41.5	1,798.3	31.8816	31.9	74,631	2,339.5298

Volkswagen Group Total Units	353,191	
Unrounded Fleet Average (MPG)	28.8775	12,230.6434
Rounded Fleet Average (MPG)	28.9	
Volkswagen Group Fleet Average CAFÉ w/ Average FE Improvement (MPG)	0.6	
Volkswagen Group Fleet Average CAFE w/FE Improvement (MPG)	29.5	

	MY 2018 LDT
MPG	28.9
FCIV _{Ac}	0.0007400342
FCIV _{Oc}	0.000000
FCIV _{Pu}	0
ACCredit	524,645
VLM	225,865
Production	353,191
PUCredit	0
Average MPG	29.5
Final MPG	29.5

MY 2019 Pre Model Year CAFE Report - LDT Fleet Standard

Brand	Carline	Fleet	Carline Code	SUSPENSION TYPE	BODY STYLE	Eng	IW	BASE TIRE	TRACK WIDTH (xxx in) - FRONT	TRACK WIDTH (xxx in) - REAR	TRACK WIDTH (xxx in) - AVERAGE	WHEELBASE (xxx in) - AVERAGE	FOOTPRINT	2019 MPG Target	2019 GHG Target	Volumes	Weighted Target	GHG Weighted Target
Audi	SQ5	LDT	335	Steel Springs	SUV	3.0L	4500	255/45 R20	64.5	64.3	64.4	110.8	49.6	32.53	259.8	9,542	310401.26	2479011.6
Volkswagen	Atlas	LDT	180	Steel Springs	SUV	3.6L	4750	255/55 R18	67.2	67.9	67.6	117.3	55.1	29.73	285.6	17,891	531899.43	5109669.6
Volkswagen	Atlas	LDT	180	Steel Springs	SUV	2.0L	4500	255/55 R18	67.2	67.9	67.6	117.3	55.1	29.73	285.6	2,758	81995.34	787684.8
Volkswagen	Atlas 4Motion	LDT	185	Steel Springs	SUV	3.6L	5000	255/55 R18	67.2	67.9	67.6	117.3	55.1	29.73	285.6	53,673	1595698.29	15329008.8
Audi	Q3 quattro	LDT	62	Steel Springs	Small SUV	2.0	4000	235/50 R18	61.1	61.2	61.2	102.5	43.6	36.26	231.7	3,707	134415.82	858911.9
Audi	Q5	LDT	330	Steel Springs	SUV	2.0L	4500	235/55 R19	63.7	63.7	63.7	110.5	48.9	32.93	256.6	58,217	1917085.81	14938482.2
Audi	Q5 hybrid	LDT	340	Steel Springs	SUV	2.0L	4500	235/55 R19	63.7	63.7	63.7	110.5	48.9	32.93	256.6	1,356	44653.08	347949.6
Audi	Q7	LDT	320	Steel Springs	SUV	3.0L	5250	255/55 R19	65.6	66.0	65.8	117.9	53.9	30.3	280	14,397	436229.1	4031160
Audi	Q7	LDT	320	Steel Springs	SUV	2.0L	5250	255/60 R18	65.8	66.3	66.0	117.9	54.0	30.25	280.4	25,400	768350	7122160
Audi	Q8	LDT	380	Steel Springs	SUV	3.0L	5500	275/50R20	66.1	66.6	66.4	117.9	54.3	30.11	281.8	13,014	391851.54	3667345.2
Bentley	Bentayga	LDT	33	Front Independent Double wi	SUV	4.0L	6000	275/50 R20	64.6	64.5	64.6	120.5	54.1	30.21	280.9	1,544	46644.24	433709.6
Lamborghini	Urus	LDT	410	Steel Springs	SUV	4.0L	5500	F 285/45 ZR21 R 315/40 ZR21	66.7	67.3	67.0	118.2	55.0	29.78	285.1	1,129	33621.62	321877.9
Volkswagen	Tiguan	LDT	170	Steel Springs	SUV	2.0L	4000	215/65-17	62.2	61.8	62.0	109.8	47.3	33.87	249.1	43,831	1484555.97	10918302.1
Volkswagen	Tiguan 4Motion	LDT	175	Steel Springs	SUV	2.0L	4250	215/65-17	62.2	61.8	62.0	109.8	47.3	33.87	249.1	74,631	2527751.97	18590582.1
Porsche	Macan	LDT	301	Steel Springs	SUV	2.0L	4500	235/60R18(f) 255/55R18(r)	65.2	65.0	65.1	110.5	50.0	32.31	261.7	6,485	209530.35	1697124.5
Porsche	Macan S	LDT	311	Steel Springs	SUV	3.0L	4500	235/55R19(f) 255/50R19(r)	65.2	65.0	65.1	110.5	50.0	32.31	261.7	3,868	124975.08	1012255.6
Porsche	Macan Turbo	LDT	321	Steel Springs	SUV	2.9L	4500	235/55R19(f) 255/50R19(r)	65.2	65.0	65.1	110.5	50.0	32.31	261.7	1,447	46752.57	378679.9
Porsche	Cayenne	LDT	401	Steel Springs	SUV	3.0L	5000	255/55R19(f) 275/50R19(r)	66.1	65.9	66.0	114.0	52.3	31.1	272.5	12,844	399448.4	3499990
Porsche	Cayenne S	LDT	411	Steel Springs	SUV	2.9L	5000	255/55R19(f) 275/50R19(r)	66.1	65.9	66.0	114.0	52.3	31.1	272.5	4,351	135316.1	1185647.5
Porsche	Cayenne Turbo	LDT	421	Steel Springs	SUV	4.0L	5500	285/40R21(f), 315/35Z21(r)	66.4	66.4	66.4	114.0	52.6	30.94	273.9	1,404	43439.76	384555.6
Porsche	Cayenne S e-Hybrid	LDT	441	Steel Springs	SUV	3.0L	5000	255/55R19(f) 275/50R19(r)	66.1	65.9	66.0	114.0	52.3	31.1	272.5	1,702	52932.2	463795

LDT CAFE	
Total Units	353,191
Weighted Target Sum	11317547.9
CAFE Fleet Standard	32.0437
Volkswagen Group CAFE Std	32.0

GHG LDT	
GHG Weighted Target Sum	93557903.50
Fleet Standard	264.89
Volkswagen GHG Standard	265

MY 2019 Pre Model Year CAFE Report - LDT Confg

Brand	Carline	Test Group	EPA Class	Curb Wgt	ETW	IW	Disp	CYL	HP NET	ENG CODE	FUELSYS	Transmission	OVER-DRIVE	TOTAL RATIO	AXLE RATIO	Fuel	FE CITY	FE HWY	FE COMBINED	Sales	INTERIOR VOLUME INDEX	BODY STYLE	SEAT REM	LIVINGS QTRIS	TRLHP	ECS
Audi	Q2	KVGAJ02.0A4C	LDT2	4143	4500	4500	1.984	4	240	DIYA	GOPI	DL382-7A	2	24.66	3.302	G	27.6000	38.9089	31.7531	98 217	NA	quattro SUV	N	N	15.5	DR/TC/CAC/TWC/WR-H025/H025
Audi	Q2 Hybrid		LDT2	4190	4500	4500	2.0	4	211	ENGB	FI	SA-8	2	0.3	3.76	G	30.4000	39.9000	34.0480	1 326	NA	quattro SUV	Y	N	14.8	DR/AIR/TC/CAC/TWC/WR-H025/H025
Audi	Q7	KVGAT03.0A1E	LDT4	5071	5250	5000	2.995	6	329	CREC	GOPI	AL332-BQ	2	23.1	3.204	G	34.5000	37.3000	28.9743	14 397	NA	quattro SUV	N	N	16.6	DR / 5R/AIR/5C/ZCAC/ZTWC/ZWR-H025/ZH025
Audi	Q7	KVGAJ02.0A4C	LDT3	4771	3250	3000	1.984	4	248	CVMC	GOPI	AL332-BQ	2	29.33	3.76	G	23.5000	35.2000	27.6382	25 400	NA	quattro SUV	N	N	16.3	DR/TC/CAC/TWC/WR-H025/H025
Audi	Q8	KVGAJ03.0N4M	LDT4	5128	5500	5500	2.995	6	333	DCED	GOI	AL332-BQ	2	23.54	3.504	G	20.9000	30.6987	24.4023	13 024	25/100	SUV quattro	N	N	17	DR/TC/CAC/WU-TWC/TWC/WR-H025/H025
Audi	SQ5	KVGAJ03.0N7F	LDT2	4487	4750	4500	2.995	6	349	DMGD	GOI	AL332-BQ	2	23.86	3.204	G	23.3000	33.0000	26.85	9 542	NA	quattro SUV	N	N	17.8	DR/TC/CAC/WU-TWC/TWC/WR-H025/H025
Bentley	Bentayga	KVGAJ04.0PAA	LDT4	5505	6000	6000	3.996	8	542	DCUA	GOI	AL932-BQ	2	34	3.2	G	17.6000	28.4000	21.23	6 154	NA		N	N	19	DR / ZCAC / ZTC / ZWR-H025 / ZWU-TWC / ZH025
Lamborghini	Urus	KVGAJ04.0PAA	LDT4	5505	5500	5500	3.996	8	641	SHUA	GOI	AL932-BQ	2	24	3.2	G	15.0000	22.8000	17.7294	1 129	NA		N	N	22.5	DR / ZCAC / ZTC / ZWR-H025 / ZWU-TWC / ZH025
Porsche	Cayenne		LDT3	4696	5000	5000	3.6	6	333	DCB	FI	SA-8	Y	33.7	3.7	G	23.7000	32.8000	27.08	0 12 844	NA	SUV	N	N	18	1TWC/MAP/DR/H025(1)/1TTC/CAC
Porsche	Cayenne S		LDT3	4892	5250	5000	3.6	6	404	DCA	FI	SA-8	Y	41.4	2.93	G	22.3000	31.6000	26.9669	4 351	NA	SUV	N	N	8.9	2TWC/MAP/DR/H025(1)/ZTTC/ZCAC
Porsche	Cayenne S e-Hybrid		LDT3	5413	5500	5500	3.0	6	416	CEE	FI	SA-8	Y	47.1	3.27	G	37.5000	37.4000	37.4348	1 702	NA	SUV	N	N	15.9	2TWC/MAP/DR/ZH025(1)/AIR/ZTTC/ZCAC
Porsche	Cayenne Turbo		LDT3	5322	5500	5500	4.8	8	541	DCU	FI	SA-8	Y	8.4	2.92	G	18.7000	27.6000	21.8741	1 404	NA	SUV	N	N	19.3	2TWC/MAP/DR/H025(1)/ZTTC/ZCAC
Porsche	Macan		LDT2	4120	4500	4500	2.0	4	239	CYN	FI	AMS-7	Y	43.8	4.67	G	25.6000	35.8000	29.3000	6 485	NA	SUV	N	N	15.4	1TWC/MAP/DR/H025(1)/1TTC/CAC
Porsche	Macan S		LDT2	4332	4750	4500	3.0	6	340	CTL	FI	AMS-7	Y	41.2	4.4	G	21.4000	31.7000	25.1000	3 868	NA	SUV	N	N	15.4	1TWC/MAP/DR/H025(1)/1TTC/CAC
Porsche	Macan Turbo		LDT2	4475	4750	4500	3.6	6	400	CTM	FI	AMS-7	Y	6.8	4.67	G	21.2000	31.8000	24.9000	1 447	NA	SUV	N	N	13.4	2TWC/MAP/DR/H025(1)/ZTTC/ZCAC
Volkswagen	Atlas	KVGAJ03.0E4S	LDT2	4251	4750	4500	3.6	6	276	DMVC	GOI	AQ450-SF	2	28.36	3.533	G	23.7000	36.7000	29.64	2 718	NA	SUV	N	N	17	DR/ZWU-TWC/ZTWC/ZWR-H025/ZH025
Volkswagen	Atlas	KVGAJ02.0AAA	LDT2	4251	4500	4500	1.984	4	235	DCGA	GOI	AQ450-SF	2	28	3.604	G	21.0000	33.3000	25.1864	17 891	NA	SUV	N	N	16.6	DR/TC/CAC/WU-TWC/TWC/WR-H025/H025
Volkswagen	Atlas 4Motion	KVGAJ03.0E4S	LDT3	4696	5000	5000	3.6	6	276	DMVC	GOI	AQ450-SA	2	28.36	3.533	G	21.1971	32.2320	25.0576	93 673	NA	SUV	N	N	18.1	DR/ZWU-TWC/ZTWC/ZWR-H025/ZH025
Volkswagen	Tiguan	KVGAJ02.0A3A	LDT2	3664	4000	4000	1.984	4	184	DSUA	GOI	AQ450-SF	2	29.78	3.533	G	26.1000	42.1000	33.0420	48 831	NA		N	N	14.4	DR/TC/CAC/AIR/WU-TWC/TWC/WR-H025/H025
Volkswagen	Tiguan 4Motion	KVGAJ02.0A3A	LDT2	3907	4250	4000	1.984	4	184	DSUA	GOI	AQ450-SA	2	29.78	3.533	G	26.3000	41.4990	31.83	6 74 631	NA		N	N	15.3	DR/TC/CAC/AIR/WU-TWC/TWC/WR-H025/H025

MY 2019 Pre Model Year CAFE Report - LDT Determination

Model Year	Brand	Carline	Engine	Transmission	Approach Angle	Breakover Angle	Departure Angle	Running Clearance [mm]	Front and Rear Axle Clearance [mm]	3rd Row Seating
2019	Audi	Q5	2.0L	DL382-7A	23.7	17.5	24	209	205	FALSE
2019	Audi	Q5 Hybrid	2.0L	SA-8	23.7	17.5	24	209	205	FALSE
2019	Audi	Q7	2.0L	AL552-8Q						TRUE
2019	Audi	Q7	3.0L	AL552-8Q						TRUE
2019	Audi	Q8	3.0L	AL552-8Q	23.1	19.8	21.6	214	214	FALSE
2019	Audi	SQ5	3.0L	AL552-8Q	23	18.2	20.7	208	208	FALSE
2019	Bentley	Bentayga	4.0L	AL952-8Q	25	20	25	234	253	FALSE
2019	Lamborghini	Urus	4.0L	AL952-8Q	18.3	19.3	25	213	213	FALSE
2019	Porsche	Cayenne	2.0L	SA-8	26.3	20.9	24	215	215	FALSE
2019	Porsche	Cayenne S	3.6L	SA-8	26.3	20.9	23.8	215	215	FALSE
2019	Porsche	Cayenne S e-Hybrid	3.6L	SA-8	26.3	20.9	23.8	215	215	FALSE
2019	Porsche	Cayenne Turbo	2.0L	SA-8	26.4	20.9	23.8	215	215	FALSE
2019	Porsche	Macan	2.0L	AMS-7	26.6	19	25.3	230	230	FALSE
2019	Porsche	Macan S	2.0L	AMS-7	26.6	19	25.3	230	230	FALSE
2019	Porsche	Macan Turbo	3.0L	AMS-7	26.6	19	25.3	230	230	FALSE
2019	Volkswagen	Atlas	2.9L	AQ450-8F	20.4	22.2	18	206	215	FALSE
2019	Volkswagen	Atlas	3.0L	AQ450-8F	20.4	22.2	18	206	215	FALSE
2019	Volkswagen	Atlas 4Motion	2.9L	AQ450-8A	20.4	22.2	18	206	215	FALSE
2019	Volkswagen	Tiguan	4.0L	AQ450-8F	28.5	21.3	24.4	175	203	FALSE
2019	Volkswagen	Tiguan 4Motion	3.0L	AQ450-8A	28.5	21.3	24.4	175	203	FALSE