

2019 Production of Land Use Engines

Japan Land Engine Manufacturers Association

Upper Line: Quantity(units)
Lower Line: Value(million yen)

Grand Total			Gasoline Engine								Diesel Engine							Gas Engine	
			Total	Water-Cooled	Air-Cooled						Total	Water-Cooled						Air-Cooled	Total
					Sub Total	less than 3PS		3PS and over		less than 10PS		10PS and over less than 30PS	30PS and over less than 100PS	100PS and over less than 500PS	500PS and over less than 1000PS	1000PS and over			
						2-cycle	4-cycle	2-cycle	4-cycle										
Jan to Mar	2018	903,435 134,910	466,586 10,961	5,325	337,735	324,862	12,873	123,526	27,386	96,140	414,242 120,645	18,193	173,977	185,640	21,407	746	796	13,483	22,607 3,304
	2019	1,114,402 156,522	636,755 17,103	4,286	381,482	359,109	22,373	250,987	38,767	212,220	455,117 135,586	22,057	209,913	180,550	26,945	725	675	14,252	22,530 3,833
	19/18	123.4% 116.0%	136.5% 156.0%	80.5%	113.0%	110.5%	173.8%	203.2%	141.6%	220.7%	109.9% 112.4%	121.2%	120.7%	97.3%	125.9%	97.2%	84.8%	105.7%	99.7% 116.0%
Apr to Jun	2018	1,033,893 150,672	537,714 17,165	3,193	390,405	335,166	55,239	144,116	23,124	120,992	470,418 129,868	20,574	201,381	210,262	22,222	899	774	14,306	25,761 3,639
	2019	1,135,683 158,482	623,168 12,091	3,454	399,368	368,587	30,781	220,346	39,888	180,458	481,674 142,078	25,792	218,807	190,586	30,679	714	488	14,608	30,841 4,313
	19/18	109.8% 105.2%	115.9% 70.4%	108.2%	102.3%	110.0%	55.7%	152.9%	172.5%	149.1%	102.4% 109.4%	125.4%	108.7%	90.6%	138.1%	79.4%	63.0%	102.1%	119.7% 118.5%
Jul to Sep	2018	997,299 149,481	525,341 15,893	5,129	301,134	253,430	47,704	219,078	45,492	173,586	447,322 129,554	21,473	174,157	212,155	25,739	773	835	12,190	24,636 4,034
	2019	997,724 141,804	551,672 10,650	4,157	319,103	301,609	17,494	228,412	43,003	185,409	423,137 126,686	22,813	195,808	165,573	26,469	586	552	11,336	22,915 4,468
	19/18	100.0% 94.9%	105.0% 67.0%	81.0%	106.0%	119.0%	36.7%	104.3%	94.5%	106.8%	94.6% 97.8%	106.2%	112.4%	78.0%	102.8%	75.8%	66.1%	93.0%	93.0% 110.8%
Oct to Dec	2018	1,152,769 162,667	615,007 13,005	5,746	373,627	323,635	49,992	235,634	34,179	201,455	516,425 145,901	21,992	195,241	254,798	27,271	815	895	15,413	21,337 3,761
	2019	917,801 132,133	519,157 10,229	2,817	291,163	279,659	11,504	225,177	33,377	191,800	382,263 118,578	17,853	163,700	153,630	31,254	481	508	14,837	16,381 3,326
	19/18	79.6% 81.2%	84.4% 78.7%	49.0%	77.9%	86.4%	23.0%	95.6%	97.7%	95.2%	74.0% 81.3%	81.2%	83.8%	60.3%	114.6%	59.0%	56.8%	96.3%	76.8% 88.4%
Jan to Dec	2018	4,087,396 597,730	2,144,648 57,024	19,393	1,402,901	1,237,093	165,808	722,354	130,181	592,173	1,848,407 525,968	82,232	744,756	862,855	96,639	3,233	3,300	55,392	94,341 14,738
	2019	4,165,610 588,941	2,330,752 50,073	14,714	1,391,116	1,308,964	82,152	924,922	155,035	769,887	1,742,191 522,928	88,515	788,228	690,339	115,347	2,506	2,223	55,033	92,667 15,940
	19/18	101.9% 98.5%	108.7% 87.8%	75.9%	99.2%	105.8%	49.5%	128.0%	119.1%	130.0%	94.3% 99.4%	107.6%	105.8%	80.0%	119.4%	77.5%	67.4%	99.4%	98.2% 108.2%

Remarks:
 •Exclude automobile, marine, locomotive and aircraft applications
 •Statistics of Gas Engine have been indicated since 2014.
 •LEMA's statistics show the sum of LEMA members only.

corrected May22, 2020