

## 2018 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	
			Total	Water-Cooled	Air-Cooled						Total	Water-Cooled						Air-Cooled		
					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	Sub Total	2-cycle	4-cycle										
Jan to Mar	2017	996,589 128,426	603,496 15,963	10,968	378,453	353,310	25,143	214,075	48,762	165,313	371,242 109,137	17,778	156,515	163,668	18,342	714	879	13,346	21,851 3,326	
	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	
	18/17	90.7% 105.0%	77.3% 68.7%	48.6%	89.2%	91.9%	51.2%	57.7%	56.2%	58.2%	111.6% 110.5%	102.3%	111.2%	113.4%	116.7%	104.5%	90.6%	101.0%	103.5% 99.3%	
Apr to Jun	2017	1,044,257 129,182	632,214 15,441	10,390	406,217	367,519	38,698	215,607	43,823	171,784	381,507 110,454	15,011	153,945	176,138	20,388	704	745	14,576	30,536 3,287	
	2018	1,033,893 146,465	537,714 12,958	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	
	18/17	99.0% 113.4%	85.1% 83.9%	30.7%	96.1%	91.2%	142.7%	66.8%	52.8%	70.4%	123.3% 117.6%	137.1%	130.8%	119.4%	109.0%	127.7%	103.9%	98.1%	84.4% 110.7%	
Jul to Sep	2017	957,904 126,054	554,263 14,705	11,169	309,353	276,161	33,192	233,741	54,515	179,226	377,692 108,094	19,474	152,992	171,292	19,332	655	700	13,247	25,949 3,255	
	2018	997,299 149,387	525,341 15,799	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	
	18/17	104.1% 118.5%	94.8% 107.4%	45.9%	97.3%	91.8%	143.7%	93.7%	83.4%	96.9%	118.4% 119.9%	110.3%	113.8%	123.9%	133.1%	118.0%	119.3%	92.0%	94.9% 123.9%	
Oct to Dec	2017	807,319 130,013	377,270 8,974	3,902	250,152	238,180	11,972	123,216	31,108	92,108	409,353 117,384	16,526	174,632	182,067	21,249	693	818	13,368	20,696 3,655	
	2018	1,152,769 167,546	615,007 17,884	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	
	18/17	142.8% 128.9%	163.0% 199.3%	147.3%	149.4%	135.9%	417.6%	191.2%	109.9%	218.7%	126.2% 124.3%	133.1%	111.8%	139.9%	128.3%	117.6%	109.4%	115.3%	103.1% 102.9%	
Jan to Dec	2017	3,806,069 513,675	2,167,243 55,083	36,429	1,344,175	1,235,170	109,005	786,639	178,208	608,431	1,539,794 445,069	68,789	638,084	693,165	79,311	2,766	3,142	54,537	99,032 13,523	
	2018	4,087,396 598,308	2,144,648 57,602	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	
	18/17	107.4% 116.5%	99.0% 104.6%	53.2%	104.4%	100.2%	152.1%	91.8%	73.1%	97.3%	120.0% 118.2%	119.5%	116.7%	124.5%	121.8%	116.9%	105.0%	101.6%	95.3% 109.0%	

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 July17, 2018