

## 2016 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	2015	1,063,812 120,756	655,729 18,558	18,432	409,593	378,521	31,072	227,704	39,761	187,943	386,006 99,047	26,361	165,379	158,275	14,610	589	748	20,044	22,077 3,151
	2016	1,049,181 124,778	675,283 17,151	9,985	442,548	419,580	22,968	222,750	36,548	186,202	349,238 104,166	22,134	146,344	147,227	14,638	674	688	17,533	24,660 3,459
	15/16	98.6% 103.3%	103.0% 92.4%	54.2%	108.0%	110.8%	73.9%	97.8%	91.9%	99.1%	90.5% 105.2%	84.0%	88.5%	93.0%	100.2%	114.4%	92.0%	87.5%	111.7% 109.8%
Apr to Jun	2015	1,062,185 123,330	656,838 20,470	27,334	428,403	391,515	36,888	201,101	51,620	149,481	385,052 99,682	18,701	163,557	168,243	13,465	609	725	19,752	20,295 3,178
	2016	1,006,970 113,783	652,472 17,165	12,465	441,632	418,635	22,997	198,375	43,199	155,176	332,611 93,570	18,490	139,543	145,929	13,597	556	586	13,910	21,887 3,048
	15/16	94.8% 92.3%	99.3% 83.9%	45.6%	103.1%	106.9%	62.3%	98.6%	83.7%	103.8%	86.4% 93.9%	98.9%	85.3%	86.7%	101.0%	91.3%	80.8%	70.4%	107.8% 95.9%
Jul to Sep	2015	947,504 120,896	555,941 17,504	21,180	359,038	327,587	31,451	175,723	24,915	150,808	366,737 99,563	19,997	153,613	156,897	15,429	695	680	19,426	24,826 3,829
	2016	886,531 112,834	540,257 15,893	15,502	343,343	320,098	23,245	181,412	43,650	137,762	321,413 93,661	17,762	134,824	142,924	14,947	688	717	9,551	24,861 3,280
	15/16	93.6% 93.3%	97.2% 90.8%	73.2%	95.6%	97.7%	73.9%	103.2%	175.2%	91.3%	87.6% 94.1%	88.8%	87.8%	91.1%	96.9%	99.0%	105.4%	49.2%	100.1% 85.7%
Oct to Dec	2015	873,965 117,786	508,132 15,254	15,538	320,097	298,796	21,301	172,497	28,892	143,605	347,024 99,327	21,678	148,867	140,481	14,939	585	732	19,742	18,809 3,205
	2016	840,126 115,579	488,148 13,005	8,334	302,880	278,177	24,703	176,934	30,811	146,123	332,047 99,392	15,462	141,757	142,874	17,126	719	956	13,153	19,931 3,182
	15/16	96.1% 98.1%	96.1% 85.3%	53.6%	94.6%	93.1%	116.0%	102.6%	106.6%	101.8%	95.7% 100.1%	71.3%	95.2%	101.7%	114.6%	122.9%	130.6%	66.6%	106.0% 99.3%
Jan to Dec	2015	3,947,466 482,768	2,376,640 71,786	82,484	1,517,131	1,396,419	120,712	777,025	145,188	631,837	1,484,819 397,619	86,737	631,416	623,896	58,443	2,478	2,885	78,964	86,007 13,363
	2016	3,782,808 466,974	2,356,160 63,214	46,286	1,530,403	1,436,490	93,913	779,471	154,208	625,263	1,335,309 390,789	73,848	562,468	578,954	60,308	2,637	2,947	54,147	91,339 12,969
	15/16	95.8% 96.7%	99.1% 88.1%	56.1%	100.9%	102.9%	77.8%	100.3%	106.2%	99.0%	89.9% 98.3%	85.1%	89.1%	92.8%	103.2%	106.4%	102.1%	68.6%	106.2% 97.1%

**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.