

Production of Land Use Engines (Japan Land Engine Manufacturers Association)

(LEMA's statistics show the sum of LEMA members only)

upper line: q'ty(units)

lower line: value(mil.yen)

	* General Purpose for Land Use	Gasoline Engine	Air-Cooled Gasoline Engine						Water-Cooled Gasoline Engine	Diesel Engine	Water-Cooled Diesel Engine						Air-Cooled Diesel Engine	** Motor-Cycle Engine
			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											
2003	2,049,100	1,829,814	995,064	689,596	305,468	774,448	70,143	704,305	60,302	219,286	11,094	107,603	78,867	10,520	506	245	10,451	122,562
Jan-Mar	91,960	41,744								50,216								
2004	2,507,082	2,239,427	986,165	702,878	283,287	1,194,973	79,518	1,115,455	58,289	267,655	13,034	122,511	109,088	14,183	922	474	7,443	111,200
Jan-Mar	115,852	51,378								64,474								
04/03 (%)	122.4%	122.4%	99.1%	101.9%	92.7%	154.3%	113.4%	158.4%	96.7%	122.1%	117.5%	113.9%	138.3%	134.8%	182.2%	193.5%	71.2%	90.7%
	126.0%	123.1%								128.4%								
2003	2,001,647	1,782,929	954,969	659,875	295,094	769,200	69,029	700,171	58,760	218,718	11,711	103,782	80,210	11,269	357	221	11,168	131,912
Apr-Jun	87,064	39,292								47,772								
2004	1,910,384	1,634,576	937,631	635,225	302,406	626,664	44,419	582,245	70,281	275,808	13,224	124,641	115,894	14,008	810	525	6,706	92,292
Apr-Jun	103,972	40,509								63,463								
04/03 (%)	95.4%	91.7%	98.2%	96.3%	102.5%	81.5%	64.3%	83.2%	119.6%	126.1%	112.9%	120.1%	144.5%	124.3%	226.9%	237.6%	60.0%	70.0%
	119.4%	103.1%								132.8%								
2003	1,889,990	1,675,536	777,503	514,802	262,701	826,603	37,384	789,219	71,430	214,454	11,843	94,363	84,015	12,662	675	297	10,599	119,540
Jul-Sep	91,407	40,486								50,921								
2004	1,850,804	1,574,591	881,760	610,127	271,633	624,827	64,009	560,818	68,004	276,213	13,841	120,696	120,065	12,761	953	510	7,387	78,307
Jul-Sep	103,652	39,440								64,212								
04/03 (%)	97.9%	94.0%	113.4%	118.5%	103.4%	75.6%	171.2%	71.1%	95.2%	128.8%	116.9%	127.9%	142.9%	100.8%	141.2%	171.7%	69.7%	65.5%
	113.4%	97.4%								126.1%								
2003	1,983,317	1,733,501	818,345	585,452	232,893	858,218	57,455	800,763	56,938	249,816	14,244	109,923	100,730	12,923	858	369	10,769	87,736
Oct-Dec	98,902	41,401								57,501								
2004	1,892,070	1,591,104	938,574	644,746	293,828	603,869	71,771	532,098	48,661	300,966	16,768	127,298	134,394	12,887	939	552	8,128	68,690
Oct-Dec	105,070	35,908								69,162								
04/03 (%)	95.4%	91.8%	114.7%	110.1%	126.2%	70.4%	124.9%	66.4%	85.5%	120.5%	117.7%	115.8%	133.4%	99.7%	109.4%	149.6%	75.5%	78.3%
	106.2%	86.7%								120.3%								
2003	7,924,054	7,021,780	3,545,881	2,449,725	1,096,156	3,228,469	234,011	2,994,458	247,430	902,274	48,892	415,671	343,822	47,374	2,396	1,132	42,987	461,750
Jan-Dec	369,333	162,923								206,410								
2004	8,160,340	7,039,698	3,744,130	2,592,976	1,151,154	3,050,333	259,717	2,790,616	245,235	1,120,642	56,867	495,146	479,441	53,839	3624	2061	29,664	350,489
Jan-Dec	428,546	167,235								261,311								
04/03 (%)	103.0%	100.3%	105.6%	105.8%	105.0%	94.5%	111.0%	93.2%	99.1%	124.2%	116.3%	119.1%	139.4%	113.6%	151.3%	182.1%	69.0%	75.9%
	116.0%	102.6%								126.6%								

Remarks: *Exclude automobile, marine, locomotive and aircraft applications

**Only engines with displacement under 50cc are shown