

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

upper line: q'ty(units) (LEMA's statistics show the sum of LEMA members only)

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											
2002	1,752,786	1,562,157	757,107	463,136	293,971	765,917	65,111	700,806	39,133	190,629	14,631	94,535	62,881	7,831	522	171	10,058	156,174
Jan-Mar	77,915	36,015								41,900								
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								
03/02 (%)	116.9%	117.1%	131.4%	148.9%	103.9%	101.1%	107.7%	100.5%	154.1%	115.0%	75.8%	113.8%	125.4%	134.3%	96.9%	143.3%	103.9%	78.5%
	118.0%	115.9%								119.8%								

2002	1,836,651	1,614,282	761,325	514,218	247,107	789,347	73,656	715,691	63,610	222,369	32,550	98,987	71,320	8,512	460	140	10,400	133,237
Apr-Jun	82,379	38,747								43,632								
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								
03/02 (%)	109.0%	110.4%	125.4%	128.3%	119.4%	97.4%	93.7%	97.8%	92.4%	98.4%	36.0%	104.8%	112.5%	132.4%	77.6%	157.9%	107.4%	99.0%
	105.7%	101.4%								109.5%								

2002	1,859,900	1,647,662	720,181	451,954	268,227	860,571	57,240	803,331	66,910	212,238	18,181	98,350	72,610	10,047	600	183	12,267	136,503
Jul-Sep	87,505	41,473								46,032								
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								
03/02 (%)	101.6%	101.7%	108.0%	113.9%	97.9%	96.1%	65.3%	98.2%	106.8%	101.0%	65.1%	95.9%	115.7%	126.0%	112.5%	162.3%	86.4%	87.6%
	104.5%	97.6%								110.6%								

2002	1,896,510	1,636,769	765,334	496,233	269,101	813,523	57,954	755,569	57,912	259,741	51,415	104,966	80,399	10,736	575	191	11,459	136,306
Oct-Dec	89,295	39,511								49,784								
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								
03/02 (%)	104.6%	105.9%	106.9%	118.0%	86.5%	105.5%	99.1%	106.0%	98.3%	96.2%	27.7%	104.7%	125.3%	120.4%	149.2%	193.2%	94.0%	64.4%
	110.8%	104.8%								115.5%								

2002	7,345,847	6,460,870	3,003,947	1,925,541	1,078,406	3,229,358	253,961	2,975,397	227,565	884,977	116,777	396,838	287,210	37,126	2,157	685	44,184	562,220
Jan-Dec	337,094	155,746								181,348								
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	2396	1132	42,987	461,750
Jan-Dec	369,333	162,923								206,410								
03/02 (%)	107.9%	108.7%	118.0%	127.2%	101.6%	100.0%	92.1%	100.6%	108.7%	102.0%	41.9%	104.7%	119.7%	127.6%	111.1%	165.3%	97.3%	82.1%
	109.6%	104.6%								113.8%								

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

\*\*Only engines with displacement under 50cc are shown