

2023 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			
					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				
					Sub Total	2-cycle	4-cycle	Sub Total									2-cycle		4-cycle
Jan to Mar	2022	986,689 172,913	483,375 12,680	3,311	353,813	334,688	19,125	126,251	34,723	91,528	480,909 156,425	20,106	219,133	183,357	42,766	802	838	13,907	22,405 3,808
	2023	865,798 181,858	411,597 11,253	2,412	296,163	285,094	11,069	113,022	26,318	86,704	429,033 165,610	22,627	187,747	169,275	35,200	795	1043	12,346	25,168 4,995
	23/22	87.7% 105.2%	85.2% 88.7%	72.8%	83.7%	85.2%	57.9%	89.5%	75.8%	94.7%	89.2% 105.9%	112.5%	85.7%	92.3%	82.3%	99.1%	124.5%	88.8%	112.3% 131.2%
Apr to Jun	2022	941,897 153,721	473,512 12,097	2,375	365,488	356,065	9,423	105,649	28,479	77,170	438,829 137,634	18,167	212,568	152,922	38,535	782	766	15,089	29,556 3,990
	2023	879,533 179,178	391,428 11,007	1,235	291,775	281,790	9,985	98,418	19,172	79,246	460,065 163,702	24,497	211,002	171,586	36,830	851	1084	14,215	28,040 4,469
	23/22	93.4% 116.6%	82.7% 91.0%	52.0%	79.8%	79.1%	106.0%	93.2%	67.3%	102.7%	104.8% 118.9%	134.8%	99.3%	112.2%	95.6%	108.8%	141.5%	94.2%	94.9% 112.0%
Jul to Sep	2022	934,908 172,662	431,794 12,017	1,943	322,339	311,003	11,336	107,512	19,982	87,530	476,225 156,378	20,373	226,344	177,145	37,713	781	881	12,988	26,889 4,267
	2023	782,398 170,383	305,053 8,448	444	212,028	203,759	8,269	92,581	16,397	76,184	451,680 157,239	27,377	211,500	164,057	34,874	790	1004	12,078	25,665 4,696
	23/22	83.7% 98.7%	70.6% 70.3%	22.9%	65.8%	65.5%	72.9%	86.1%	82.1%	87.0%	94.8% 100.6%	134.4%	93.4%	92.6%	92.5%	101.2%	114.0%	93.0%	95.4% 110.1%
Oct to Dec	2022	870,743 177,761	381,989 11,545	2,332	265,665	251,287	14,378	113,992	27,306	86,686	465,738 162,123	18,675	227,400	181,718	40,717	849	1,041	13,249	23,016 4,093
	2023	738,346 161,970	278,749 7,589	1,989	180,719	172,102	8,617	96,041	18,453	77,588	436,455 149,345	28,686	205,475	153,737	34,076	764	1,017	12,700	23,142 5,036
	23/22	84.8% 91.1%	73.0% 65.7%	85.3%	68.0%	68.5%	59.9%	84.3%	67.6%	89.5%	93.7% 92.1%	153.6%	90.4%	84.6%	83.7%	90.0%	97.7%	95.9%	100.5% 128.0%
Jan to Dec	2022	3,752,148 677,057	1,770,670 48,339	9,961	1,307,305	1,253,043	54,262	453,404	110,490	342,914	1,879,612 612,560	77,321	885,445	695,142	159,731	3,214	3,526	55,233	101,866 16,158
	2023	3,266,075 693,389	1,386,827 38,297	6,080	980,685	942,745	37,940	400,062	80,340	319,722	1,777,233 635,896	103,187	815,724	658,655	140,980	3,200	4,148	51,339	102,015 19,196
	23/22	87.0% 102.4%	78.3% 79.2%	61.0%	75.0%	75.2%	69.9%	88.2%	72.7%	93.2%	94.6% 103.8%	133.5%	92.1%	94.8%	88.3%	99.6%	117.6%	92.9%	100.1% 118.8%

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.