

The Current Condition of the Japanese Machine Tool Industry

Monthly Machine Tool Orders (December 2016)

The total value of machine tool orders in December was 111.88 billion yen. This was an increase of 3.7% compared to November 2016 and marked the two consecutive month of month-on-month growth. Moreover, this figure represented an increase of 4.4% compared to the same month of the previous year for the first time in seventeen months. The total amount of orders topped 110 billion yen for the first time in nine months. This was generated by JIMTOF2016 and the increase orders in Europe and the Americas at the end of the year. Due to the uncertainty of overseas economies, cautious movement will continue in both domestic and overseas market. We will keep a close watch on the trends of the exchange rate and various government policies.

Domestic orders rose by 2.3% over November, amounting to 45.98 billion yen. This marked the two consecutive month of month-on-month growth. This figure was also a growth of 8.0% over the same month of the previous year and marked the first year-on-year increase in eleven months.

Looking at major industries, orders compared to November rose by 4.2% in industrial machinery, fell by 3.4% in motor vehicles, rose by 38.8% in electrical & precision machinery, and fell by 37.1% in aircraft, shipbuilding & transport equipment.

Foreign orders rose by 4.7% over November to 65.90 billion yen. This marked the two consecutive month of month-on-month growth. Furthermore, foreign orders showed an increase of 2.0% over the same month of the previous year for the first time in nineteen months.

By region, orders from Asia rose by 17.0% over November to 26.93 billion yen. This was an increase of 2.0% over the same month of the previous year. Orders from Europe rose by 12.9% over November to 17.90 billion yen. This was an increase of 22.7% over the same month of the previous year. Orders from North America rose by 14.8% over November, amounting to 19.97 billion yen. However this figure was a decrease of 10.2% from the same month of the previous year.

Total machine tool orders for 2016 totaled 1,250.00 billion yen, which was a decrease of 15.6% from the previous year. As a result, calendar year 2016 posted the year-on-year decline for two consecutive years. This figure topped 1,000 billion year for six consecutive years.

The total domestic orders fell by 9.5% from the previous year to 530.55 billion yen, and total foreign orders fell by 19.6% from the previous year to 719.46 billion yen. As a result, the share of foreign orders decreased to 57.6%, a decrease of 2.8% from the previous year.

Main Statistics of Metal Cutting Machine Tools

Value in Millions of Yen

Period	ORDERS								PRODUCTION				SALES		INVENTORY		EXPORTS		IMPORTS		EMPLOYEES No. of Persons	WHOLE-SALE PRICE INDEX
	Total	%	Domestic	%	Foreign	%	Sales	Order Backlog	Unites	Weight ton	Value	%	Unites	Value	Unites	Weight ton	Value	%	Value	%		
	Value		Value		Value		Value	Value														
C.Y. 1990	1,412,123	111.2	1,038,791	111.5	373,332	110.5	1,323,494	612,728	196,131	459,814	1,303,442	114.4	196,966	1,336,812	9,723	25,170	455,809	106.4	68,645	135.9	36,849	100.0
1991	1,141,209	80.8	848,219	81.7	292,990	78.5	1,257,208	489,427	172,034	428,691	1,265,587	97.1	169,496	1,288,204	15,122	31,239	411,948	90.4	58,496	85.2	37,965	101.8
1992	710,221	62.2	474,561	55.9	235,660	80.4	826,975	354,933	116,649	283,840	831,087	65.7	118,591	850,528	14,408	28,126	330,291	80.2	41,027	70.1	38,265	101.2
1993	531,783	74.9	322,570	68.0	209,213	88.8	594,359	266,959	88,930	213,731	592,727	71.3	92,321	619,656	12,252	24,718	306,094	92.7	25,230	61.5	34,512	97.7
1994	573,083	107.8	315,493	97.8	257,590	123.1	562,809	273,172	88,109	215,620	554,080	93.5	89,860	575,984	11,016	20,842	328,786	107.4	25,226	100.0	29,340	96.2
1995	775,538	135.3	407,238	129.1	368,300	143.0	716,330	330,125	100,293	278,759	699,351	126.2	101,019	710,628	10,831	19,606	478,054	145.4	41,032	162.7	28,394	100.0
1996	938,194	121.0	509,777	125.2	428,417	116.3	866,418	400,399	106,813	316,732	837,453	119.7	108,124	850,630	10,378	21,546	591,653	123.8	64,384	156.9	27,678	98.4
1997	1,130,609	120.5	635,136	124.6	495,473	115.7	1,062,001	470,117	115,149	410,045	1,017,129	121.5	116,160	1,070,158	11,125	19,657	649,395	109.8	71,443	111.0	27,487	100.1
1998	989,200	87.5	457,214	72.0	531,986	107.4	1,093,216	381,690	96,805	397,333	1,010,541	99.4	96,649	1,060,603	11,296	24,964	657,055	101.2	65,843	92.2	28,354	99.3
1999	756,616	76.5	361,922	79.2	394,694	74.2	814,406	322,337	71,710	280,409	739,461	73.2	73,659	775,298	7,215	19,025	529,222	80.5	63,711	96.8	27,793	95.8
2000	975,046	128.9	521,686	144.1	453,360	114.9	887,942	402,721	90,916	313,842	814,636	110.2	91,797	816,123	7,004	17,697	620,056	117.2	85,572	134.3	24,962	100.0
2001	788,898	80.9	411,125	78.8	377,773	83.3	874,107	313,370	74,572	300,527	776,453	95.3	74,911	781,440	6,922	18,320	558,403	90.1	69,619	81.4	23,848	100.3
2002	675,837	85.7	350,322	85.2	325,515	86.2	670,714	308,372	55,807	227,217	585,098	75.4	58,144	594,957	4,483	16,083	484,668	86.8	50,904	73.1	22,545	98.8
2003	851,101	125.9	441,587	126.1	409,514	125.8	792,356	348,947	65,673	272,171	690,205	118.0	64,013	692,463	3,851	14,687	564,105	116.4	53,163	104.4	22,130	99.2
2004	1,236,192	145.2	672,839	152.4	563,353	137.6	1,025,726	555,840	79,500	361,935	878,082	127.2	76,091	879,589	4,092	17,384	683,066	121.1	88,245	166.0	22,141	101.6
2005	1,363,203	110.3	746,709	111.0	616,494	109.4	1,275,637	644,180	92,385	453,038	1,110,257	126.4	88,719	1,125,758	5,049	23,025	815,110	119.3	107,453	121.8	22,907	100.0
2006	1,436,970	105.4	733,009	98.2	703,961	114.2	1,407,258	684,266	100,171	492,096	1,211,230	109.1	94,383	1,232,261	6,963	26,930	921,456	113.0	135,649	126.2	23,503	101.1
2007	1,589,991	110.6	726,424	99.1	863,567	122.7	1,522,632	758,815	106,282	515,268	1,303,164	107.6	98,752	1,317,226	9,662	32,006	892,032	96.8	72,601	53.5	24,624	100.6
2008	1,301,147	81.8	566,820	78.0	734,327	85.0	1,472,029	574,383	95,310	492,188	1,249,184	95.9	88,319	1,267,372	11,436	31,685	874,723	98.1	60,226	83.0	25,323	101.5
2009	411,809	31.6	159,648	28.2	252,161	34.3	596,920	382,592	28,281	180,025	486,283	38.9	29,894	514,793	9,547	22,656	321,399	36.7	28,717	47.7	24,542	100.2
2010	978,622	237.6	307,527	192.6	671,095	266.1	851,272	508,446	67,607	302,376	813,002	167.2	67,954	820,517	10,464	24,489	608,551	189.3	30,579	106.5	23,380	100.0
2011	1,326,188	135.5	421,599	137.1	904,589	134.8	1,179,316	653,138	85,483	432,693	1,149,394	141.4	87,452	1,170,069	10,437	28,720	855,195	140.5	43,442	142.1	24,348	102.5
2012	1,212,445	91.4	375,822	89.1	836,623	92.5	1,329,650	543,736	93,649	429,207	1,151,980	100.2	95,824	1,173,114	9,894	34,483	945,594	110.6	51,080	117.6	25,524	102.7
2013	1,117,049	92.1	400,803	106.6	716,246	85.6	1,094,673	566,113	56,780	320,904	886,372	76.9	62,518	911,286	7,890	31,779	766,495	81.1	63,016	123.4	24,716	101.2
2014	1,509,397	135.1	496,391	123.8	1,013,006	141.4	1,422,184	652,213	99,407	454,866	1,186,293	133.8	102,231	1,221,172	9,924	34,308	961,862	125.5	78,087	123.9	25,188	104.0
2015	1,480,592	98.1	586,240	118.1	894,352	88.3	1,532,603	607,499	102,101	489,253	1,258,087	106.1	105,147	1,310,282	11,274	38,620	932,123	96.9	91,580	117.3	25,943	106.6
2016	1,250,003	84.4	530,545	90.5	719,458	80.4	1,280,584	522,527														106.9
F.Y. 2013	1,204,852	105.7	422,029	116.3	782,823	100.8	1,149,078	529,922	61,311	344,586	936,303	87.3	65,329	958,064	7,938	27,939	771,524	86.1	72,839	144.3	24,650	101.2
2014	1,578,546	131.0	526,876	124.8	1,051,670	134.3	1,495,341	613,854	110,375	485,288	1,260,233	134.6	113,378	1,300,885	9,758	32,083	1,025,252	132.9	78,930	108.4	25,401	105.2
2015	1,398,968	88.6	579,295	109.9	819,673	77.9	1,471,868	548,277	90,082	454,195	1,185,470	94.1	94,398	1,233,482	9,762	34,758	844,962	82.4	87,710	111.1	26,099	107.1
2016 1-3	318,353	79.6	129,719	94.9	188,634	71.6	377,585	548,277	18,770	104,642	289,280	79.9	21,346	311,154	9,762	34,758	182,653	67.7	20,208	83.9	26,250	107.2
4-6	312,653	76.4	128,589	79.6	184,064	74.3	276,287	586,107	17,111	87,596	233,705	76.0	17,488	232,263	10,207	38,631	164,296	64.9	18,240	82.9	26,418	107.1
7-9	305,303	88.1	139,942	90.0	165,361	86.5	312,748	578,484	15,939	90,474	245,378	81.8	17,283	256,911	9,577	37,195	168,541	76.1	17,191	75.0	26,273	107.2
10-12	313,694	96.6	132,295	99.8	181,399	94.4	313,964	522,527														106.3
2015 8	107,038	83.5	47,731	113.8	59,307	68.8	110,177	676,364	6,691	36,494	93,061	95.4	6,928	92,904	9,896	40,540	66,459	75.7	7,833	148.1	26,007	107.5
9	109,715	80.9	47,882	97.4	61,833	71.6	146,537	641,420	6,882	40,329	104,750	84.7	7,246	112,838	9,933	38,809	69,210	70.7	7,698	122.5	25,920	106.6
10	103,080	77.1	44,485	99.1	58,595	66.0	107,223	635,509	6,206	34,909	90,156	93.7	6,155	91,969	10,338	40,648	68,818	84.6	8,180	131.4	26,185	107.2
11	114,392	82.3	45,464	92.7	68,928	76.6	119,274	630,627	6,478	35,957	95,295	97.3	6,439	99,601	10,767	40,759	55,235	73.9	8,143	133.5	26,104	107.2
12	107,178	74.3	42,565	88.4	64,613	67.2	134,772	607,499	7,377	38,269	102,976	96.4	7,239	111,085	11,274	38,620	63,383	70.5	6,235	93.1	26,080	107.6
2016 1	100,258	82.8	39,572	102.8	60,686	73.4	97,939	610,277	6,084	31,855	82,908	80.4	6,021	83,419	11,686	41,057	46,318	58.7	7,014	95.5	26,257	106.3
2	101,910	77.5	38,887	91.3	63,023	70.9	111,037	601,149	6,077	32,562	88,207	77.0	7,403	95,270	10,693	39,322	58,810	73.9	6,577	78.3	26,186	107.3
3	116,185	78.8	51,260	92.2	64,925	70.7	168,609	548,277	6,609	40,225	118,165	81.9	7,922	132,465	9,762	34,758	77,525	69.7	6,618	79.4	26,306	108.1
4	99,237	73.7	38,974	80.4	60,263	69.9	79,793	567,753	5,551	28,798	75,859	75.9	5,293	74,294	10,274	37,259	51,705	57.3	5,063	88.9	26,509	107.1
5	104,359	75.3	38,860	73.5	65,499	76.4	86,931	586,921	5,525	27,905	73,592	75.7	5,276	69,678	10,824	39,973	50,706	68.6	6,356	88.6	26,351	107.1
6	109,057	80.1	50,755	84.2	58,302	76.9	109,563	586,107	6,035	30,893	84,254	76.3	6,919	88,291	10,207	38,631	61,885	69.5	6,820	74.6	26,395	107.0
7	104,394	80.3	51,302	85.7	53,092	75.7	97,189	593,197	5,123	27,281	76,461	74.8	5,806	79,663	9,805	37,878	62,665	72.9	4,738	64.0	26,332	107.6
8	98,058	91.6	43,119	90.3	54,939	92.6	88,598	602,651	5,266	28,819	75,565	81.2	5,179	74,333	9,971	39,882	48,345	72.7	5,852	74.7	26,248	107.3
9	102,851	93.7	45,521	95.1	57,330	92.7	126,961	578,484	5,550	34,374	93,352											

NET NEW ORDERS – METAL CUTTING MACHINE TOOLS IN JAPAN

(Value: in Millions of Yen)

Industry \ Period		Total 2015	15/14 (%)	16/07-16/09	16/10-16/12	Previous Quarter (%)	year-to-year (%)	16/01-16/12	year-to-year (%)	Dec. '16	Dec. 16/Nov 16 (%)	Dec. 16/Dec. 15 (%)
1. Primary Metals		18,528	159.9	4,286	4,823	112.5	87.9	18,154	98.0	1,385	89.5	142.3
2. Fabricated Metal Products		28,562	122.7	8,010	4,890	61.0	78.5	22,804	79.8	1,716	94.5	71.2
Machinery & Equipment Industries	3. Industrial Machinery	221,825	110.9	57,250	48,886	85.4	104.9	207,113	93.4	17,315	104.2	115.4
	(of which construction machinery)	5,833	130.9	1,071	1,185	110.6	89.2	5,433	93.1	491	100.4	481.4
	(of which dies and molds)	32,198	121.1	7,813	6,825	87.4	101.9	30,778	95.6	2,725	130.1	139.5
	4. Motor Vehicles	203,918	121.6	42,858	48,444	113.0	104.4	174,853	85.7	16,088	96.6	106.7
	(of which auto parts)	143,739	122.4	28,637	30,791	107.5	96.8	115,986	80.7	10,731	99.9	100.6
	5. Electrical Machinery	26,942	98.3	6,523	7,656	117.4	141.9	26,282	97.6	3,386	156.5	189.4
	6. Precision Machinery	21,125	123.2	5,132	5,008	97.6	94.9	19,600	92.8	1,943	116.0	109.3
	5-6. Electrical & Precision Machinery (Sub Total)	48,067	107.9	11,655	12,664	108.7	118.7	45,882	95.5	5,329	138.8	149.5
	7. Aircraft, Shipbuilding & Transport equipment	31,150	151.5	7,962	5,253	66.0	73.3	30,076	96.6	1,348	62.9	59.6
	(of which aircraft)	16,272	304.1	4,328	2,436	56.3	52.3	16,412	100.9	642	91.1	47.7
3-7. Sub total		504,960	116.7	119,725	115,247	96.3	104.0	457,924	90.7	40,080	102.1	111.6
8. Other Machinery & Equipment		14,487	111.3	3,154	2,445	77.5	75.1	12,292	84.8	916	133.1	102.0
9. Government, Public Agencies & Schools		3,388	82.4	719	1,417	197.1	79.4	2,762	81.5	735	208.8	137.9
10. Others		9,718	151.8	2,724	2,076	76.2	74.3	9,524	98.0	698	91.2	80.8
11. Trading Companies		6,597	125.0	1,324	1,397	105.5	66.1	7,085	107.4	446	81.5	45.7
1-11. Domestic Total		586,240	118.1	139,942	132,295	94.5	99.8	530,545	90.5	45,976	102.3	108.0
12. Foreign		894,352	88.3	165,361	181,399	109.7	94.4	719,458	80.4	65,903	104.7	102.0
1-12. Grand Total		1,480,592	98.1	305,303	313,694	102.7	96.6	1,250,003	84.4	111,879	103.7	104.4
(of which: NC machines)		1,450,004	98.4	298,899	305,846	102.3	96.5	1,224,657	84.5	107,467	101.4	103.1
Sales		1,532,603	107.8	312,748	313,964	100.4	86.9	1,280,584	83.6	115,010	107.3	85.3
(of which: NC machines)		1,503,064	108.3	307,298	308,750	100.5	87.3	1,254,652	83.5	113,171	107.4	86.0
Order Backlog		607,499	93.1	578,484	522,527	90.3	86.0	522,527	86.0	522,527	89.8	86.0
(of which: NC machines)		578,962	92.7	552,820	505,184	91.4	87.3	505,184	87.3	505,184	90.8	87.3

NET NEW ORDERS BY DESTINATION

(Value in Millions of yen)

2016		Jan.		Feb.		Mar.		Apr.		May		Jun.		July		Aug.		Sep.		Oct.		Nov.		Dec.		Total	
			%		%		%		%		%		%		%		%		%		%		%		%	2016	%
East Asia	Korea	3,629	100.6	2,712	76.6	3,444	84.5	2,882	74.9	3,238	87.4	3,172	76.6	2,277	68.7	2,926	86.8	2,799	85.1	2,483	79.2	2,356	65.7	3,459	107.6	35,377	82.6
	Taiwan	1,831	63.4	1,829	71.6	1,976	58.6	1,876	62.8	1,165	51.5	1,492	54.8	1,582	73.9	1,926	133.2	1,552	68.1	1,596	85.8	1,297	83.8	2,217	103.5	20,339	72.1
	China	14,439	80.5	15,263	67.6	13,550	47.1	12,963	43.1	16,655	47.6	15,679	68.0	11,443	60.3	10,637	71.2	11,364	69.7	10,051	81.6	15,414	81.4	15,329	94.1	162,787	63.8
	Other	0	-	0	-	21	8.5	39	19.0	1	6.3	0	-	120	222.2	0	-	0	-	2	8.7	77	-	3	13.0	263	43.8
	East Asia Total	19,899	81.4	19,804	69.1	18,991	52.1	17,760	47.8	21,059	51.4	20,343	68.0	15,422	63.0	15,489	78.3	15,715	71.9	14,132	81.5	19,144	79.6	21,008	96.9	218,766	66.9
Other Asia	Thailand	894	58.3	1,379	57.0	1,958	83.2	1,620	67.4	1,515	68.2	1,813	129.9	1,415	73.6	2,464	201.1	2,725	131.1	1,245	112.4	942	65.3	2,392	241.6	20,362	96.5
	Malaysia	318	23.9	323	57.0	228	68.5	350	159.1	472	96.7	423	45.0	183	43.4	641	61.9	310	113.6	126	57.3	389	120.4	108	117.4	3,871	62.0
	Singapore	145	102.8	228	60.5	232	34.0	304	89.9	391	416.0	313	132.1	152	50.5	784	404.1	571	117.5	627	310.4	342	363.8	246	341.7	4,335	134.7
	Philippine	99	33.7	260	47.1	201	61.8	116	32.7	265	161.6	309	110.4	522	352.7	319	332.3	196	120.2	346	181.2	140	126.1	315	161.5	3,088	107.4
	Indonesia	930	79.1	379	94.5	754	136.3	581	103.2	624	82.3	685	69.5	692	116.9	595	90.6	572	117.9	471	111.9	367	129.2	839	180.4	7,489	102.0
	Vietnam	726	4.2	545	3.2	1,085	14.0	433	7.4	355	67.6	670	133.5	649	130.1	656	156.2	893	188.0	533	166.6	721	87.7	607	113.5	7,873	15.1
	India	1,957	122.1	2,510	140.4	1,865	83.6	1,711	98.8	1,776	85.1	1,014	84.8	2,014	102.9	2,625	86.0	1,778	66.4	1,144	80.3	961	61.5	1,390	59.2	20,745	87.7
	Other	34	680.0	94	552.9	52	-	81	337.5	25	138.9	0	-	66	275.0	10	23.8	16	25.8	2	66.7	4	12.9	20	105.3	404	143.8
	Other Asia Total	5,103	21.9	5,718	24.8	6,375	44.7	5,196	45.2	5,423	85.4	5,227	93.8	5,693	97.1	8,094	120.4	7,061	105.4	4,494	115.6	3,866	82.8	5,917	125.4	68,167	58.4
	Sub Total	25,002	52.3	25,522	49.3	25,366	50.0	22,956	47.2	26,482	55.9	25,570	72.1	21,115	69.6	23,583	89.0	22,776	79.7	18,626	87.8	23,010	80.1	26,925	102.0	286,933	64.7
Europe	Germany	4,107	137.7	3,843	82.2	3,764	79.1	4,726	93.9	4,492	90.9	3,415	90.6	3,252	66.9	2,753	65.9	4,554	117.3	2,920	88.4	4,618	126.9	3,456	95.5	45,900	92.5
	U.K.	1,596	83.6	2,392	115.1	1,789	89.3	2,664	140.1	1,556	89.4	1,639	87.2	2,481	108.1	1,453	77.1	1,664	74.1	1,929	115.4	1,243	87.4	1,769	133.2	22,175	99.2
	Italy	2,256	119.4	1,838	90.3	2,413	118.5	1,534	78.3	2,158	136.2	2,118	103.3	1,948	122.7	1,340	100.0	1,709	134.1	2,049	86.7	1,750	108.4	2,123	140.3	23,236	109.3
	France	823	74.3	1,727	66.0	2,048	87.9	1,771	103.0	1,325	114.6	1,179	38.6	1,397	56.7	1,212	97.8	887	70.3	1,719	108.2	2,305	92.8	2,729	157.2	19,122	84.0
	Central Europe	1,200	95.2	2,280	131.7	1,453	132.3	954	68.6	2,118	173.6	1,664	98.9	1,460	86.4	1,086	141.8	1,150	83.1	1,234	94.3	1,308	96.3	2,756	260.0	18,663	117.0
	Other	2,163	120.2	1,991	109.5	2,590	156.1	2,260	175.2	2,422	195.3	2,618	147.7	2,084	104.2	1,897	129.7	2,025	98.5	2,025	63.5	2,645	116.5	2,565	101.5	27,285	118.2
	Sub Total	12,145	110.9	14,071	94.1	14,057	101.3	13,909	104.6	14,071	118.4	12,633	88.9	12,622	84.7	9,741	89.6	11,989	99.1	11,876	88.5	13,869	108.4	15,398	130.7	156,381	100.9
	Other West Europe	1,452	78.6	1,214	78.2	1,431	113.7	1,083	78.7	1,222	126.0	938	73.9	1,407	91.0	1,001	52.6	882	80.5	1,087	91.2	1,081	118.0	1,265	111.3	14,063	87.5
	Turkey	541	44.1	349	41.6	1,092	134.8	700	78.7	638	153.7	427	68.5	915	83.3	607	73.4	173	39.2	427	67.7	476	150.2	431	72.1	6,776	77.8
	Switzerland	593	111.3	599	106.4	304	81.3	333	78.2	574	120.1	461	81.2	397	106.7	394	37.5	586	153.4	560	128.7	575	121.6	439	93.8	5,815	95.0
East Europe	107	150.7	15	20.0	69	53.1	73	56.6	10	2.4	3	3.4	79	329.2	11	55.0	81	109.5	89	38.0	584	2336.0	49	25.8	1,170	78.7	
Russia - Other	461	69.4	1,485	360.4	351	42.7	795	116.7	626	74.9	501	71.0	306	30.4	1,445	302.3	203	51.4	148	28.2	316	72.0	1,186	80.0	7,823	92.6	
Sub Total	14,165	104.7	16,785	98.8	15,908	98.9	15,860	102.5	15,929	112.9	14,075	86.5	14,414	82.5	12,198	91.9	13,155	96.3	13,200	85.8	15,850	111.9	17,898	122.7	179,437	99.1	
North America	U.S.A.	16,563	95.7	17,531	98.2	20,022	96.1	16,970	93.3	17,139	85.2	15,282	75.7	13,429	74.5	16,234	95.3	18,378	111.6	18,141	94.9	15,362	68.6	17,646	90.0	202,697	89.2
	Canada	770	79.0	1,061	93.2	1,166	109.7	808	55.5	534	45.0	648	66.5	751	41.5	593	91.9	1,273	180.6	529	49.1	1,187	87.0	835	73.8	10,155	75.1
	Mexico	3,176	139.6	1,416	215.5	1,740	108.3	3,103	236.0	4,630	268.1	1,828	172.1	2,201	133.5	1,589	160.3	1,157	123.5	1,225	138.1	845	90.1	1,485	98.5	24,395	156.9
	Sub Total	20,509	99.8	20,008	101.9	22,928	97.6	20,881	99.7	22,303	96.8	17,758	79.9	16,381	76.3	18,416	98.7	20,808	114.9	19,895	94.3	17,394	70.4	19,966	89.8	237,247	92.6
South & Central America	Brazil	188	276.5	79	38.0	126	34.2	47	13.2	219	66.8	221	38.0	228	172.7	201	160.8	214	39.9	186	167.6	5,756	1354.4	558	160.8	8,023	223.7
	Other	93	24.0	72	189.5	22	3.8	69	123.2	96	52.7	67	11.2	9	5.2	39	23.5	61	31.9	59	51.8	186	641.4	93	91.2	866	33.1
	Sub Total	281	61.6	151	61.4	148	15.6	116	28.1	315	61.8	288	24.5	237	78.0	240	82.5	275	37.8	245	108.9	5,942	1308.8	651	145.0	8,889	143.3
Oceania	Australia	259	171.5	300	176.5	331	271.3	270	148.4	256	47.4	452	152.7	753	312.4	179	71.0	149	45.2	281	63.0	249	91.2	249	44.9	3,728	104.8
	Other	35	-	108	981.8	19	63.3	0	-	8	24.2	8	-	29	39.7	22	44.9	2	-	1	2.3	72	97.3	23	328.6	327	98.5
Sub Total	294	197.3	408	225.4	350	230.3	270	135.7	264	46.1	460	156.5	782	249.0	201	66.8	151	45.9	282	57.7	321	92.5	272	48.4	4,055	104.2	
Middle East	361	269.4	110	119.6	74	48.4	198	70.7	145	188.3	159	65.4	158	121.5	248	98.0	103	34.4	176	113.5	443	90.0	204	66.0	2,379	90.9	
Africa	74	1850.0	39	-	151	71.2	-18	-	61	145.2	14	9.6	5	9.6	53	151.4	62	47.7	105	269.2	7	16.3	-13	-	518	57.4	
Grand Total	60,686	73.4	63,023	70.9	64,925	70.7	60,263	69.9	65,499	76.4	58,302	76.9	53,092	75.7	54,939	92.6	57,330	92.7	52,529	89.6	62,967	91.4	65,903	102.0	719,458	80.4	
Of which NC	61,547	74.9	61,961	70.7	64,272	70.9	59,804	70.1	65,046	76.5	57,477	76.8	51,837	74.7	53,297	90.8	56,752	92.8	52,014	89.9	62,436	91.8	65,293	102.3	711,736	80.5	

(Note) It will be described as "-", if the actual value is "negative" or "0" or no actual value.

Japan Machine Tool Builders' Association