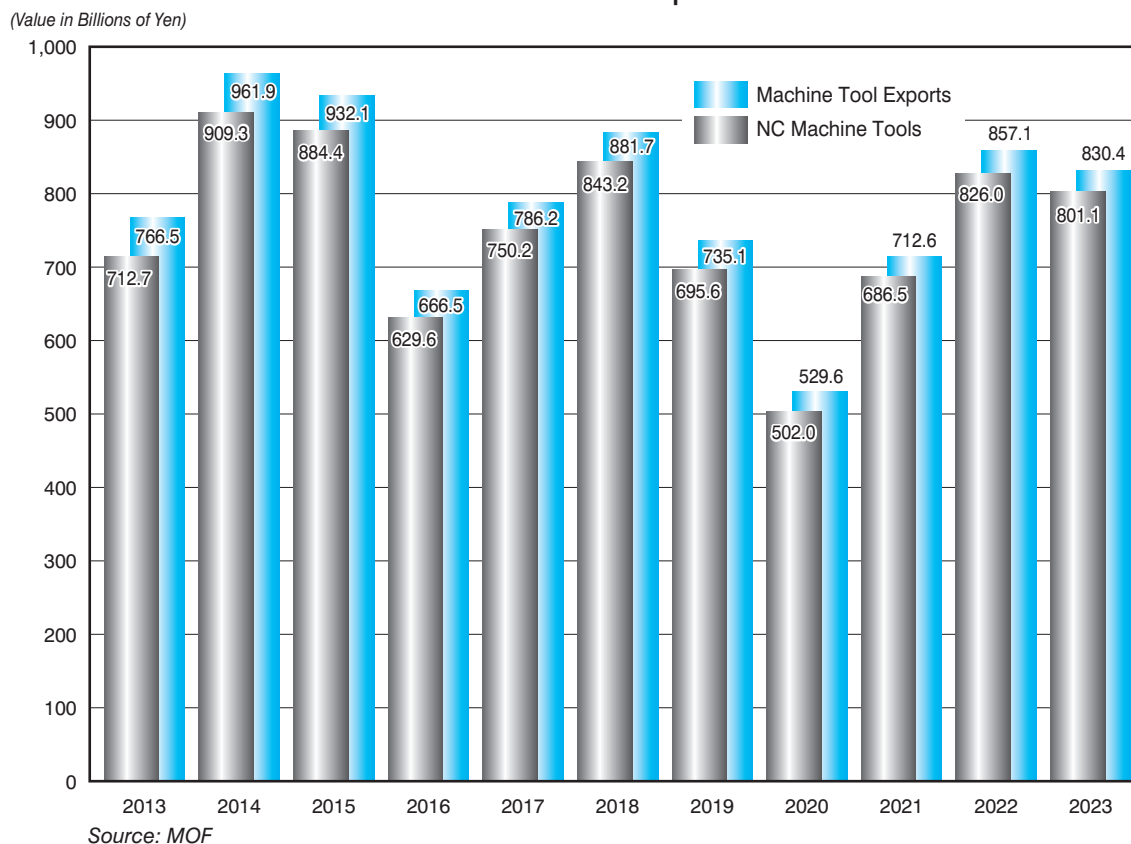


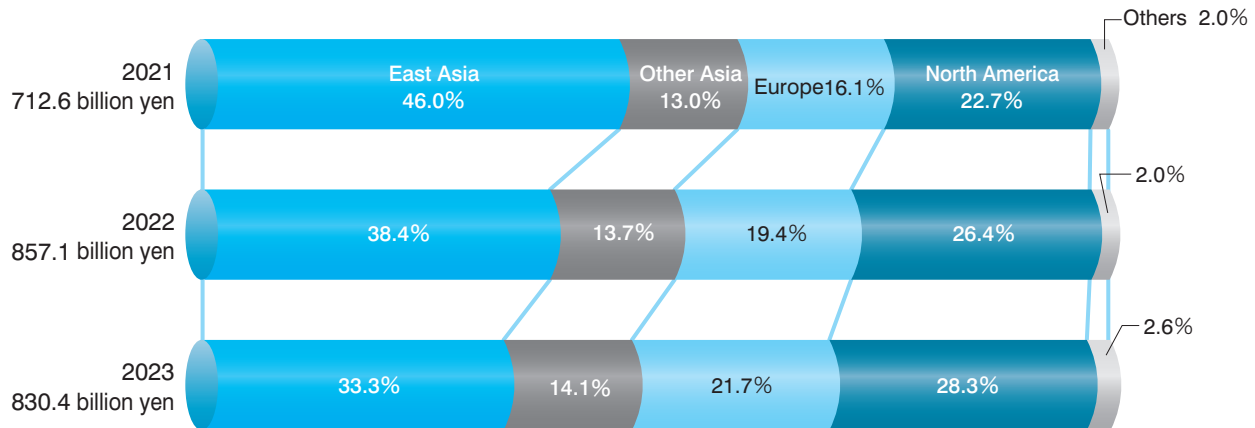
## Trends in Exports of Machine Tools

### Machine Tool Exports



- According to the Ministry of Finance's Trade Statistics, the value of machine tools exports in 2023 declined by 3.1% year-on-year to 830.4 billion yen, the first decrease in three years, but still exceed 800 billion yen for the second consecutive year. Of this, NC machine tools declined by 3.0% year-on-year to 801.1 billion yen, and their share of the total export value was 96.5%, up 0.1 points year-on-year, setting a new record high for the third consecutive year.
- Looking at export values by major region, North America increased 3.7% year-on-year to 235.1 billion yen, and Europe increased 8.3% to 180 billion yen, both of which increased for the third consecutive year. Meanwhile, Asia (393.9 billion yen) saw only a decrease in growth of 11.8% year-on-year, affected by China's slowdown.
- By country, the United States (206.7 billion yen) overtook China (204.2 billion yen) to take the top spot for the first time in four years. Following in third place were India (41.2 billion yen), Germany (37.5 billion yen), and Taiwan (33.9 billion yen). India rose to third place for the first time in four years, while Taiwan, which was third last year, dropped to fifth place.
- By type of machine, the top three were machining centers (350.9 billion yen, down 3.4% from the previous year), NC lathes (223.9 billion yen, up 5.2%), and physico-chemical process machines (147.3 billion yen, down 11.7%), with these top three machines accounting for 87.0% of the total export value.
- The apparent export ratio (export value/production value x 100 (%)) is 79.0%, which exceeded the ratio of orders to foreign demand (67.9%). This is thought to be because the Ministry of Economy, Trade and Industry's Production Statistics Survey (production) covers business establishments with 50 or more employees, and the Ministry of Finance's trade statistics (exports) include not only new machine tools but also used machine tools.

## Trends in the Composition of Exports by Region



Source: MOF

## Machine Tool Exports by Type of Machine

(Value in Millions of Yen)

Type of Machine	Year	2021		2022		2023			
		Units	Value	Units	Value	Units	Value	'23/22 (%)	Share (%)
Physico-Chemical Process Machines		16,987	145,196	16,031	166,797	14,953	147,331	88.3	17.7
NC Physico-Chemical Process Machines		16,182	141,127	15,140	161,776	14,117	142,234	87.9	17.1
Machining Centers		30,519	314,552	27,703	363,194	20,649	350,900	96.6	42.3
Vertical		25,987	183,701	22,277	184,434	15,828	169,322	91.8	20.4
Horizontal		4,227	116,511	5,076	159,092	4,437	154,164	96.9	18.6
Other Machining Centers		305	14,340	350	19,667	384	27,414	139.4	3.3
Special-Purpose Machines		21	1,223	17	902	26	1,029	114.1	0.1
NC Special-Purpose Machines		2	82	2	19	5	26	134.1	0.0
Turning Machines		12,911	154,009	15,406	214,620	13,616	224,873	104.8	27.1
NC Turning Machines		10,543	152,574	12,559	212,785	11,507	223,898	105.2	27.0
Unit		85	328	53	20	52	27	132.1	0.0
Drilling Machines		4,128	2,812	3,625	2,717	3,592	2,079	76.5	0.3
NC Drilling Machines		236	2,113	126	1,867	135	1,481	79.3	0.2
Boring & Milling Machines		103	2,599	102	2,487	100	3,423	137.6	0.4
NC Boring & Milling Machines		80	2,498	85	2,393	82	3,405	142.3	0.4
Boring Machines		146	2,633	112	1,394	95	1,947	139.6	0.2
NC Boring Machines		100	2,554	74	1,312	70	1,770	134.9	0.2
Milling Machines		1,232	4,731	1,498	7,714	1,056	5,106	66.2	0.6
NC Milling Machines		284	4,389	431	7,350	240	4,796	65.3	0.6
Threading or Tapping Machines		1,868	694	1,875	728	1,939	1,353	185.7	0.2
NC Threading or Tapping Machines		105	253	99	315	77	563	178.5	0.1
Grinding or Finishing Machines		7,052	59,415	8,968	66,867	5,679	61,259	91.6	7.4
NC Grinding or Finishing Machines		2,034	52,976	2,197	58,019	2,008	54,491	93.9	6.6
Other Machine Tools		5,988	24,421	5,682	29,632	4,878	31,062	104.8	3.7
NC Other Machine Tools		488	13,376	524	16,941	553	17,492	103.2	2.1
Total		81,040	712,613	81,072	857,072	66,635	830,389	96.9	100.0
NCTotal		60,573	686,494	58,940	825,974	49,443	801,055	97.0	96.5

Source: MOF

Note: Year-on-year (%) and Share (%) are based on value