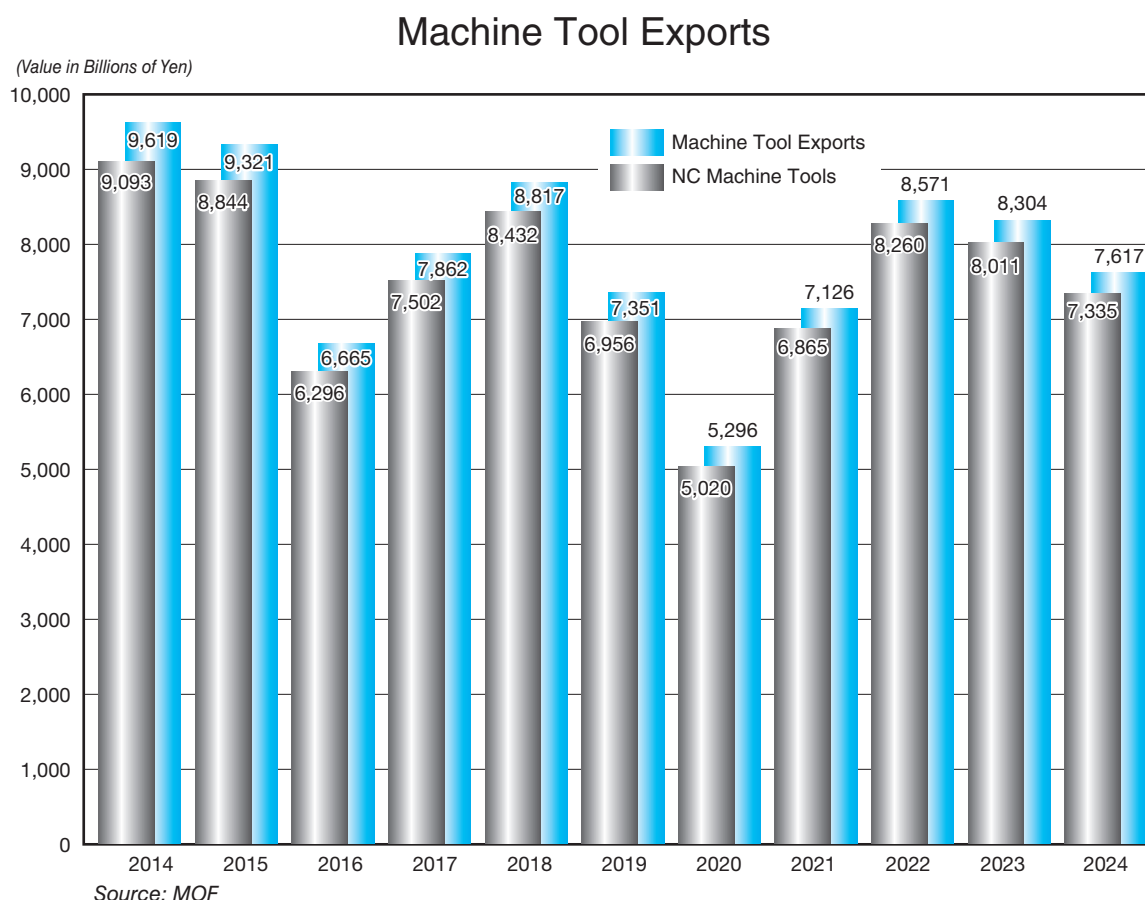
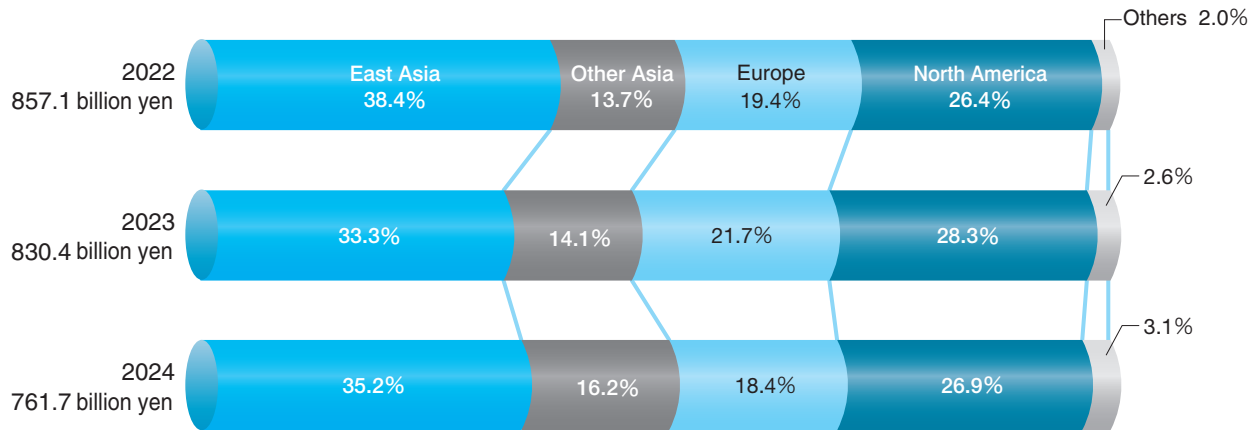


Trends in Exports of Machine Tools



- According to the Ministry of Finance's Trade Statistics, exports of machine tools in 2024 declined by 8.3% from the previous year to 761.7 billion yen, marking the second consecutive year of decline and falling below 800 billion yen for the first time in three years. Of this, NC machine tools were down 8.4% year-on-year to 733.5 billion yen, and their share of the total export value was 96.3%, down 0.2% year-on-year, accounting for most exports.
- Looking at export values by major region, North America declined by 12.7% from the previous year to 205.2 billion yen, and Europe declined by 22.0% from the previous year to 140.5 billion yen, both figures were down for the first time in four years. On the other hand, Asia (392.2 billion yen) saw a slight decrease of 0.4% compared to the previous year, marking a decrease for the second consecutive year.
- By country, China (205.3 billion yen) overtook the United States (178.4 billion yen) to take the top spot for the first time in two years, followed by India (46.6 billion yen), South Korea (30.7 billion yen), and Thailand (28.6 billion yen). Germany (26.1 billion yen), which was at the top last year, saw a 30.4% decrease compared to the previous year, and Chinese Taipei (25.4 billion yen) saw a large decrease of 25.0% compared to the previous year.
- By type of machine, the top three were machining centers (319.1 billion yen, down 9.1% from the previous year), NC lathes (200.6 billion yen, down 10.4% from the previous year), and special processing machines (130.1 billion yen, down 11.7% from the previous year), with these top three machines accounting for 85.3% of the total export value.
- The apparent export ratio (export value/production value x 100 (%)) is 84.5%, which exceeded the ratio of orders to foreign demand (70.3%). 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	2022		2023		2024			
	Units	Value	Units	Value	Units	Value	'24/'23 (%)	Share (%)
Physico-Chemical Process Machines	16,031	166,797	14,953	147,331	15,296	130,073	88.3	17.1
NC Physico-Chemical Process Machines	15,140	161,776	14,117	142,234	14,315	123,795	87.0	16.3
Machining Centers	27,703	363,194	20,649	350,900	19,675	319,059	90.9	41.9
Vertical	22,277	184,434	15,828	169,322	16,129	165,176	97.5	21.7
Horizontal	5,076	159,092	4,437	154,164	3,161	122,303	79.3	16.1
Other Machining Centers	350	19,667	384	27,414	385	31,681	115.6	4.2
Special-Purpose Machines	17	902	26	1,029	27	1,884	183.0	0.2
NC Special-Purpose Machines	2	19	5	26	0	0	—	0.0
Turning Machines	15,406	214,620	13,616	224,873	10,593	201,281	89.5	26.4
NC Turning Machines	12,559	212,785	11,507	223,898	8,912	200,558	89.6	26.3
Unit	53	20	52	27	58	27	99.6	0.0
Drilling Machines	3,625	2,717	3,592	2,079	3,859	2,477	119.2	0.3
NC Drilling Machines	126	1,867	135	1,481	119	1,276	86.1	0.2
Boring & Milling Machiness	102	2,487	100	3,423	65	2,362	69.0	0.3
NC Boring & Milling Machiness	85	2,393	82	3,405	51	2,322	68.2	0.3
Boring Machines	112	1,394	95	1,947	95	2,335	120.0	0.3
NC Boring Machines	74	1,312	70	1,770	70	2,047	115.7	0.3
Milling Machines	1,498	7,714	1,056	5,106	910	6,558	128.4	0.9
NC Milling Machines	431	7,350	240	4,796	202	5,636	117.5	0.7
Threading or Tapping Machines	1,875	728	1,939	1,353	2,104	629	46.5	0.1
NC Threading or Tapping Machines	99	315	77	563	42	261	46.3	0.0
Grinding or Finishing Machines	8,968	66,867	5,679	61,259	5,588	66,512	108.6	8.7
NC Grinding or Finishing Machines	2,197	58,019	2,008	54,491	1,869	59,769	109.7	7.8
Other Machine Tools	5,682	29,632	4,878	31,062	4,585	28,541	91.9	3.7
NC Other Machine Tools	524	16,941	553	17,492	540	18,731	107.1	2.5
Total	81,072	857,072	66,635	830,389	62,855	761,738	91.7	100.0
NCTotal	58,940	825,974	49,443	801,055	45,795	733,454	91.6	96.3

Source: MOF

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