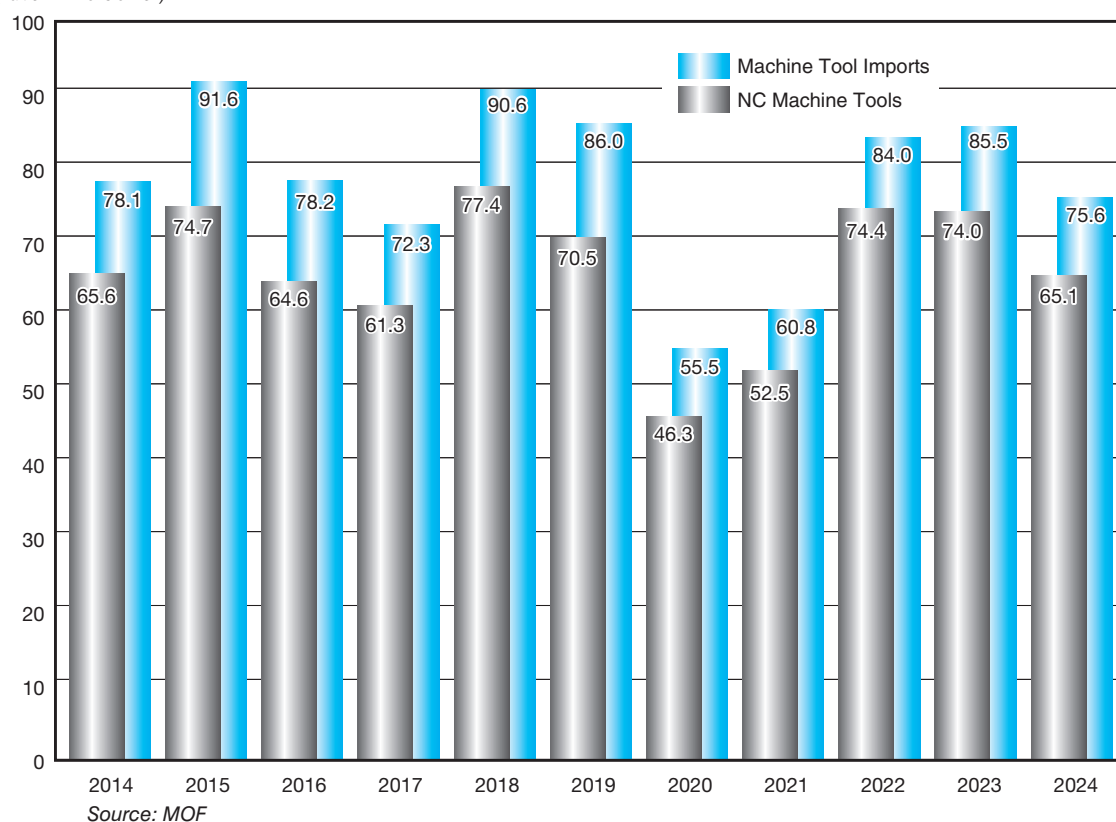


Trends in Imports of Machine Tools

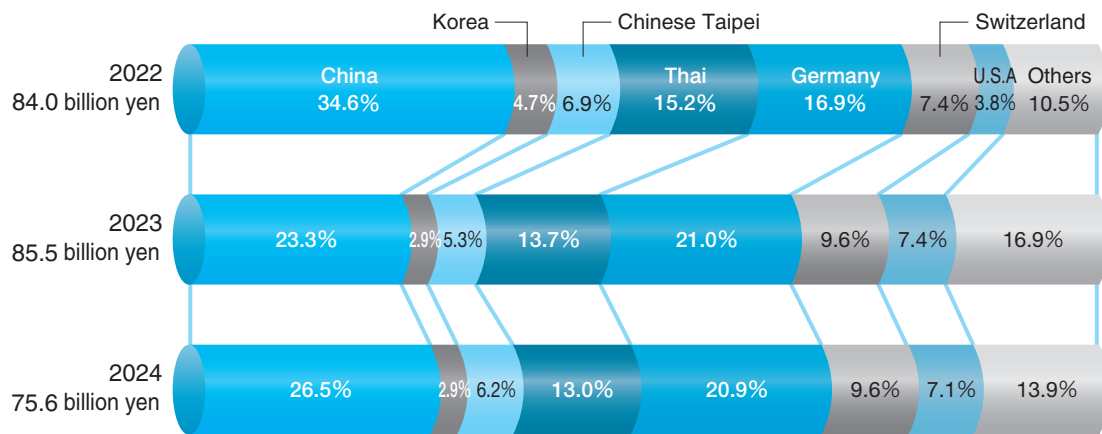
Machine Tool Imports

(Value in Billions of Yen)



- The value of machine tool imports in 2024 decreased 11.5% from the previous year to 75.6 billion yen, marking the first decrease in four years and the first time it has fallen below 80 billion yen in three years. In addition to sluggish demand in the Japanese market itself, the yen's significant depreciation against various currencies in the first half of 2024 is also believed to have contributed to the decline in imports. Of this, NC machine tools were down 11.9% from the previous year to 65.1 billion yen, and the proportion of NC machine tools in total imports (NC ratio) was 86.2%, declining for the second consecutive years.
- Looking at import value by country, China was up 0.6% from the previous year to 20.0 billion yen, maintained its lead for the fourth consecutive year. In second place were Germany (15.8 billion yen, down 11.7%), Thailand (9.8 billion yen, down 16.4%), Switzerland (7.2 billion yen, down 11.6%), and U.S.A. (5.4 billion yen, down 14.5%), with these top five countries accounting for a combined 77.0% of total import amounts.
- Imports from Europe were mostly high-end machines and special processing machines with enhanced precision and functionality in anticipation of specific processing needs, while imports from Asia are presumably made up of "re-imports" of cost-effective models manufactured by overseas subsidiaries of Japanese machine tool manufacturers.
- The breakdown of import amounts by type is 28.0% for lathes, 26.8% for special processing machines (laser processing machines, EDM machines, etc.), 19.8% for grinding machines and finishing machines, and 15.1% for machining centers, with these four types accounting for 89.7% of the total import amount.
- Looking at the NC ratio by model, not only are machining centers (100%) but lathes and special processing machines also exceed 90%, while grinding machines and finishing machines are at 71.5% and drilling machines at 42.9%, with the ratios differing depending on the model.

Trends in the Composition of Imports by Region



Source: MOF

Machine Tool Imports 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		18,261	22,598	15,711	23,213	18,866	20,233	87.4	26.8
NC Physico-Chemical Process Machines		13,250	21,627	11,787	21,507	15,908	18,663	87.0	24.7
Machining Centers		464	11,508	312	12,437	265	11,416	91.8	15.1
Special-Purpose Machines		32	641	252	1,215	16	773	63.6	1.0
Turning Machines		7,993	31,900	5,558	21,990	5,058	21,187	96.3	28.0
NC Turning Machines		5,399	31,418	3,404	21,543	2,936	20,641	95.8	27.3
Unit		1	2	28	16	3	39	245.3	0.1
Drilling Machines		8,220	631	4,817	488	3,104	604	123.6	0.8
NC Drilling Machines		20	195	24	216	20	259	120.0	0.3
Boring & Milling Machiness		8	14	7	213	86	13	5.9	0.0
NC Boring & Milling Machiness		6	13	2	208	81	4	2.1	0.0
Boring Machines		19	39	26	93	29	86	91.6	0.1
Milling Machines		1,068	636	596	2,922	644	968	33.1	1.3
NC Milling Machines		228	468	92	2,826	181	710	25.1	0.9
Threading or Tapping Machines		59	47	74	52	145	78	150.8	0.1
Grinding or Finishing Machines		51,055	11,511	35,028	13,835	36,125	14,990	108.3	19.8
NC Grinding or Finishing Machines		585	7,343	638	9,293	675	10,718	115.3	14.2
Other Machine Tools		45,437	4,505	34,651	9,066	36,012	5,229	57.7	6.9
NC Other Machine Tools		49	1,821	76	5,876	30	2,652	45.1	3.5
Total		132,617	84,031	97,060	85,539	100,353	75,614	88.5	100.0
NC Total		20,013	74,423	16,353	73,968	20,125	65,147	88.1	86.2

Source: MOF

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