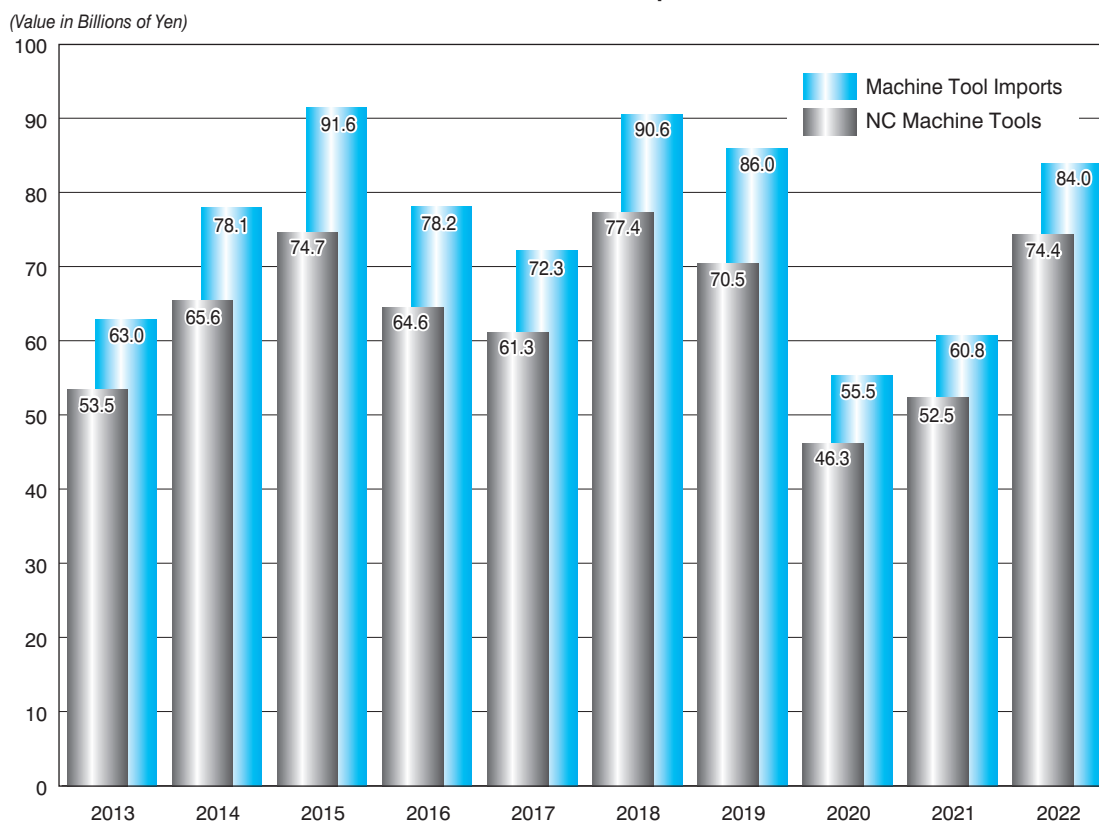


Trends in Imports of Machine Tools

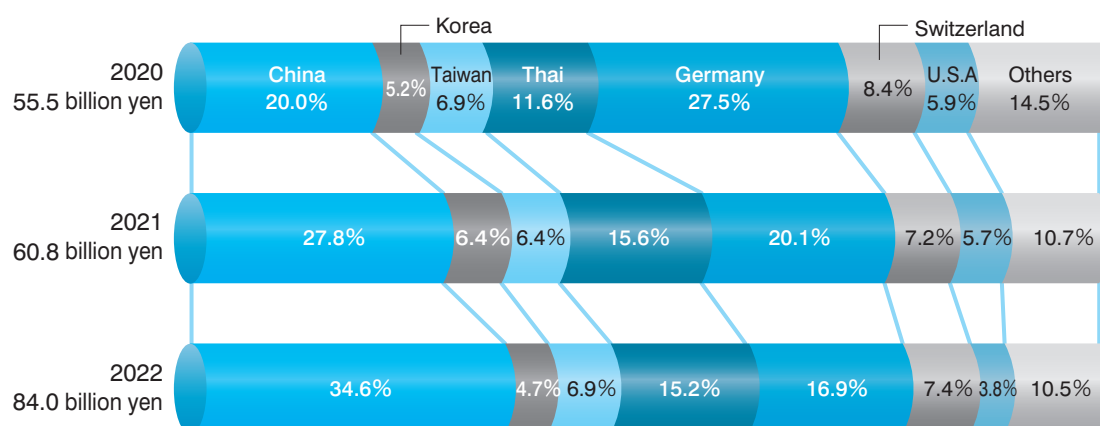
Machine Tool Imports



Source: MOF

- The import value of machine tools in 2022 increased by 38.2% YOY to 84 billion yen, increasing for the second consecutive year and surpassing 80 billion yen for the first time in three years. Of these, NC machine tools increased 41.7% YOY to 74.4 billion yen, and the ratio of NC machine tools to total imports (NC ratio) reached a record high of 88.6%.
- Looking at imports by country, China increased by 71.9% YOY to 29.1 billion yen, it increased by more than 50% for the second consecutive year, and maintained the top position for the second consecutive year. Germany (14.2 billion yen, up 16.2% YOY), Thailand (12.8 billion yen, up 34.7% YOY), Switzerland (6.2 billion yen, up 40.4% YOY), Taiwan (5.8 billion yen, up 49.9 YOY) and the total of these top five countries/regions accounted for 81.1% of the total import value.
- Following is the composition of the value of imports by category: lathes accounted for 38.0%, special purpose machines (laser beam machines and electrical discharge machines) accounted for 26.9%, grinding and finishing machines for 13.7% and machining centers for 13.7%. These four models account for 92.3% of the total import value.

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	2020		2021		2022			
		Units	Value	Units	Value	Units	Value	'22/'21 (%)	Share (%)
Physico-Chemical Process Machines		11,351	15,040	14,348	16,031	18,261	22,596	141.0	26.9
NC Physico-Chemical Process Machines		6,187	14,142	8,199	15,341	13,250	21,625	141.0	25.7
Machining Centers		384	8,775	309	6,415	464	11,508	179.4	13.7
Special-Purpose Machines		27	1,603	16	1,210	32	641	53.0	0.8
Turning Machines		4,805	12,540	6,826	21,119	7,993	31,900	151.1	38.0
NC Turning Machines		2,421	12,024	4,018	20,692	5,399	31,418	151.8	37.4
Unit		0	0	3	34	1	2	6.8	0.0
Drilling Machines		9,689	565	11,431	383	8,220	631	164.8	0.8
NC Drilling Machines		9	154	6	65	20	195	300.8	0.2
Boring & Milling Machiness		683	13	574	2	8	14	574.3	0.0
NC Boring & Milling Machiness		13	9	2	1	6	13	1,527.3	0.0
Boring Machines		16	215	26	78	19	39	49.7	0.0
Milling Machines		865	632	977	812	1,068	636	78.4	0.8
NC Milling Machines		151	514	62	623	228	468	75.1	0.6
Threading or Tapping Machines		17	42	191	115	59	47	40.8	0.1
Grinding or Finishing Machines		79,243	9,790	73,215	8,565	51,055	11,510	134.4	13.7
NC Grinding or Finishing Machines		533	7,120	463	5,514	585	7,343	133.2	8.7
Other Machine Tools		41,980	6,316	49,484	6,031	45,437	4,505	74.7	5.4
NC Other Machine Tools		49	3,350	42	3,802	49	1,821	47.9	2.2
Total		149,060	55,530	157,400	60,794	132,617	84,028	138.2	100.0
NC Total		9,758	46,297	13,122	52,516	20,013	74,421	141.7	88.6

Source: MOF

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