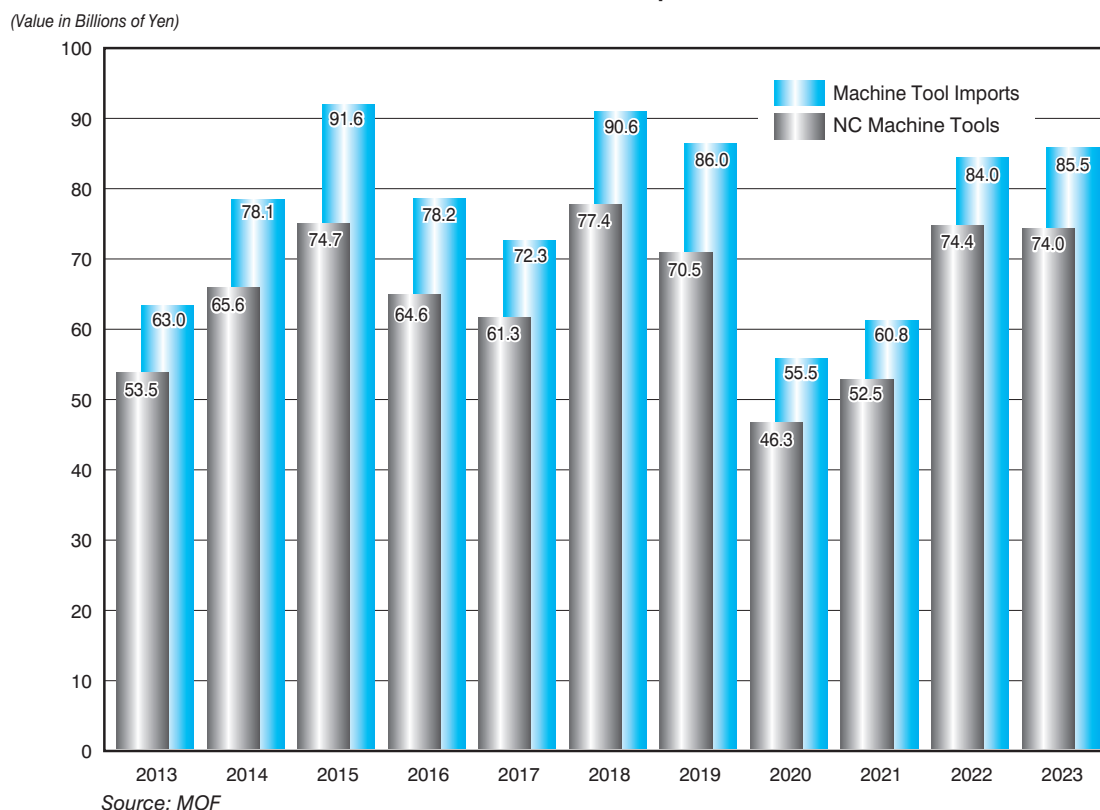


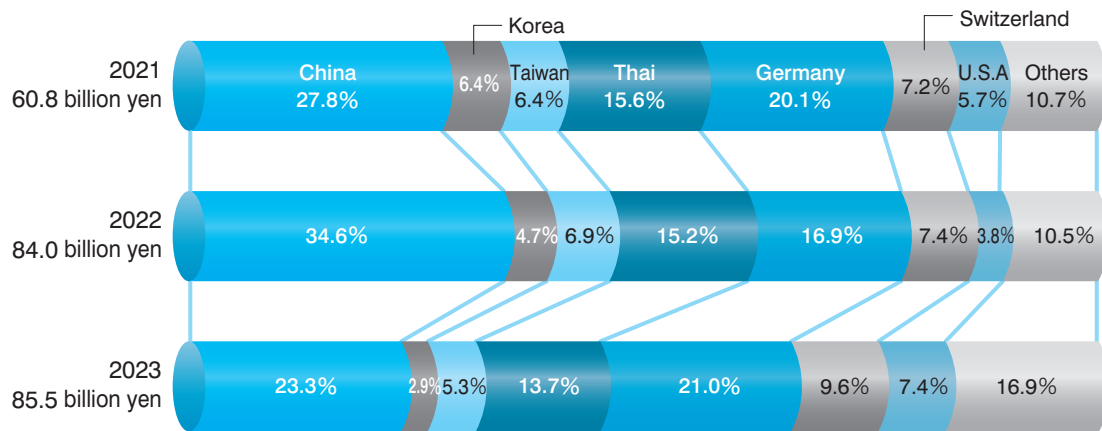
## Trends in Imports of Machine Tools

### Machine Tool Imports



- The import value of machine tools in 2023 was 85.5 billion yen, up 1.8% over the previous year. As we have seen so far, while orders, production, and exports decreased compared to the previous year, the import value has increased for three consecutive years, exceeding 80 billion yen for two consecutive years. Of this, NC machine tools were down 0.6% to 74 billion yen, and the proportion of NC machine tools in total imports (NC ratio) was 86.5%, declining for the first time in four years.
- Looking at import value by country, China was down 31.5% year-on-year to 19.9 billion yen, its first decrease in three years, but maintained its lead for the third consecutive year. In second place were Germany (17.9 billion yen, up 26.2%), Thailand (11.7 billion yen, down 8.4%), Switzerland (8.2 billion yen, up 32.2%), and Taiwan (4.5 billion yen, down 22.2%), with these top five countries and regions accounting for a combined 72.8% 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. When compared with the import amounts by country listed above, imports from Europe tend to fluctuate periodically and do not necessarily synchronize with economic trends.
- The breakdown of import amounts by type is 27.1% for special processing machines (laser processing machines, EDM machines, etc.), 25.7% for lathes, 16.2% for grinding machines and finishing machines, and 14.5% for machining centers, with these four types accounting for 83.5% of the total import amount.

## 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	2021		2022		2023			
		Units	Value	Units	Value	Units	Value	'23/'22 (%)	Share (%)
Physico-Chemical Process Machines		14,348	16,031	18,261	22,598	15,711	23,213	102.7	27.1
NC Physico-Chemical Process Machines		8,199	15,341	13,250	21,627	11,787	21,507	99.4	25.1
Machining Centers		309	6,415	464	11,508	312	12,437	108.1	14.5
Special-Purpose Machines		16	1,210	32	641	252	1,215	189.5	1.4
Turning Machines		6,826	21,119	7,993	31,900	5,558	21,990	68.9	25.7
NC Turning Machines		4,018	20,692	5,399	31,418	3,404	21,543	68.6	25.2
Unit		3	34	1	2	28	16	686.5	0.0
Drilling Machines		11,431	383	8,220	631	4,817	488	77.4	0.6
NC Drilling Machines		6	65	20	195	24	216	110.7	0.3
Boring & Milling Machiness		574	2	8	14	7	213	1562.1	0.2
NC Boring & Milling Machiness		2	1	6	13	2	208	1655.2	0.2
Boring Machines		26	78	19	39	26	93	240.4	0.1
Milling Machines		977	812	1,068	636	596	2,922	459.2	3.4
NC Milling Machines		62	623	228	468	92	2,826	604.4	3.3
Threading or Tapping Machines		191	115	59	47	74	52	110.3	0.1
Grinding or Finishing Machines		73,215	8,565	51,055	11,511	35,028	13,835	120.2	16.2
NC Grinding or Finishing Machines		463	5,514	585	7,343	638	9,293	126.6	10.9
Other Machine Tools		49,484	6,031	45,437	4,505	34,651	9,066	201.2	10.6
NC Other Machine Tools		42	3,802	49	1,821	76	5,876	322.7	6.9
Total		157,400	60,794	132,617	84,031	97,060	85,539	101.8	100.0
NC Total		13,122	52,516	20,013	74,423	16,353	73,968	99.4	86.5

Source: MOF

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