



2022

**GLOBAL MACHINE
TOOL REPORT**

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Introduction

Global Machine Tool Industry back to pre-pandemic levels

Growing by around 12% in 2022, global **Machine Tool (MT) consumption** reached almost 77,9 billion EUR, around 5,8% above pre-pandemic 2019 levels.

- ⇒ A closer look at the figures reveals that the Metal cutting MT consumption reached a level of around 55,2 billion EUR, while the Metal forming MT consumption reached a level of around 22,7 billion EUR.
- ⇒ By analysing total levels, the world's leading MT consuming markets in 2022 were China, the United States of America, Germany and Italy.

World MT production in 2022 reached the level of about 79,5 billion EUR (55,94 billion EUR in Metal cutting sector and 23,53 billion EUR in Metal forming sector). This reflects an increase in total MT production at the global level of around 12% compared to 2021, and around 7,9% higher compared to 2019.

- ⇒ Looking at sectors, the top five producing countries in the Metal cutting sector in 2022 were China (29,2%), Japan (14,0%), Germany (12,8%), the United States (7,4%) and South Korea (6,1%).
- ⇒ The top five producing countries in the Metal forming sector in 2022 were China (39,9%), Italy (13,3%), Germany (9,9%), the United States (6,2%) and Japan (5,6%).

Looking at the regional share, Europe holds about 32,7% of MT produced and about 26,9% of MT consumed in 2022. Asia remains the largest producer and consumer of machine tools with about 58,3% of MT production (China 32,4% and the rest of Asia 25,9%) and about 54,3% of MT consumption (China 33,4% and the rest of Asia 20,9%). In third place, North America's share of global MT production in 2022 was about 8,0%, while its share of MT consumption was about 15,9%.

In terms of trade flows, global **MT exports** were up about 15% in 2022. Metal forming exports increased by 11%, while metal cutting exports grew by approximately 16%. As for **MT imports**, stronger growth in imports was also recorded in the metal cutting sector (17%), while global imports in the metal forming sector increased by 7%.

- ⇒ Top five MT exporters in 2022: Japan, Germany, China, Italy and Taiwan region.
- ⇒ Top five MT importers in 2022: China, United States of America, Germany, Mexico and Italy.

Production in the **CECIMO countries** reached the level of more than 25 billion euros in 2022.

- ⇒ In terms of world share, this level is about 31,6% and it is important to note that the CECIMO countries cover about 97% of the total European MT production. On the consumption side, the CECIMO share reaches almost 24% of world MT consumption in 2022.
- ⇒ The top five CECIMO MT producers in 2022 were Germany, Italy, Switzerland, Austria, Spain and Türkiye.
- ⇒ The top five CECIMO MT consuming countries in 2022 were Germany, Italy, Türkiye, France and Switzerland.

World MT Production in 2022

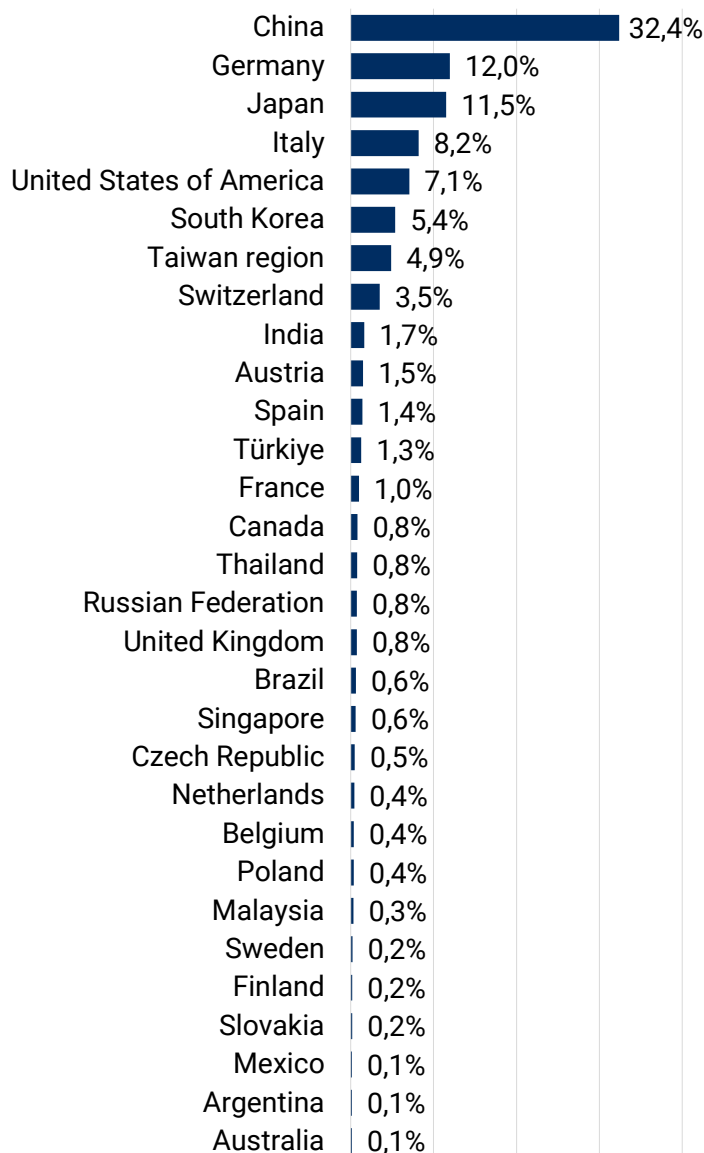
Global Machine Tool production +12% compared to 2021, reaching almost 79,5 billion EUR.



Metal Working - Top 30 Machine Tool Producers

Million EUR

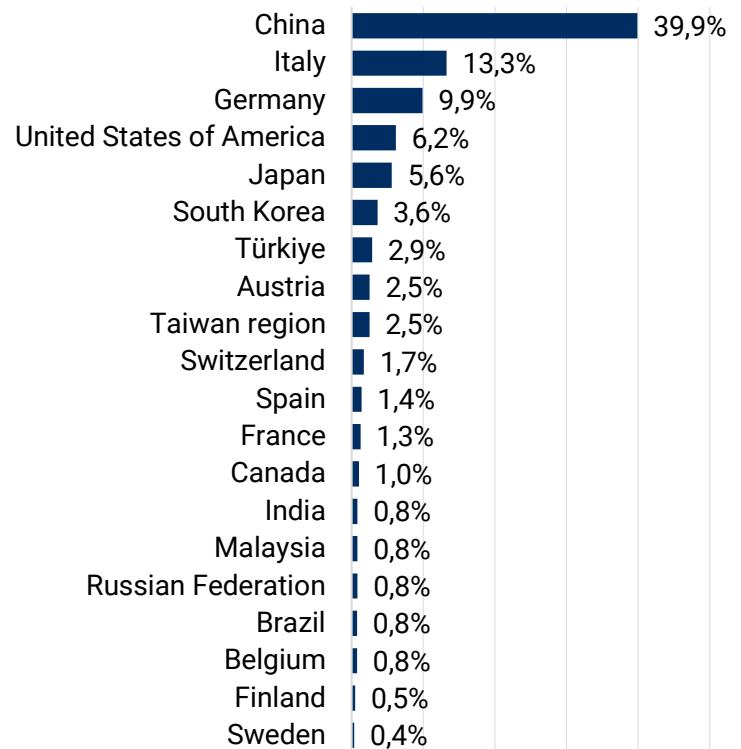
Country/Region	Production
World	79.476,8
China	25.736,0
Germany	9.505,2
Japan	9.155,6
Italy	6.518,0
United States of America	5.621,1
South Korea	4.264,0
Taiwan region	3.878,4
Switzerland	2.784,4
India	1.314,4
Austria	1.190,0
Spain	1.132,8
Türkiye	1.000,0
France	797,9
Canada	644,3
Thailand	631,1
Russian Federation	602,5
United Kingdom	601,6
Brazil	492,5
Singapore	488,6
Czech Republic	399,0
Netherlands	354,0
Belgium	314,0
Poland	299,8
Malaysia	262,2
Sweden	187,9
Finland	163,4
Slovakia	144,1
Mexico	118,1
Argentina	115,5
Australia	108,4



Metal Forming - Top 20 Machine Tool Producers

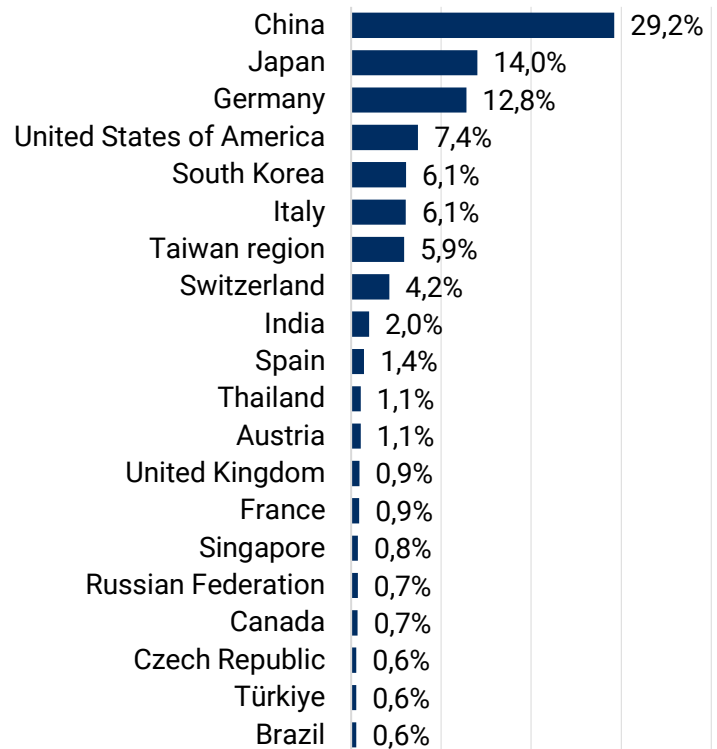
Million EUR

Country/Region	Production
World	23.533,7
China	9.382,7
Italy	3.121,0
Germany	2.334,1
United States of America	1.456,8
Japan	1.317,5
South Korea	852,8
Türkiye	682,5
Austria	596,0
Taiwan region	590,7
Switzerland	409,1
Spain	325,0
France	295,6
Canada	242,6
India	197,2
Malaysia	191,2
Russian Federation	190,3
Brazil	179,6
Belgium	179,5
Finland	117,8
Sweden	90,7

**Metal Cutting - Top 20 Machine Tool Producers**

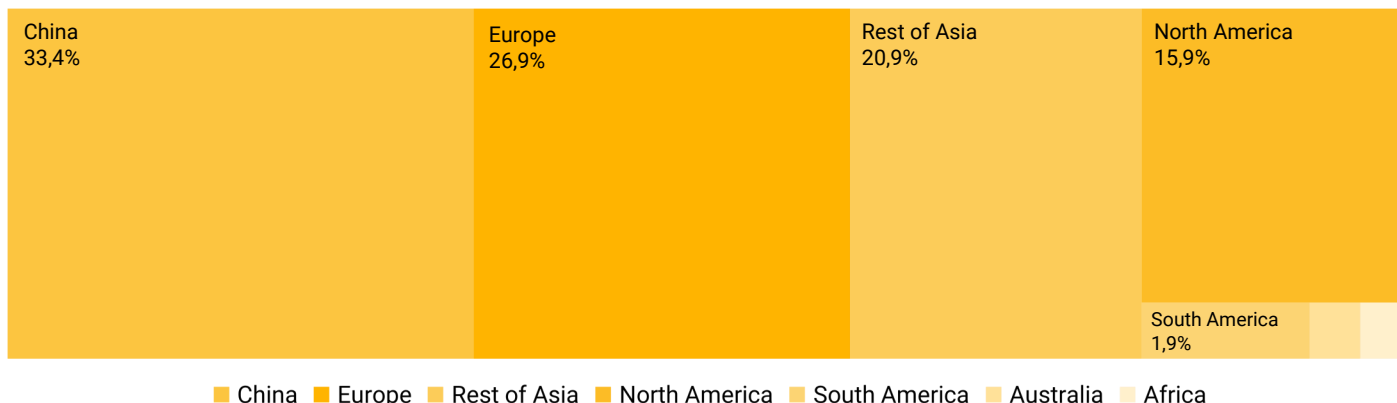
Million EUR

Country/Region	Production
World	55.943,2
China	16.353,3
Japan	7.838,1
Germany	7.171,2
United States of America	4.164,3
South Korea	3.411,2
Italy	3.397,0
Taiwan region	3.287,7
Switzerland	2.375,3
India	1.117,2
Spain	807,8
Thailand	595,0
Austria	594,0
United Kingdom	514,8
France	502,3
Singapore	423,7
Russian Federation	412,1
Canada	401,7
Czech Republic	325,8
Türkiye	317,5
Brazil	313,0



World MT Consumption in 2022

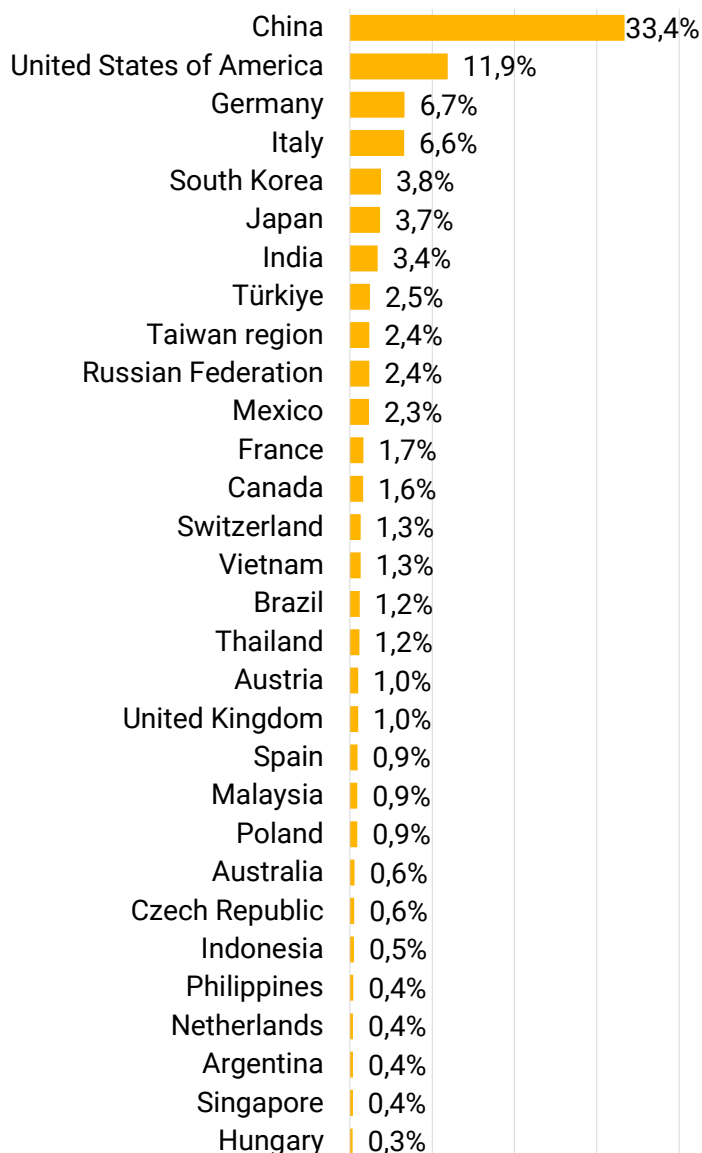
Surpassing pre-pandemic levels, Global Machine Tool Consumption reaches almost 77,9 billion EUR.



Metal Working - Top 30 Machine Tool Consumers

Million EUR

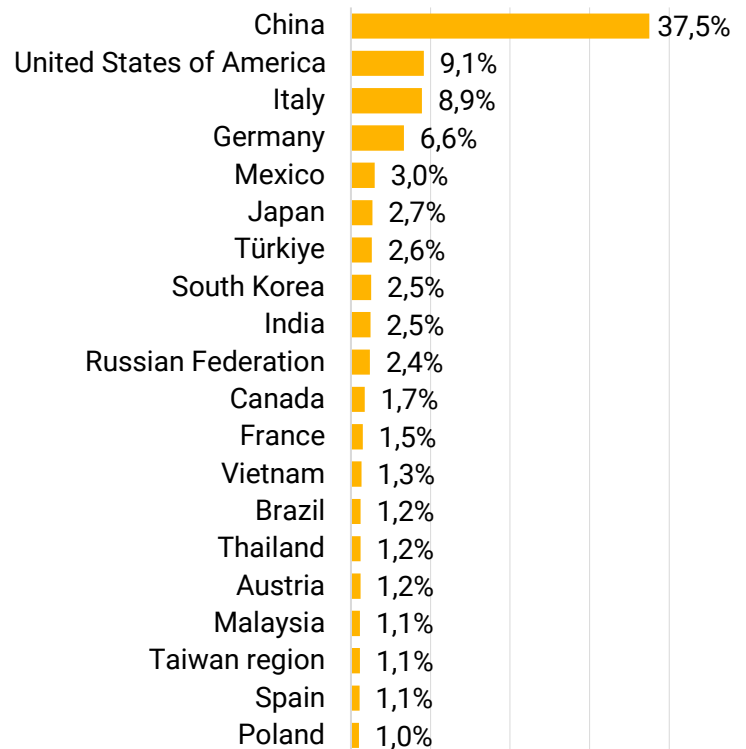
Country/Region	Consumption
World	77.880,2
China	25.995,7
United States of America	9.251,0
Germany	5.179,8
Italy	5.133,7
South Korea	2.959,6
Japan	2.855,1
India	2.650,3
Türkiye	1.916,4
Taiwan region	1.853,6
Russian Federation	1.833,7
Mexico	1.826,2
France	1.289,0
Canada	1.252,5
Switzerland	1.031,9
Vietnam	1.017,0
Brazil	939,6
Thailand	912,4
Austria	788,3
United Kingdom	785,2
Spain	728,9
Malaysia	723,6
Poland	713,5
Australia	450,8
Czech Republic	430,2
Indonesia	393,4
Philippines	331,6
Netherlands	307,4
Argentina	305,9
Singapore	287,7
Hungary	271,3



Metal Forming - Top 20 Machine Tool Consumers

Million EUR

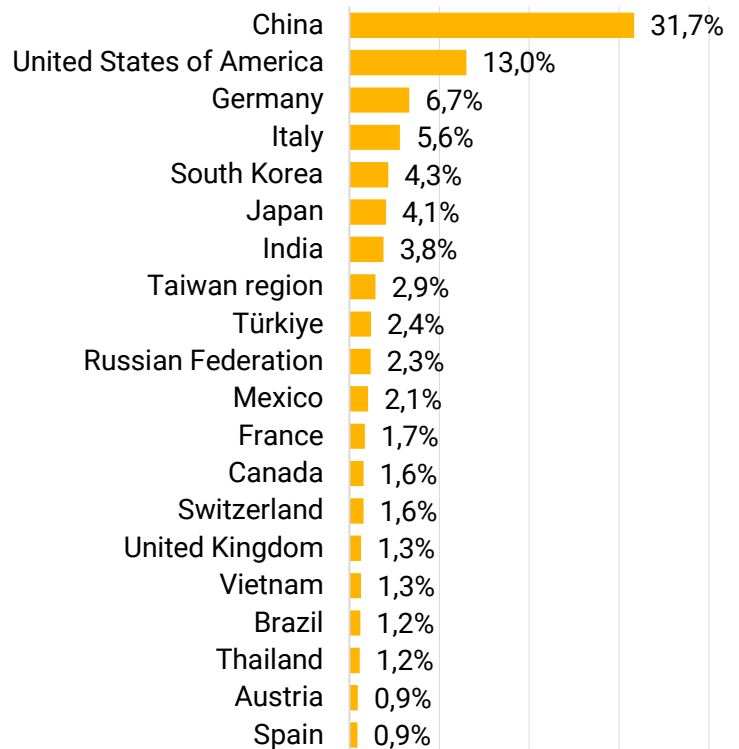
Country/Region	Consumption
World	22.697,9
China	8.507,5
United States of America	2.076,4
Italy	2.027,7
Germany	1.509,0
Mexico	681,4
Japan	609,7
Türkiye	598,9
South Korea	577,5
India	559,4
Russian Federation	540,5
Canada	390,6
France	338,5
Vietnam	299,0
Brazil	278,6
Thailand	275,1
Austria	272,5
Malaysia	259,7
Taiwan region	257,0
Spain	244,0
Poland	229,7



Metal Cutting - Top 20 Machine Tool Consumers

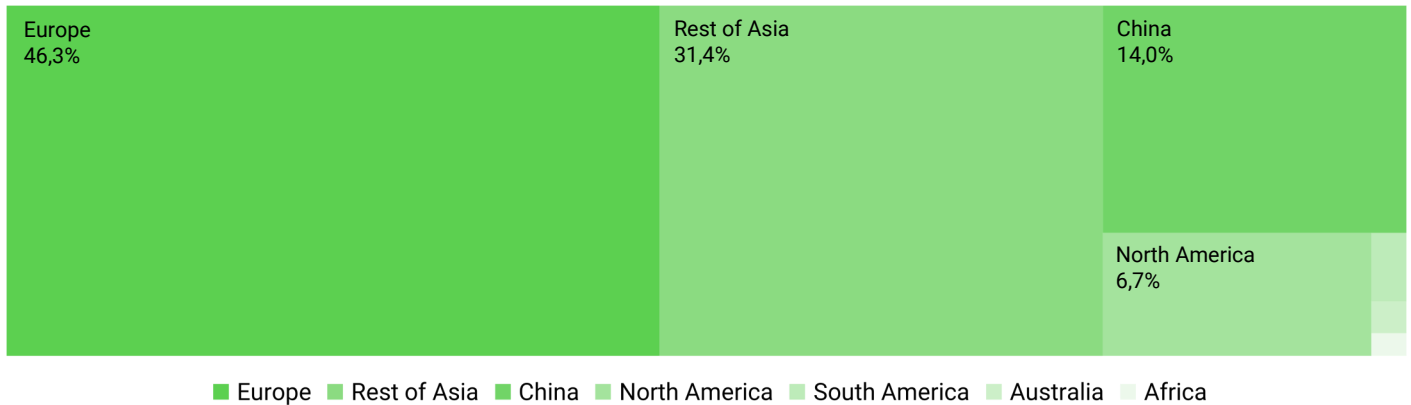
Million EUR

Country/Region	Consumption
World	55.182,2
China	17.488,2
United States of America	7.174,6
Germany	3.670,8
Italy	3.106,0
South Korea	2.382,1
Japan	2.245,4
India	2.090,9
Taiwan region	1.596,6
Türkiye	1.317,5
Russian Federation	1.293,2
Mexico	1.144,8
France	950,5
Canada	861,9
Switzerland	859,1
United Kingdom	718,5
Vietnam	718,0
Brazil	661,0
Thailand	637,3
Austria	515,8
Spain	484,9



World MT Exports in 2022

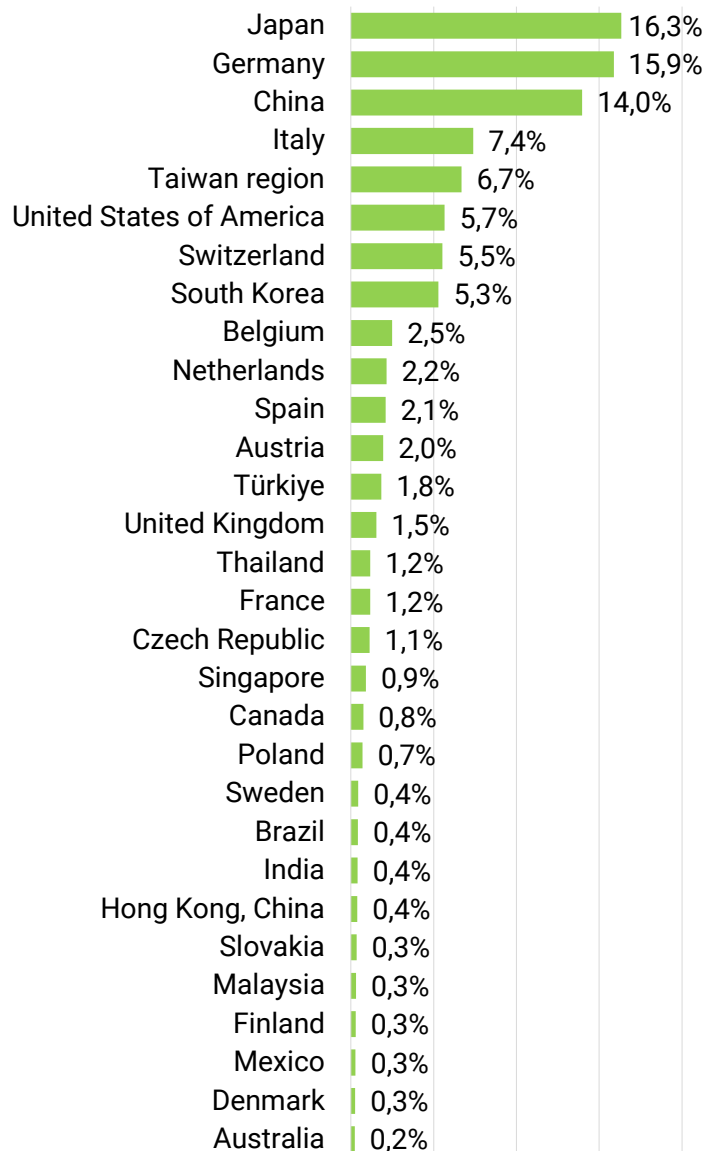
Global Machine Tool exports reach 43 billion EUR.



Metal Working - Top 30 Machine Tool Exporters

Million EUR

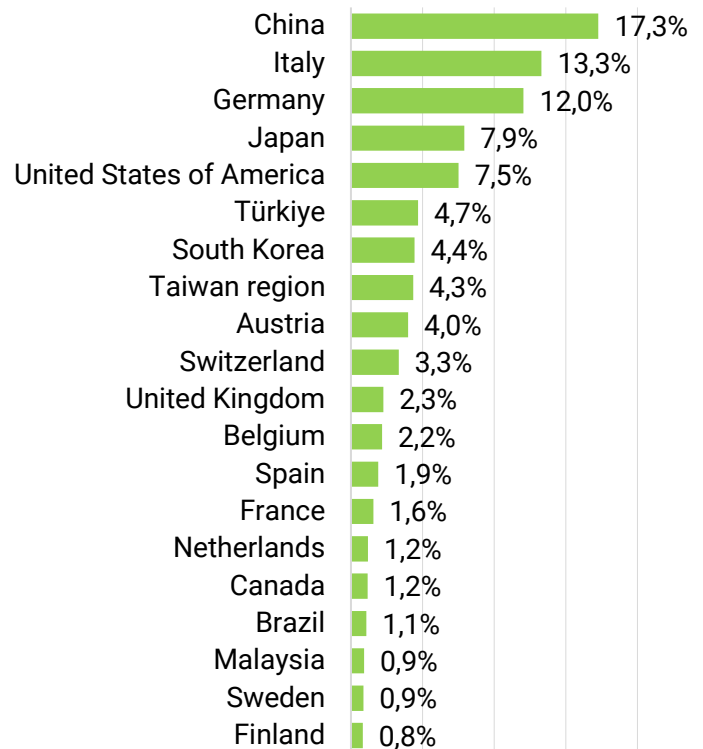
Country/Region	Exports
World	43.041,8
Japan	7.033,9
Germany	6.836,4
China	6.011,9
Italy	3.177,7
Taiwan region	2.873,0
United States of America	2.436,2
Switzerland	2.380,1
South Korea	2.276,9
Belgium	1.070,6
Netherlands	926,7
Spain	901,8
Austria	841,0
Türkiye	788,3
United Kingdom	659,4
Thailand	504,9
France	499,6
Czech Republic	483,7
Singapore	390,9
Canada	323,6
Poland	301,4
Sweden	187,9
Brazil	184,3
India	173,2
Hong Kong, China	161,2
Slovakia	148,6
Malaysia	131,1
Finland	120,6
Mexico	118,1
Denmark	110,2
Australia	96,8



Metal Forming - Top 20 Machine Tool Exporters

Million EUR

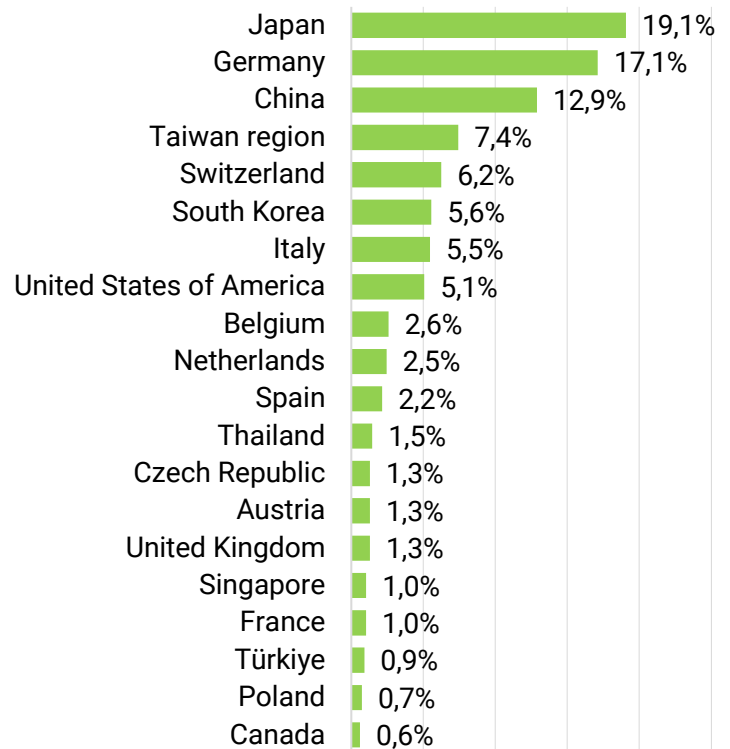
Country/Region	Exports
World	10.521,5
China	1.816,3
Italy	1.398,3
Germany	1.267,4
Japan	832,1
United States of America	790,0
Türkiye	491,6
South Korea	466,7
Taiwan region	456,2
Austria	419,7
Switzerland	349,9
United Kingdom	238,1
Belgium	228,2
Spain	200,8
France	163,8
Netherlands	124,7
Canada	121,8
Brazil	113,7
Malaysia	95,6
Sweden	90,7
Finland	86,3



Metal Cutting - Top 20 Machine Tool Exporters

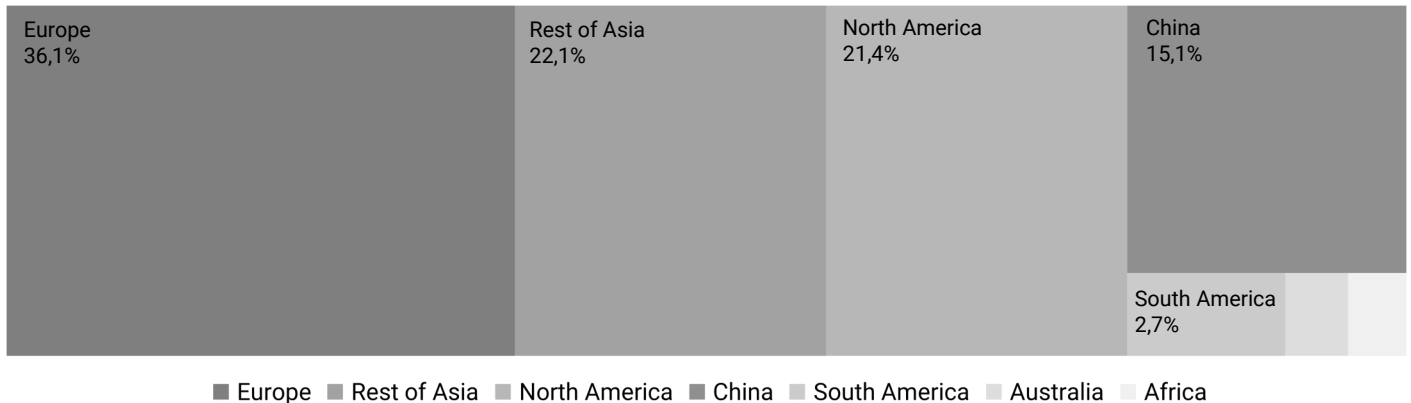
Million EUR

Country/Region	Exports
World	32.520,2
Japan	6.201,8
Germany	5.569,0
China	4.195,5
Taiwan region	2.416,8
Switzerland	2.030,2
South Korea	1.810,2
Italy	1.779,4
United States of America	1.646,3
Belgium	842,4
Netherlands	802,0
Spain	701,1
Thailand	476,0
Czech Republic	422,0
Austria	421,3
United Kingdom	421,3
Singapore	339,0
France	335,8
Türkiye	296,7
Poland	239,7
Canada	201,7



World MT Imports in 2022

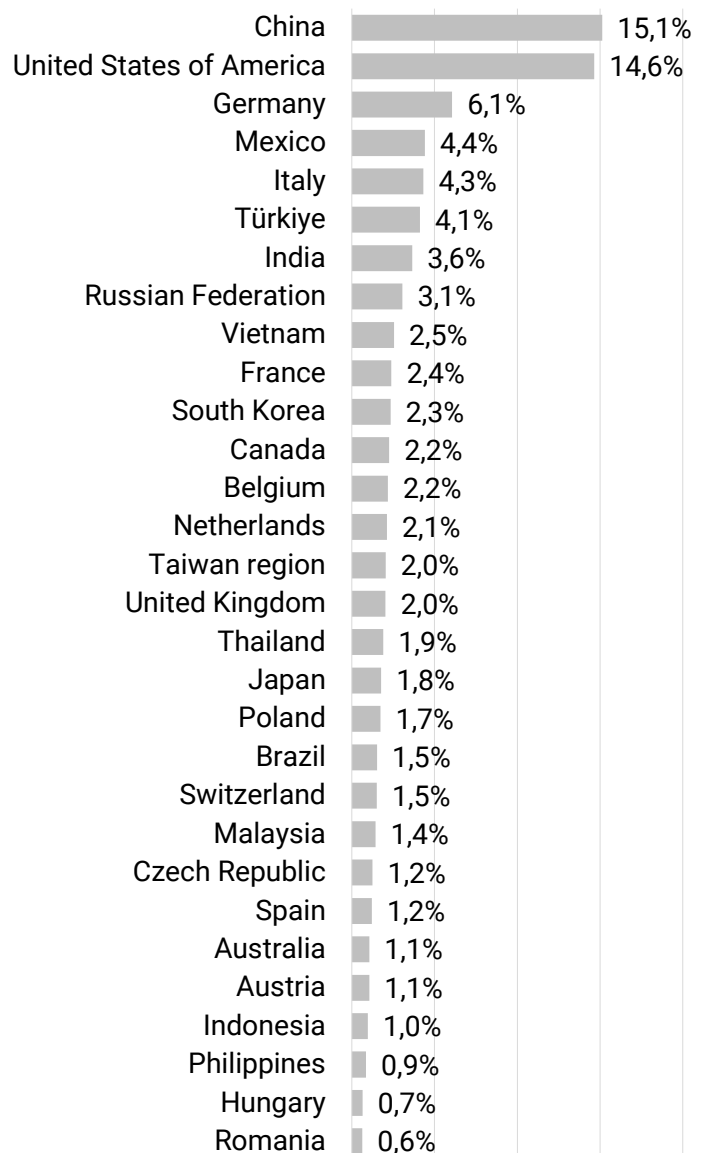
World Machine Tool Imports nearly 41.5 billion EUR.



Metal Working - Top 30 Machine Tool Importers

Million EUR

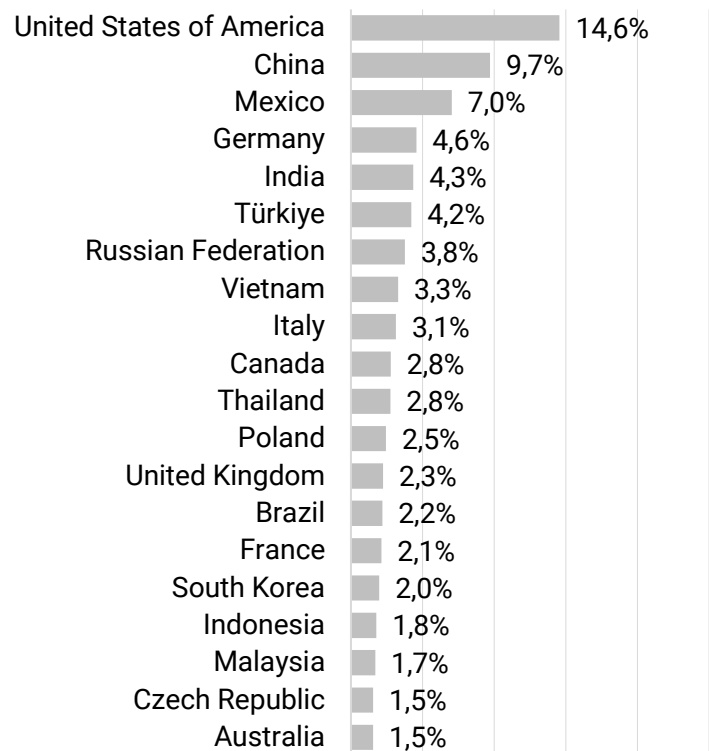
Country/Region	Imports
World	41.445,1
China	6.271,6
United States of America	6.066,1
Germany	2.511,0
Mexico	1.826,2
Italy	1.793,4
Türkiye	1.704,7
India	1.509,1
Russian Federation	1.266,4
Vietnam	1.054,1
France	990,7
South Korea	972,5
Canada	931,7
Belgium	904,1
Netherlands	880,1
Taiwan region	848,2
United Kingdom	843,0
Thailand	786,2
Japan	733,3
Poland	715,1
Brazil	631,4
Switzerland	627,6
Malaysia	592,5
Czech Republic	514,9
Spain	497,9
Australia	439,3
Austria	439,2
Indonesia	404,4
Philippines	352,9
Hungary	271,1
Romania	259,7



Metal Forming - Top 20 Machine Tool Importers

Million EUR

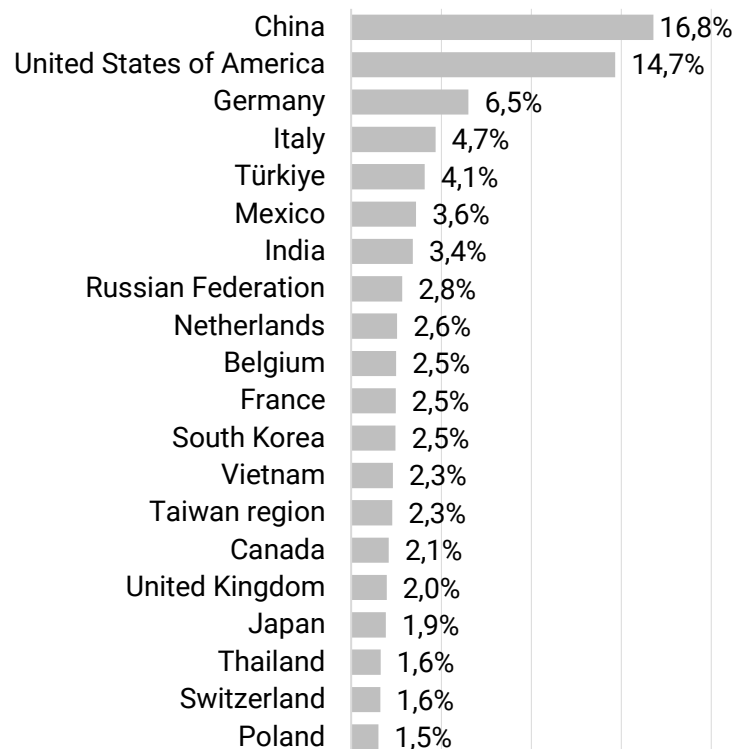
Country/Region	Imports
World	9.685,8
United States of America	1.409,6
China	941,1
Mexico	681,4
Germany	442,3
India	421,1
Türkiye	407,9
Russian Federation	365,2
Vietnam	319,6
Italy	305,0
Canada	269,8
Thailand	267,9
Poland	237,6
United Kingdom	218,0
Brazil	212,8
France	206,7
South Korea	191,4
Indonesia	170,8
Malaysia	164,1
Czech Republic	149,3
Australia	149,1



Metal Cutting - Top 20 Machine Tool Importers

Million EUR

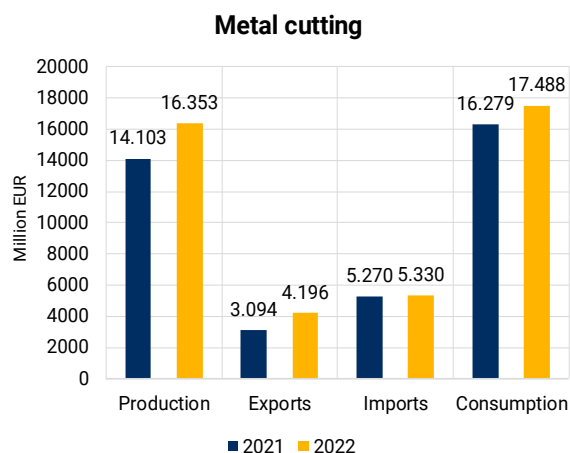
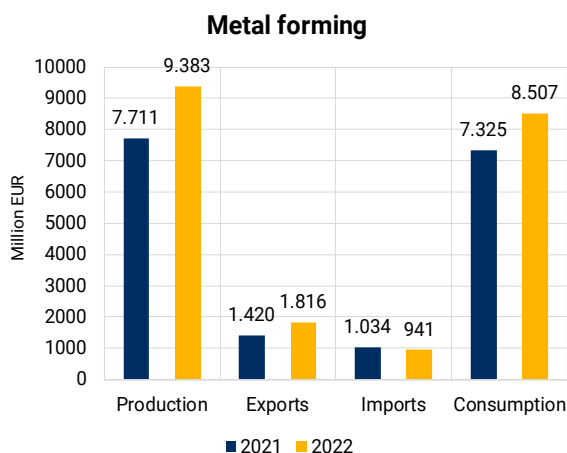
Country/Region	Imports
World	31.759,3
China	5.330,5
United States of America	4.656,5
Germany	2.068,7
Italy	1.488,4
Türkiye	1.296,7
Mexico	1.144,8
India	1.088,0
Russian Federation	901,2
Netherlands	811,4
Belgium	794,3
France	784,0
South Korea	781,0
Vietnam	734,5
Taiwan region	725,6
Canada	661,9
United Kingdom	625,0
Japan	609,0
Thailand	518,3
Switzerland	514,0
Poland	477,5



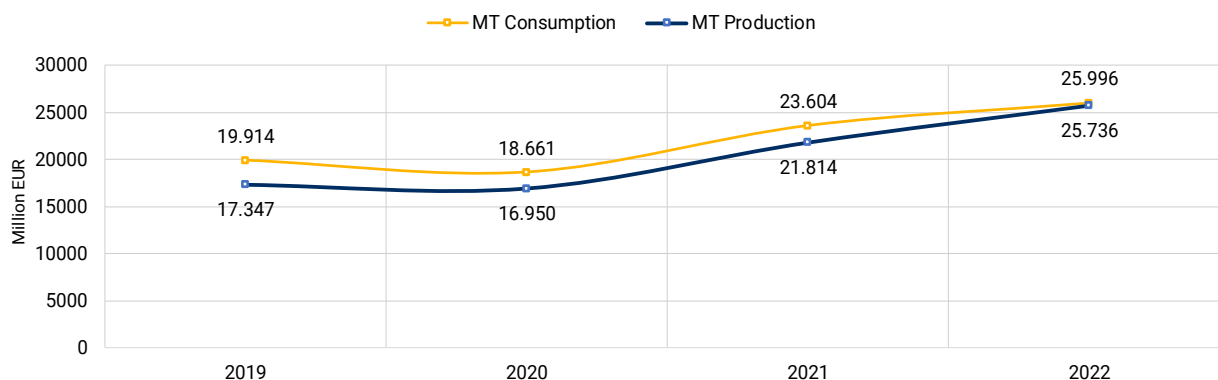
China

Total MT Production in 2022 = 25.736 Million EUR
YoY = 18,0%

Total MT Consumption in 2022 = 25.996 Million EUR
YoY = 10,1%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	6.012	33%
'8456	Physico-Chemical	1.877	35%
'8457	Machining centres, Transfer machines	470	77%
'8458	Lathes	696	55%
'8459	Drilling, Boring, Milling, Threading	420	25%
'8460	Grinding and Polishing machines	354	19%
'8461	Other Metal Cutting	378	8%
'8462	Forging, Bending, Shearing, Presses	1.389	25%
'8463	Other Metal Forming	427	39%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	6.272	-1%
'8456	Physico-Chemical	1.024	-1%
'8457	Machining centres, Transfer machines	2.335	-1%
'8458	Lathes	492	-6%
'8459	Drilling, Boring, Milling, Threading	175	-1%
'8460	Grinding and Polishing machines	796	-5%
'8461	Other Metal Cutting	509	47%
'8462	Forging, Bending, Shearing, Presses	785	-10%
'8463	Other Metal Forming	156	-4%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Russian Federation	548	95%	9%
2	Vietnam	469	30%	8%
3	United States of America	460	37%	8%
4	India	454	40%	8%
5	South Korea	273	28%	5%
6	Japan	257	63%	4%
7	Türkiye	232	55%	4%
8	Mexico	231	56%	4%
9	Malaysia	198	65%	3%
10	Brazil	198	53%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Japan	2.380	-2%	38%
2	Germany	1.476	14%	24%
3	Taiwan region	717	-3%	11%
4	Switzerland	461	31%	7%
5	South Korea	247	-33%	4%
6	Italy	216	-19%	3%
7	United States of America	147	22%	2%
8	Singapore	109	-23%	2%
9	Spain	85	18%	1%
10	Czech Republic	71	11%	1%

Note: All figures are nominal values in EUR millions.

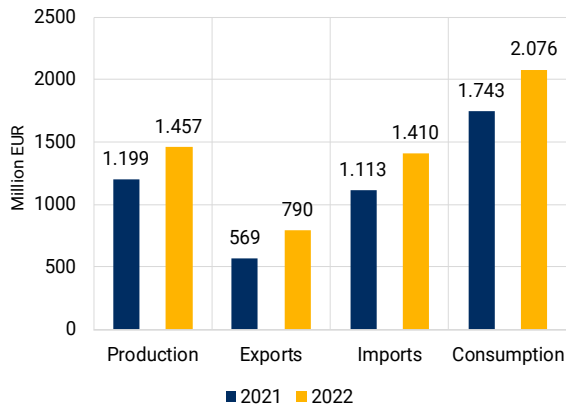
Source: CECIMO, National associations, ITC

United States of America

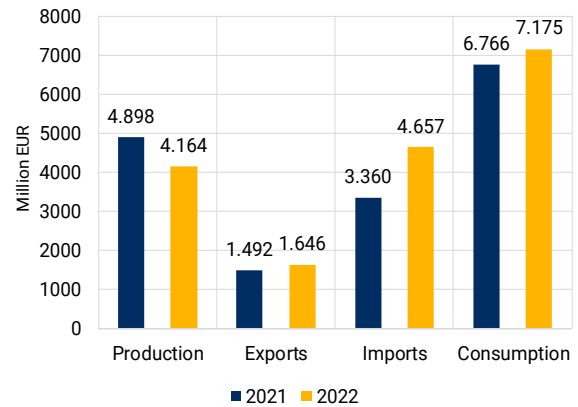
Total MT Production in 2022 = 5.621 Million EUR
YoY = -7,8%

Total MT Consumption in 2022 = 9.251 Million EUR
YoY = 8,7%

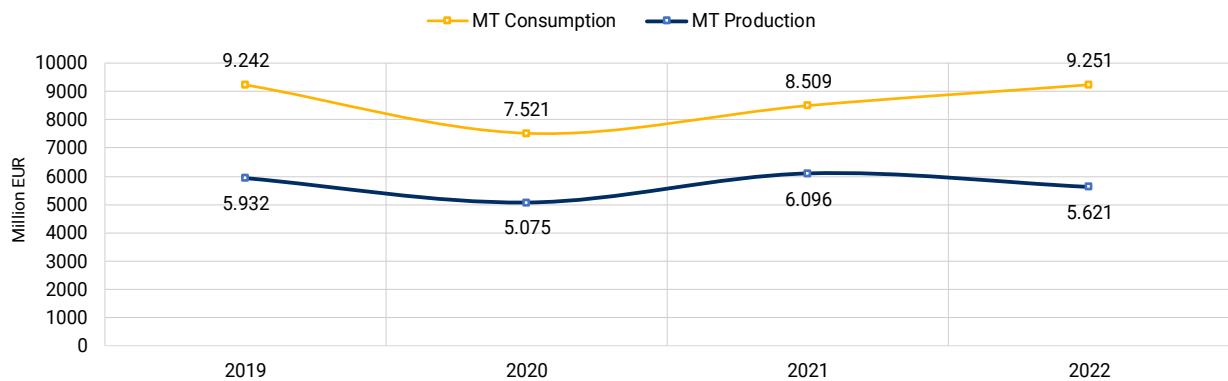
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	2.436	18%
'8456	Physico-Chemical	379	-6%
'8457	Machining centres, Transfer machines	564	19%
'8458	Lathes	305	15%
'8459	Drilling, Boring, Milling, Threading	107	-13%
'8460	Grinding and Polishing machines	175	42%
'8461	Other Metal Cutting	117	17%
'8462	Forging, Bending, Shearing, Presses	646	30%
'8463	Other Metal Forming	144	101%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	6.066	36%
'8456	Physico-Chemical	1.023	38%
'8457	Machining centres, Transfer machines	1.458	35%
'8458	Lathes	1.147	57%
'8459	Drilling, Boring, Milling, Threading	305	14%
'8460	Grinding and Polishing machines	467	58%
'8461	Other Metal Cutting	257	4%
'8462	Forging, Bending, Shearing, Presses	1.213	28%
'8463	Other Metal Forming	197	21%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Mexico	780	31%	32%
2	Canada	463	13%	19%
3	China	160	33%	7%
4	Belgium	121	-6%	5%
5	India	75	-8%	3%
6	Germany	73	56%	3%
7	United Kingdom	56	-16%	2%
8	Hungary	53	2447%	2%
9	Brazil	51	-32%	2%
10	Netherlands	38	-16%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Japan	1.681	34%	28%
2	Germany	886	15%	15%
3	South Korea	546	63%	9%
4	Italy	520	37%	9%
5	Taiwan region	458	67%	8%
6	Switzerland	345	39%	6%
7	China	283	30%	5%
8	Canada	252	48%	4%
9	United Kingdom	135	22%	2%
10	Thailand	130	67%	2%

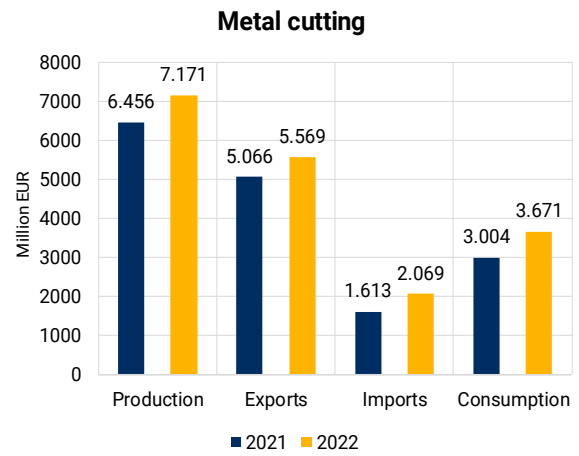
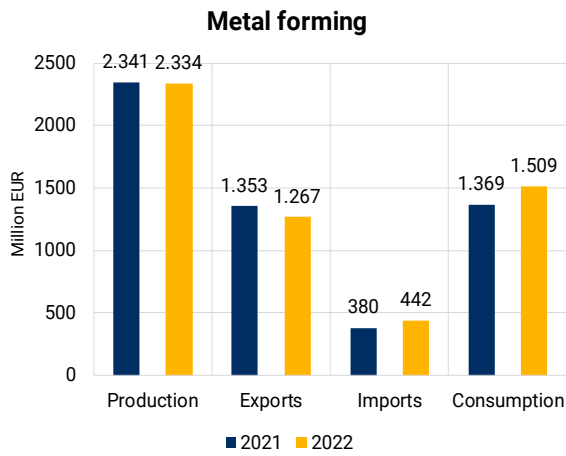
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

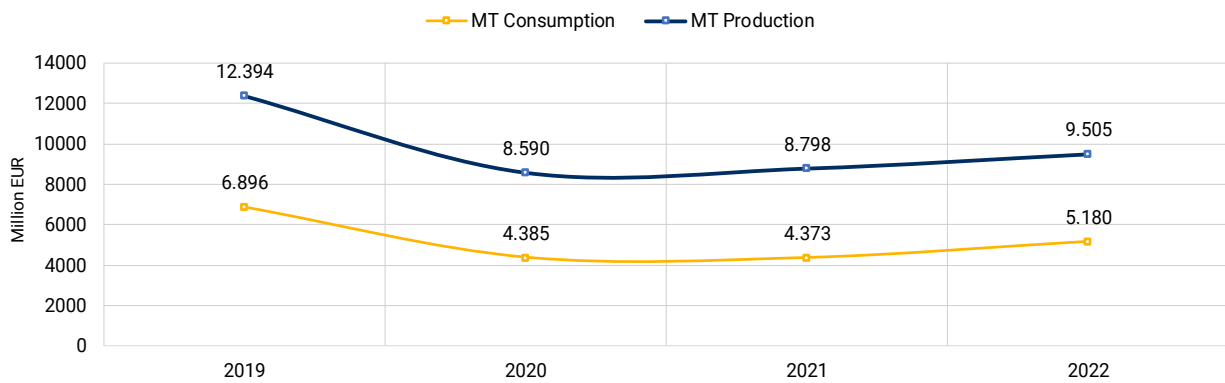
Germany

Total MT Production in 2022 = 9.505 Million EUR
YoY = 8,0%

Total MT Consumption in 2022 = 5.180 Million EUR
YoY = 18,5%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	6.836	7%
'8456	Physico-Chemical	1.191	18%
'8457	Machining centres, Transfer machines	1.746	7%
'8458	Lathes	748	4%
'8459	Drilling, Boring, Milling, Threading	495	6%
'8460	Grinding and Polishing machines	731	6%
'8461	Other Metal Cutting	657	18%
'8462	Forging, Bending, Shearing, Presses	963	-12%
'8463	Other Metal Forming	305	20%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	2.511	26%
'8456	Physico-Chemical	567	17%
'8457	Machining centres, Transfer machines	452	54%
'8458	Lathes	516	39%
'8459	Drilling, Boring, Milling, Threading	162	25%
'8460	Grinding and Polishing machines	280	8%
'8461	Other Metal Cutting	92	24%
'8462	Forging, Bending, Shearing, Presses	397	19%
'8463	Other Metal Forming	46	-6%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	China	1.322	-3%	19%
2	United States of America	898	16%	13%
3	Italy	494	23%	7%
4	Poland	307	7%	4%
5	Austria	284	-14%	4%
6	France	268	8%	4%
7	Switzerland	262	47%	4%
8	Mexico	214	15%	3%
9	Türkiye	213	35%	3%
10	Czech Republic	205	-21%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Switzerland	741	24%	29%
2	Japan	307	32%	12%
3	China	226	45%	9%
4	South Korea	194	58%	8%
5	Italy	169	-5%	7%
6	Taiwan region	132	112%	5%
7	Austria	118	41%	5%
8	Czech Republic	88	16%	4%
9	United States of America	70	1%	3%
10	Spain	65	7%	3%

Note: All figures are nominal values in EUR millions.

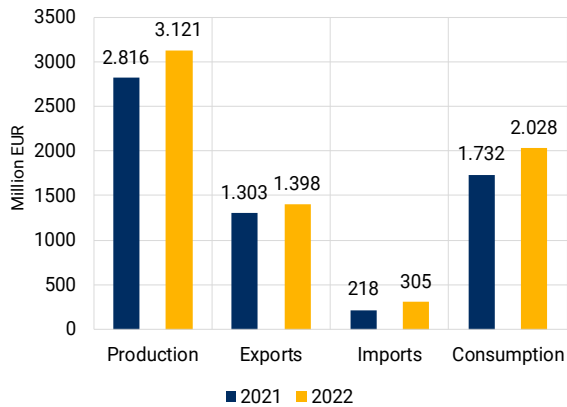
Source: CECIMO, National associations, ITC

Italy

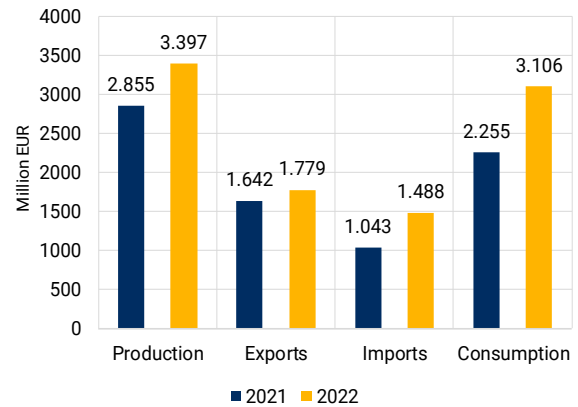
Total MT Production in 2022 = 6.518 Million EUR
YoY = 14,9%

Total MT Consumption in 2022 = 5.134 Million EUR
YoY = 28,8%

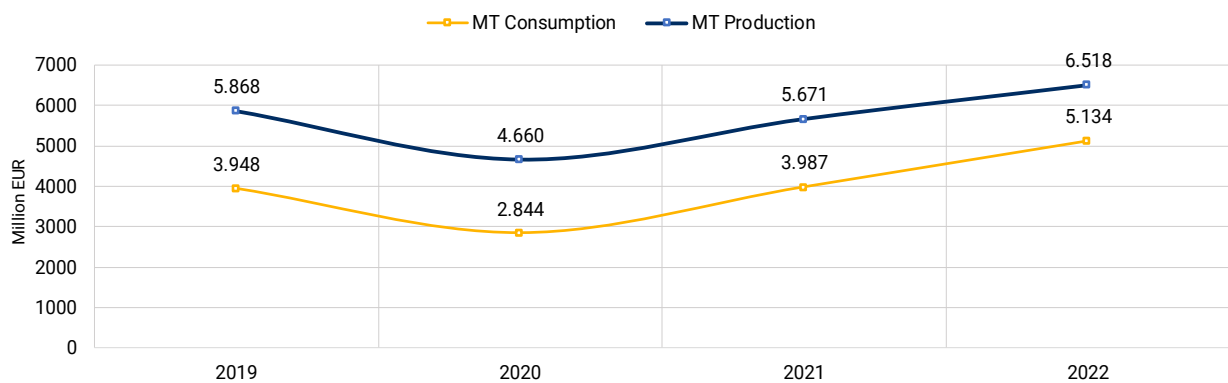
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	3.178	8%
'8456	Physico-Chemical	377	17%
'8457	Machining centres, Transfer machines	428	8%
'8458	Lathes	324	11%
'8459	Drilling, Boring, Milling, Threading	301	-3%
'8460	Grinding and Polishing machines	188	15%
'8461	Other Metal Cutting	162	3%
'8462	Forging, Bending, Shearing, Presses	1.175	5%
'8463	Other Metal Forming	223	21%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	1.793	42%
'8456	Physico-Chemical	308	46%
'8457	Machining centres, Transfer machines	446	42%
'8458	Lathes	420	40%
'8459	Drilling, Boring, Milling, Threading	143	48%
'8460	Grinding and Polishing machines	101	36%
'8461	Other Metal Cutting	69	54%
'8462	Forging, Bending, Shearing, Presses	271	47%
'8463	Other Metal Forming	34	-1%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	482	44%	15%
2	Germany	306	-13%	10%
3	China	226	-1%	7%
4	France	193	10%	6%
5	Poland	188	6%	6%
6	Türkiye	124	-4%	4%
7	Spain	119	20%	4%
8	Russian Federation	99	-4%	3%
9	Mexico	84	5%	3%
10	Switzerland	74	37%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	461	36%	26%
2	Belgium	194	50%	11%
3	South Korea	176	27%	10%
4	Japan	165	69%	9%
5	Spain	121	71%	7%
6	Taiwan region	120	85%	7%
7	Switzerland	116	17%	6%
8	China	106	63%	6%
9	Austria	57	83%	3%
10	France	51	6%	3%

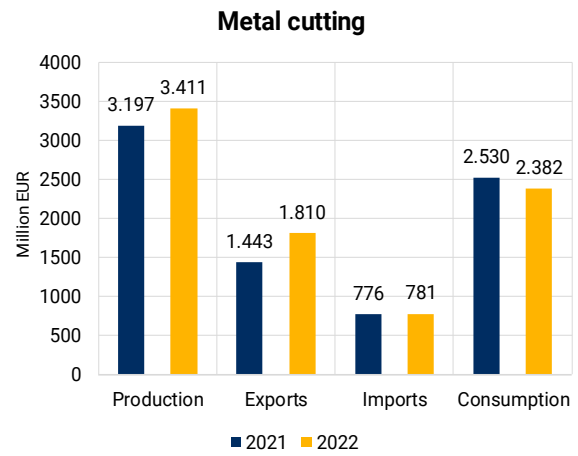
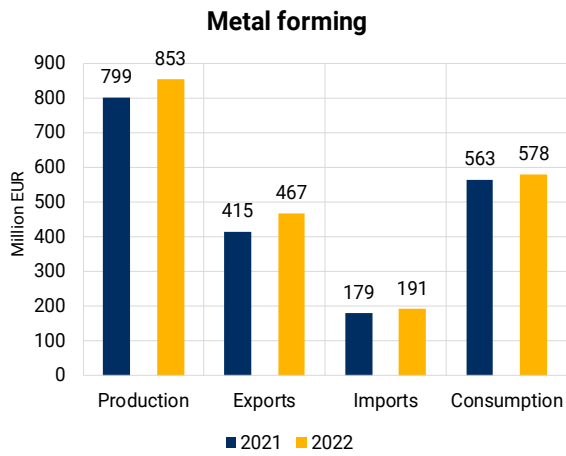
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

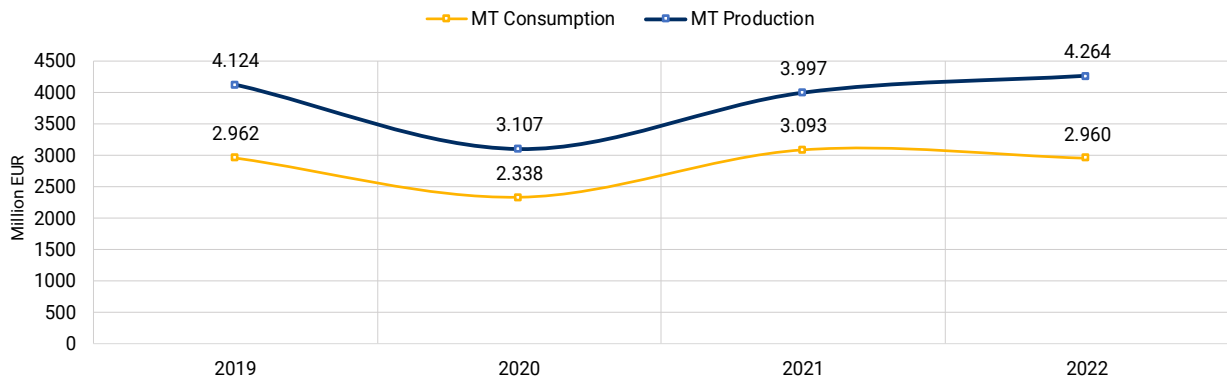
South Korea

Total MT Production in 2022 = 4.264 Million EUR
YoY = 6,7%

Total MT Consumption in 2022 = 2.960 Million EUR
YoY = -4,3%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	2.277	23%
'8456	Physico-Chemical	285	21%
'8457	Machining centres, Transfer machines	532	24%
'8458	Lathes	811	33%
'8459	Drilling, Boring, Milling, Threading	59	-10%
'8460	Grinding and Polishing machines	68	76%
'8461	Other Metal Cutting	55	-16%
'8462	Forging, Bending, Shearing, Presses	433	12%
'8463	Other Metal Forming	34	26%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	972	2%
'8456	Physico-Chemical	350	4%
'8457	Machining centres, Transfer machines	137	7%
'8458	Lathes	85	-23%
'8459	Drilling, Boring, Milling, Threading	48	17%
'8460	Grinding and Polishing machines	101	1%
'8461	Other Metal Cutting	60	4%
'8462	Forging, Bending, Shearing, Presses	167	19%
'8463	Other Metal Forming	24	-36%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	520	49%	23%
2	China	254	-31%	11%
3	Vietnam	205	65%	9%
4	Germany	197	49%	9%
5	Italy	166	14%	7%
6	India	147	76%	6%
7	Türkiye	135	39%	6%
8	Mexico	75	119%	3%
9	Hungary	54	8%	2%
10	Russian Federation	50	34%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Japan	363	-3%	37%
2	China	282	33%	29%
3	Germany	80	-28%	8%
4	Switzerland	46	6%	5%
5	Taiwan region	43	4%	4%
6	Thailand	37	23%	4%
7	Italy	29	-9%	3%
8	United States of America	29	-9%	3%
9	Austria	11	-28%	1%
10	Australia	7	43%	1%

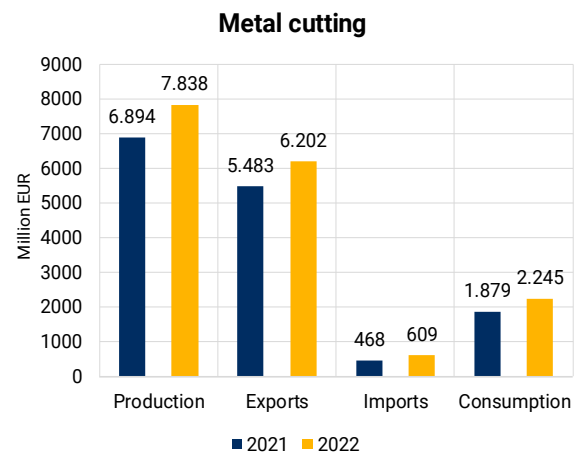
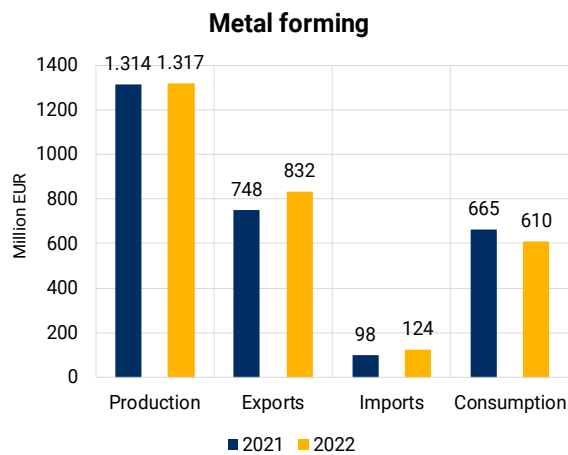
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

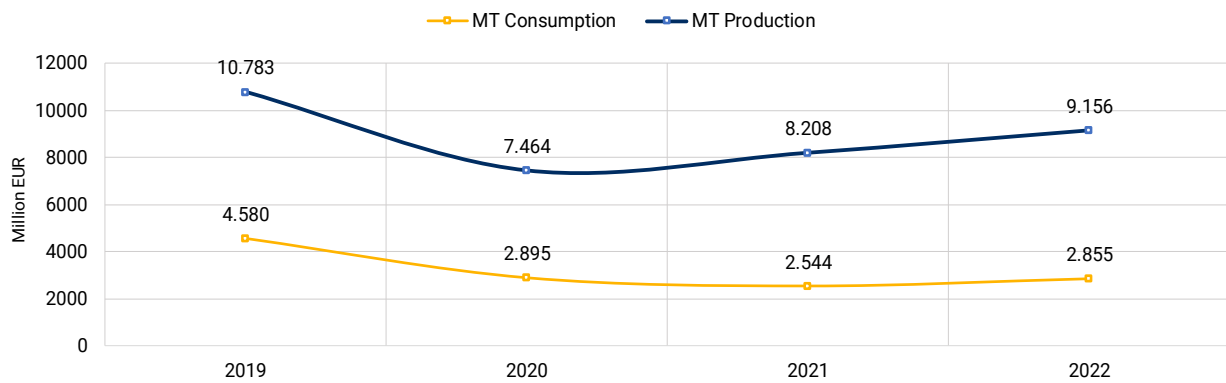
Japan

Total MT Production in 2022 = 9.156 Million EUR
YoY = 11,5%

Total MT Consumption in 2022 = 2.855 Million EUR
YoY = 12,2%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	7.034	13%
'8456	Physico-Chemical	1.209	8%
'8457	Machining centres, Transfer machines	2.637	9%
'8458	Lathes	1.550	31%
'8459	Drilling, Boring, Milling, Threading	109	2%
'8460	Grinding and Polishing machines	483	6%
'8461	Other Metal Cutting	213	14%
'8462	Forging, Bending, Shearing, Presses	726	14%
'8463	Other Metal Forming	106	-4%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	733	29%
'8456	Physico-Chemical	164	33%
'8457	Machining centres, Transfer machines	88	50%
'8458	Lathes	232	43%
'8459	Drilling, Boring, Milling, Threading	10	-10%
'8460	Grinding and Polishing machines	83	26%
'8461	Other Metal Cutting	33	-30%
'8462	Forging, Bending, Shearing, Presses	99	26%
'8463	Other Metal Forming	25	30%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	China	1.876	-8%	27%
2	United States of America	1.638	31%	23%
3	Taiwan region	371	0%	5%
4	South Korea	369	1%	5%
5	India	309	24%	4%
6	Germany	265	42%	4%
7	Thailand	254	22%	4%
8	Italy	209	37%	3%
9	Vietnam	184	38%	3%
10	Mexico	179	27%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	246	59%	34%
2	Germany	123	7%	17%
3	Thailand	94	26%	13%
4	Taiwan region	52	34%	7%
5	Switzerland	48	37%	7%
6	South Korea	40	4%	5%
7	United States of America	35	0%	5%
8	Italy	23	38%	3%
9	Singapore	16	36%	2%
10	Austria	13	11%	2%

Note: All figures are nominal values in EUR millions.

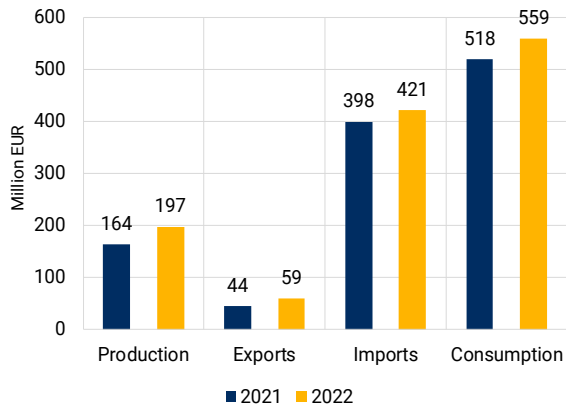
Source: CECIMO, National associations, ITC

India

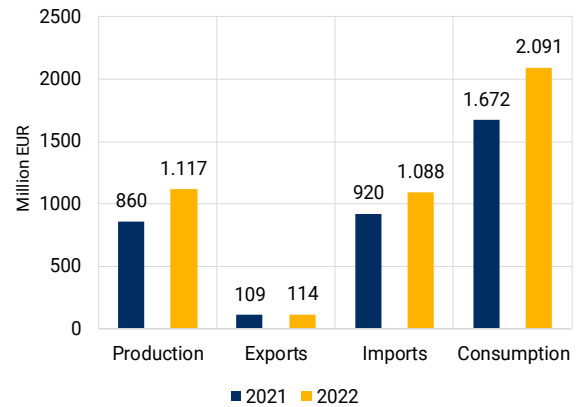
Total MT Production in 2022 = 1.314 Million EUR
YoY = 28,3%

Total MT Consumption in 2022 = 2.650 Million EUR
YoY = 21,0%

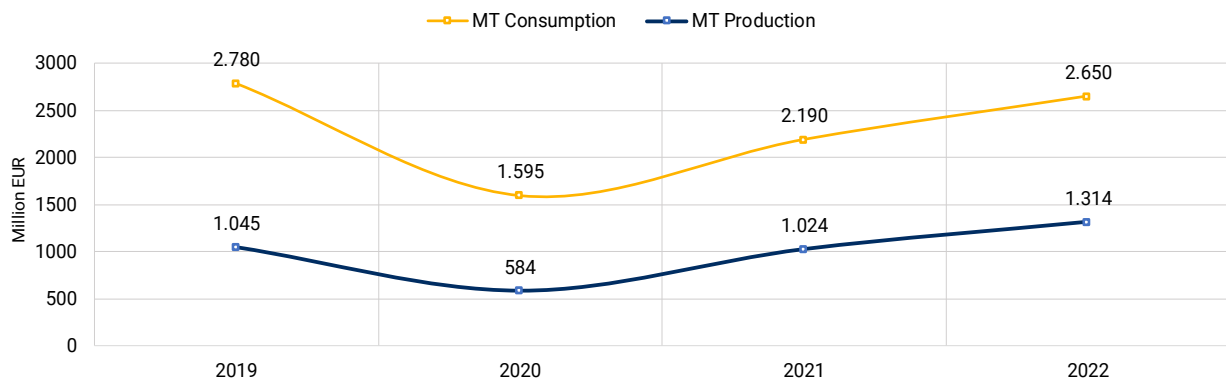
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	173	14%
'8456	Physico-Chemical	-	-
'8457	Machining centres, Transfer machines	-	-
'8458	Lathes	-	-
'8459	Drilling, Boring, Milling, Threading	-	-
'8460	Grinding and Polishing machines	-	-
'8461	Other Metal Cutting	-	-
'8462	Forging, Bending, Shearing, Presses	-	-
'8463	Other Metal Forming	-	-

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	1.509	16%
'8456	Physico-Chemical	-	-
'8457	Machining centres, Transfer machines	-	-
'8458	Lathes	-	-
'8459	Drilling, Boring, Milling, Threading	-	-
'8460	Grinding and Polishing machines	-	-
'8461	Other Metal Cutting	-	-
'8462	Forging, Bending, Shearing, Presses	-	-
'8463	Other Metal Forming	-	-

Top 5 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	21	-	12%
2	China	20	-	12%
3	United Arab Emirates	11	-	6%
4	Vietnam	8	-	4%
5	Bangladesh	7	-	4%

Top 5 supplying markets

Rank	Partner	2022	YoY	% share
1	China	297	-	20%
2	Japan	295	-	20%
3	Germany	164	-	11%
4	Italy	150	-	10%
5	United States of America	90	-	6%

Note: All figures are nominal values in EUR millions.

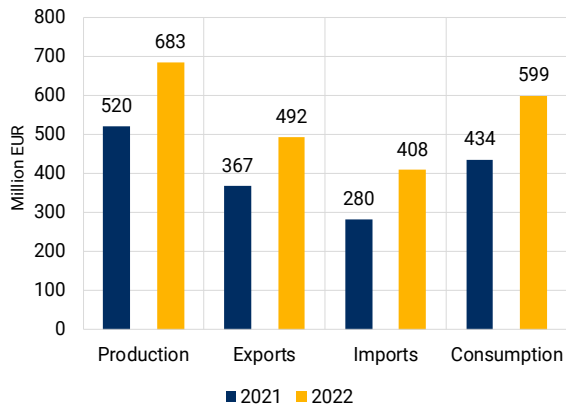
Source: CECIMO, National associations, ITC

Türkiye

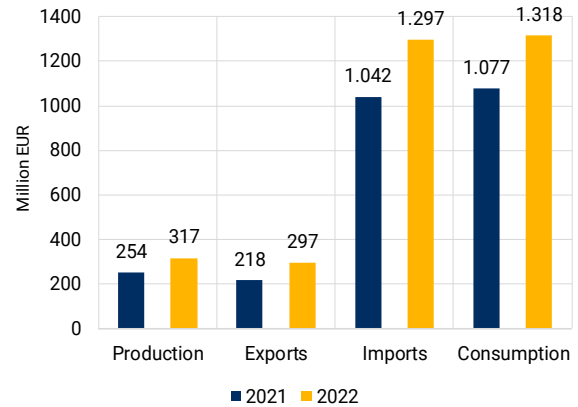
Total MT Production in 2022 = 1.000 Million EUR
YoY = 29,3%

Total MT Consumption in 2022 = 1.916 Million EUR
YoY = 26,8%

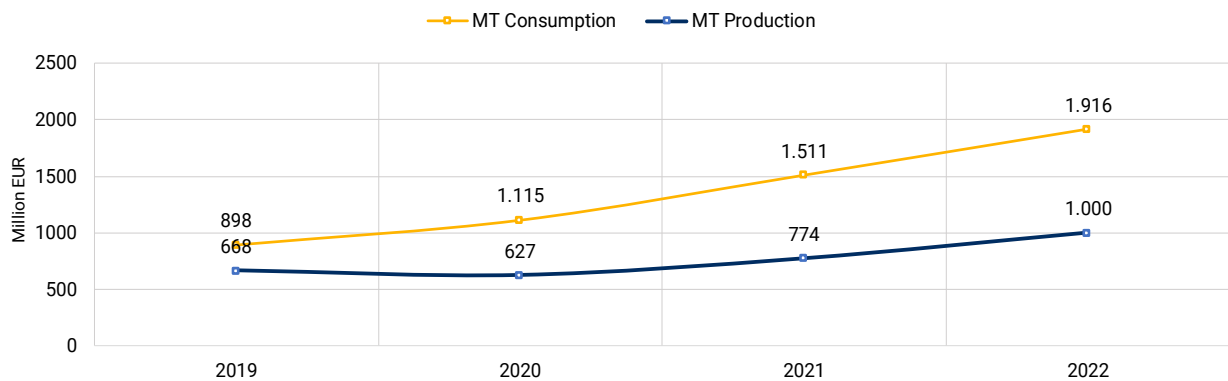
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	788	35%
'8456	Physico-Chemical	125	22%
'8457	Machining centres, Transfer machines	33	55%
'8458	Lathes	48	52%
'8459	Drilling, Boring, Milling, Threading	16	8%
'8460	Grinding and Polishing machines	28	96%
'8461	Other Metal Cutting	46	41%
'8462	Forging, Bending, Shearing, Presses	449	33%
'8463	Other Metal Forming	42	41%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	1.705	29%
'8456	Physico-Chemical	177	30%
'8457	Machining centres, Transfer machines	507	20%
'8458	Lathes	382	33%
'8459	Drilling, Boring, Milling, Threading	74	-11%
'8460	Grinding and Polishing machines	113	54%
'8461	Other Metal Cutting	44	16%
'8462	Forging, Bending, Shearing, Presses	321	55%
'8463	Other Metal Forming	86	19%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Russian Federation	108	154%	14%
2	United States of America	71	95%	9%
3	Germany	55	16%	7%
4	Italy	37	52%	5%
5	Canada	31	49%	4%
6	Poland	31	5%	4%
7	France	26	6%	3%
8	Iraq	21	64%	3%
9	United Kingdom	21	9%	3%
10	Spain	18	31%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Taiwan region	407	26%	24%
2	China	268	57%	16%
3	Germany	226	35%	13%
4	Japan	198	19%	12%
5	South Korea	172	47%	10%
6	Italy	146	10%	9%
7	Spain	53	-5%	3%
8	Switzerland	49	26%	3%
9	United States of America	21	-22%	1%
10	Thailand	20	33%	1%

Note: All figures are nominal values in EUR millions.

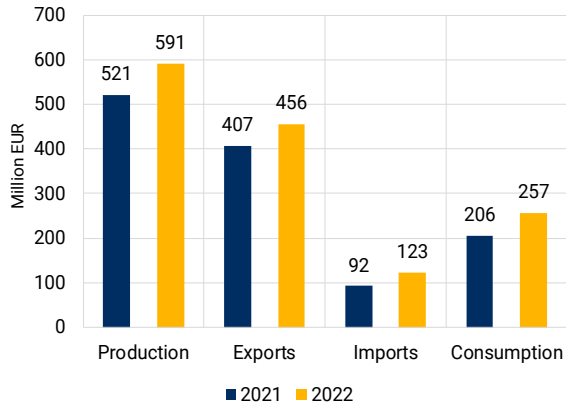
Source: CECIMO, National associations, ITC

Taiwan region

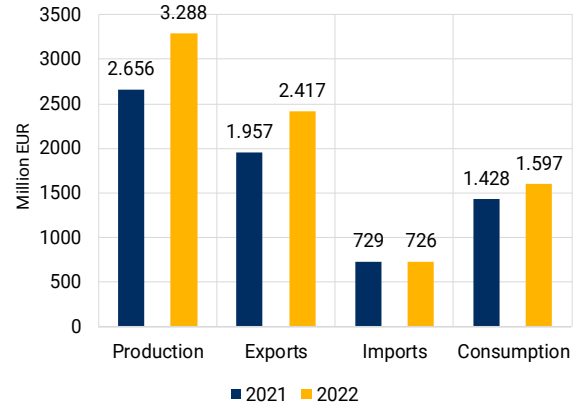
Total MT Production in 2022 = 3.878 Million EUR
YoY = 22,1%

Total MT Consumption in 2022 = 1.854 Million EUR
YoY = 13,5%

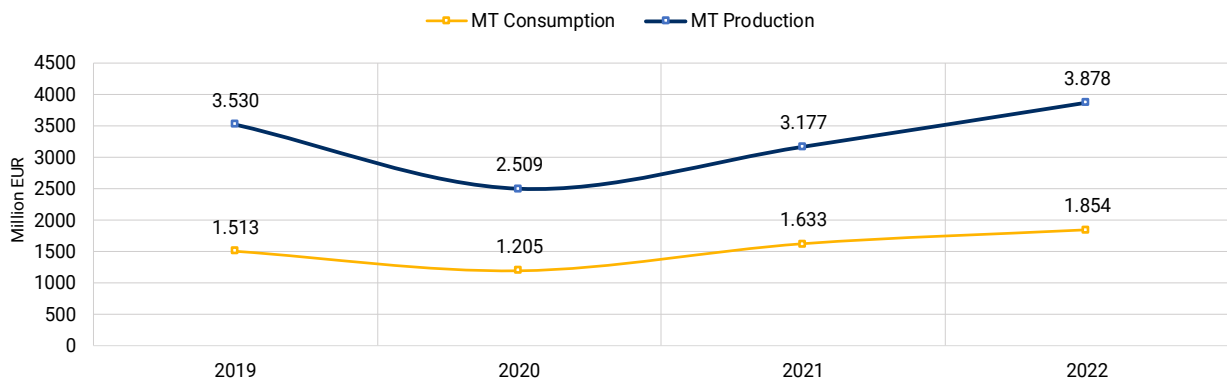
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	2.873	22%
'8456	Physico-Chemical	174	39%
'8457	Machining centres, Transfer machines	992	24%
'8458	Lathes	652	30%
'8459	Drilling, Boring, Milling, Threading	195	-6%
'8460	Grinding and Polishing machines	264	26%
'8461	Other Metal Cutting	140	22%
'8462	Forging, Bending, Shearing, Presses	358	11%
'8463	Other Metal Forming	98	15%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	848	3%
'8456	Physico-Chemical	354	-1%
'8457	Machining centres, Transfer machines	111	-4%
'8458	Lathes	120	-4%
'8459	Drilling, Boring, Milling, Threading	32	3%
'8460	Grinding and Polishing machines	64	13%
'8461	Other Metal Cutting	45	2%
'8462	Forging, Bending, Shearing, Presses	100	54%
'8463	Other Metal Forming	22	-19%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	China	762	0%	27%
2	United States of America	423	54%	15%
3	Türkiye	242	18%	8%
4	Vietnam	111	28%	4%
5	Russian Federation	110	24%	4%
6	Netherlands	103	47%	4%
7	Italy	99	56%	3%
8	India	89	11%	3%
9	Thailand	83	-1%	3%
10	Malaysia	77	27%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Japan	440	3%	52%
2	China	133	6%	16%
3	South Korea	55	144%	6%
4	Germany	47	-1%	5%
5	Switzerland	35	-26%	4%
6	Italy	33	75%	4%
7	Thailand	32	5%	4%
8	United States of America	19	14%	2%
9	Singapore	12	-74%	1%
10	Israel	11	14%	1%

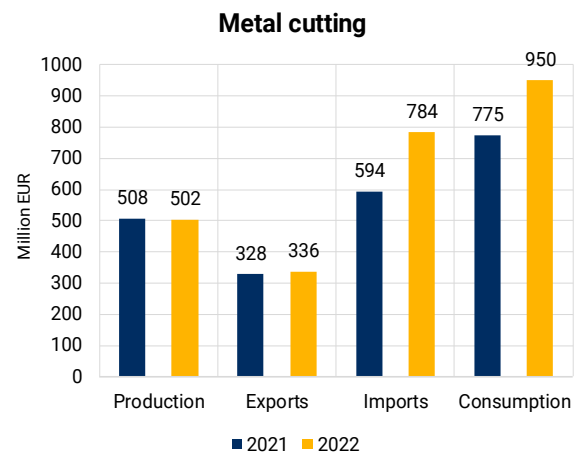
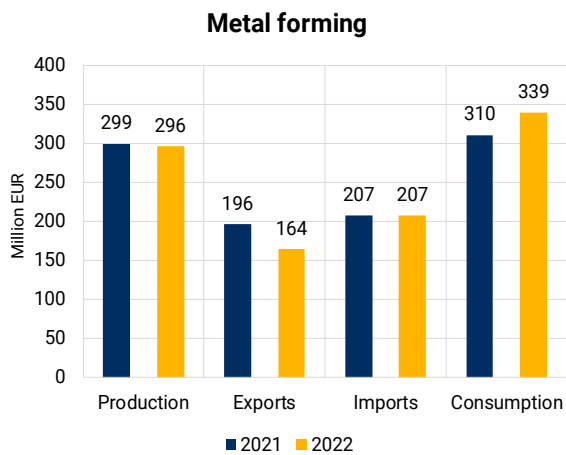
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

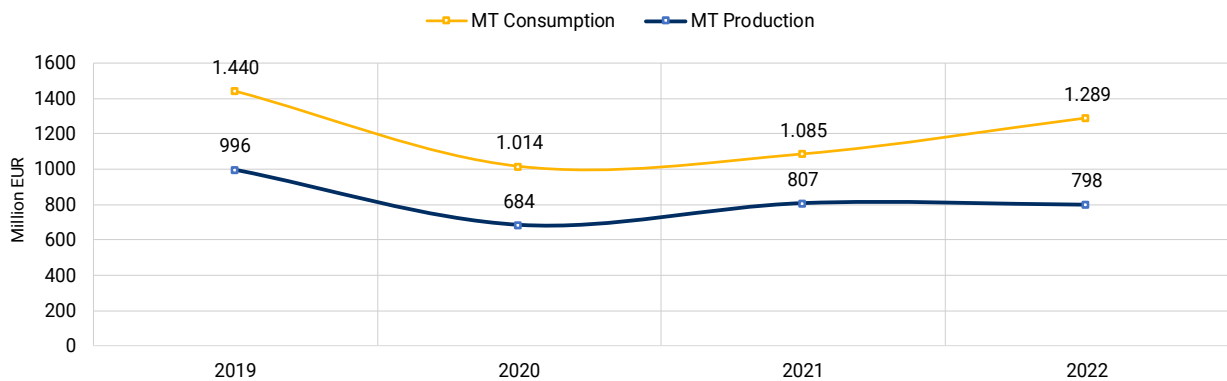
France

Total MT Production in 2022 = 798 Million EUR
YoY = -1,1%

Total MT Consumption in 2022 = 1.289 Million EUR
YoY = 18,8%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	500	-5%
'8456	Physico-Chemical	117	50%
'8457	Machining centres, Transfer machines	37	-52%
'8458	Lathes	95	1%
'8459	Drilling, Boring, Milling, Threading	28	-21%
'8460	Grinding and Polishing machines	40	36%
'8461	Other Metal Cutting	17	32%
'8462	Forging, Bending, Shearing, Presses	144	-21%
'8463	Other Metal Forming	20	39%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	991	24%
'8456	Physico-Chemical	171	25%
'8457	Machining centres, Transfer machines	183	56%
'8458	Lathes	231	25%
'8459	Drilling, Boring, Milling, Threading	81	36%
'8460	Grinding and Polishing machines	72	21%
'8461	Other Metal Cutting	46	27%
'8462	Forging, Bending, Shearing, Presses	181	-4%
'8463	Other Metal Forming	25	32%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Italy	64	10%	13%
2	Germany	56	-3%	11%
3	Switzerland	34	17%	7%
4	United Kingdom	32	-1%	6%
5	Türkiye	30	16%	6%
6	United States of America	27	-47%	5%
7	China	26	-34%	5%
8	Poland	23	80%	5%
9	Spain	22	47%	4%
10	Belgium	14	66%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	223	16%	22%
2	Italy	111	-3%	11%
3	Japan	110	28%	11%
4	Switzerland	108	6%	11%
5	China	60	21%	6%
6	Taiwan region	55	45%	6%
7	Belgium	50	36%	5%
8	United States of America	48	62%	5%
9	Spain	39	25%	4%
10	Austria	37	105%	4%

Note: All figures are nominal values in EUR millions.

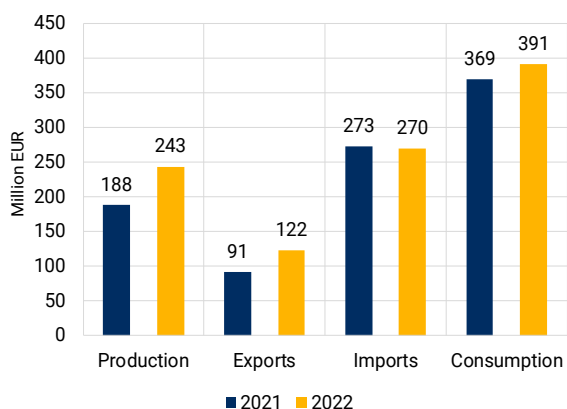
Source: CECIMO, National associations, ITC

Canada

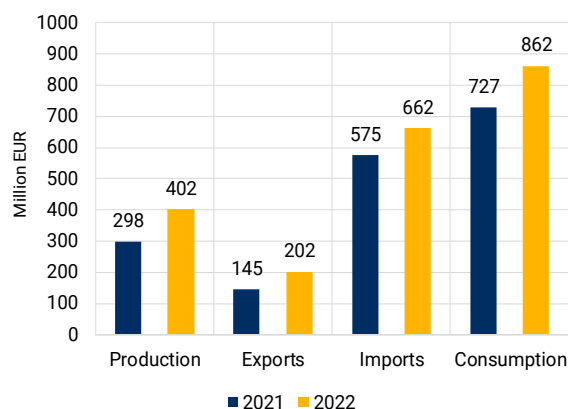
Total MT Production in 2022 = 644 Million EUR
YoY = 32,7%

Total MT Consumption in 2022 = 1.252 Million EUR
YoY = 14,2%

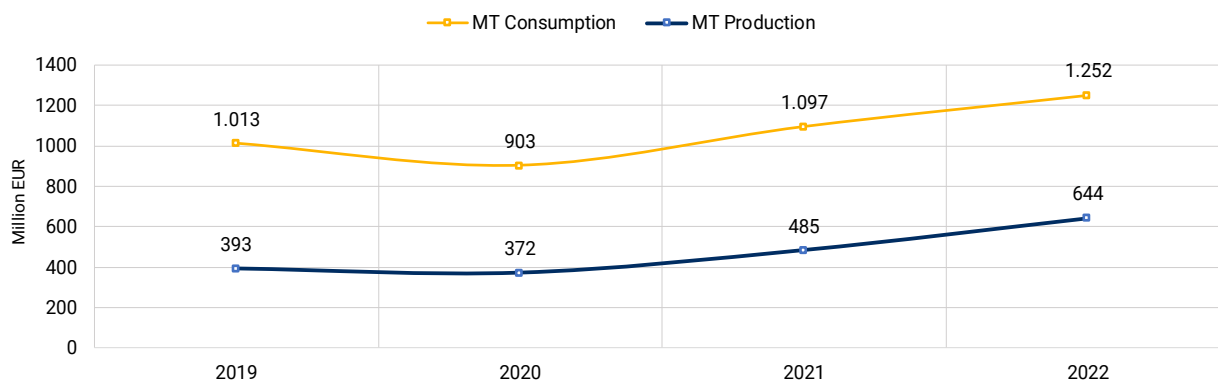
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	324	37%
'8456	Physico-Chemical	99	67%
'8457	Machining centres, Transfer machines	21	227%
'8458	Lathes	22	9%
'8459	Drilling, Boring, Milling, Threading	19	-41%
'8460	Grinding and Polishing machines	21	105%
'8461	Other Metal Cutting	20	17%
'8462	Forging, Bending, Shearing, Presses	113	36%
'8463	Other Metal Forming	8	6%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	932	10%
'8456	Physico-Chemical	195	19%
'8457	Machining centres, Transfer machines	160	23%
'8458	Lathes	120	20%
'8459	Drilling, Boring, Milling, Threading	84	5%
'8460	Grinding and Polishing machines	60	5%
'8461	Other Metal Cutting	43	-3%
'8462	Forging, Bending, Shearing, Presses	242	-3%
'8463	Other Metal Forming	28	21%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	282	40%	87%
2	Mexico	8	222%	2%
3	China	3	-29%	1%
4	France	3	335%	1%
5	United Kingdom	2	60%	1%
6	Singapore	2	112%	1%
7	India	2	-51%	1%
8	Italy	2	283%	1%
9	Chile	2	954%	1%
10	Australia	2	40%	1%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	United States of America	269	0%	29%
2	Japan	154	20%	17%
3	Germany	109	15%	12%
4	Italy	80	-3%	9%
5	China	73	24%	8%
6	Taiwan region	50	57%	5%
7	South Korea	34	6%	4%
8	Türkiye	31	57%	3%
9	Switzerland	26	63%	3%
10	Austria	15	-41%	2%

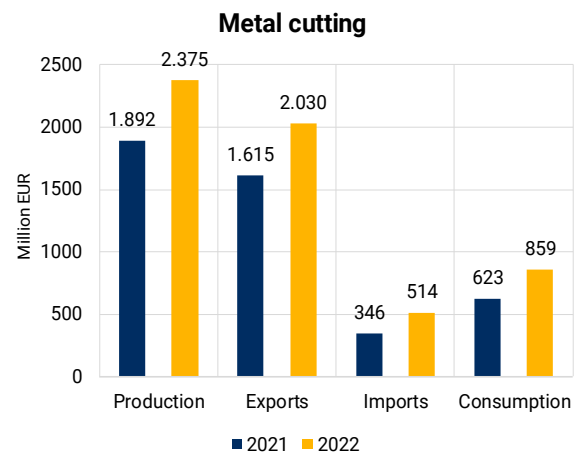
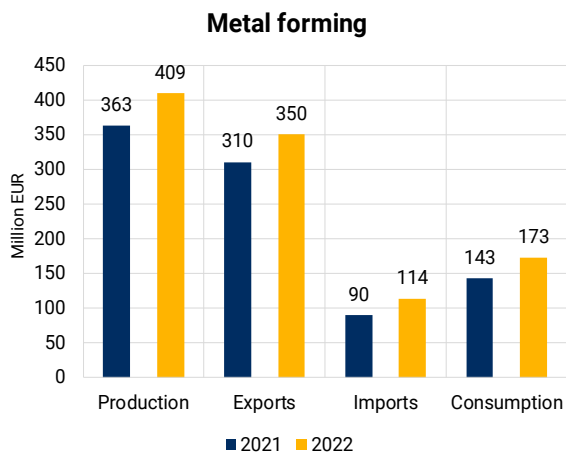
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

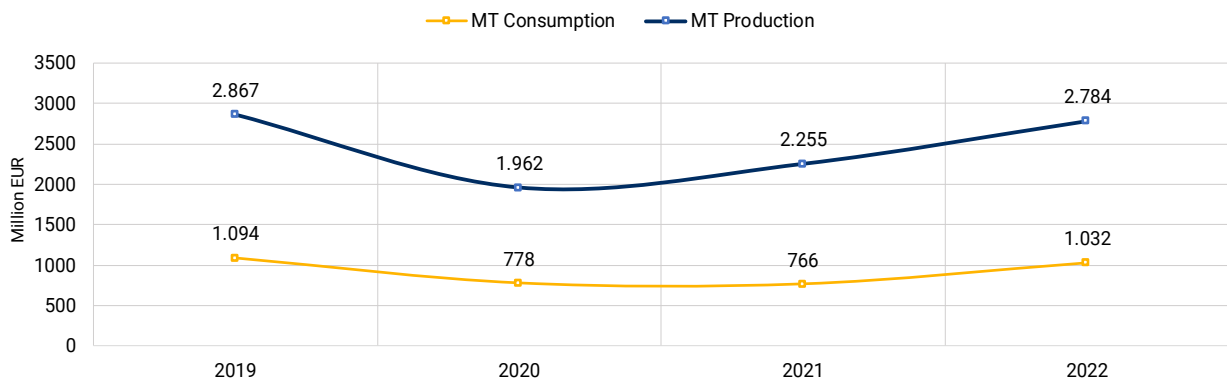
Switzerland

Total MT Production in 2022 = 2.784 Million EUR
YoY = 23,5%

Total MT Consumption in 2022 = 1.032 Million EUR
YoY = 34,7%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	2.380	24%
'8456	Physico-Chemical	762	20%
'8457	Machining centres, Transfer machines	326	29%
'8458	Lathes	146	15%
'8459	Drilling, Boring, Milling, Threading	56	-10%
'8460	Grinding and Polishing machines	570	30%
'8461	Other Metal Cutting	170	73%
'8462	Forging, Bending, Shearing, Presses	293	20%
'8463	Other Metal Forming	57	-15%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	628	44%
'8456	Physico-Chemical	88	22%
'8457	Machining centres, Transfer machines	142	95%
'8458	Lathes	171	67%
'8459	Drilling, Boring, Milling, Threading	29	-24%
'8460	Grinding and Polishing machines	62	28%
'8461	Other Metal Cutting	23	76%
'8462	Forging, Bending, Shearing, Presses	89	20%
'8463	Other Metal Forming	25	58%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	418	26%	18%
2	China	395	31%	17%
3	United States of America	346	44%	15%
4	Italy	194	26%	8%
5	France	135	25%	6%
6	United Kingdom	62	11%	3%
7	Czech Republic	57	72%	2%
8	Poland	56	24%	2%
9	Austria	48	17%	2%
10	India	46	27%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	267	49%	43%
2	Italy	72	24%	12%
3	Japan	64	59%	10%
4	Taiwan region	37	49%	6%
5	China	34	37%	5%
6	Austria	33	179%	5%
7	France	31	24%	5%
8	United States of America	16	31%	3%
9	South Korea	12	99%	2%
10	Thailand	10	157%	2%

Note: All figures are nominal values in EUR millions.

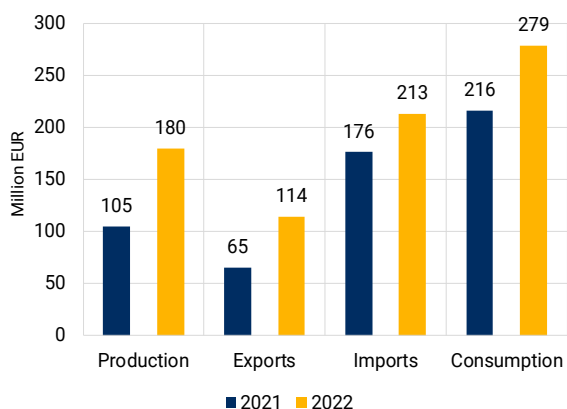
Source: CECIMO, National associations, ITC

Brazil

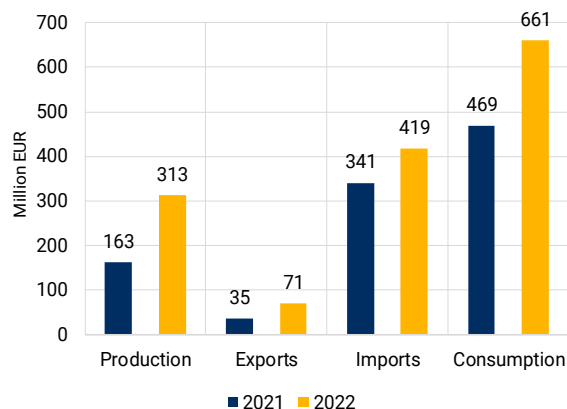
Total MT Production in 2022 = 493 Million EUR
YoY = 83,8%

Total MT Consumption in 2022 = 940 Million EUR
YoY = 37,2%

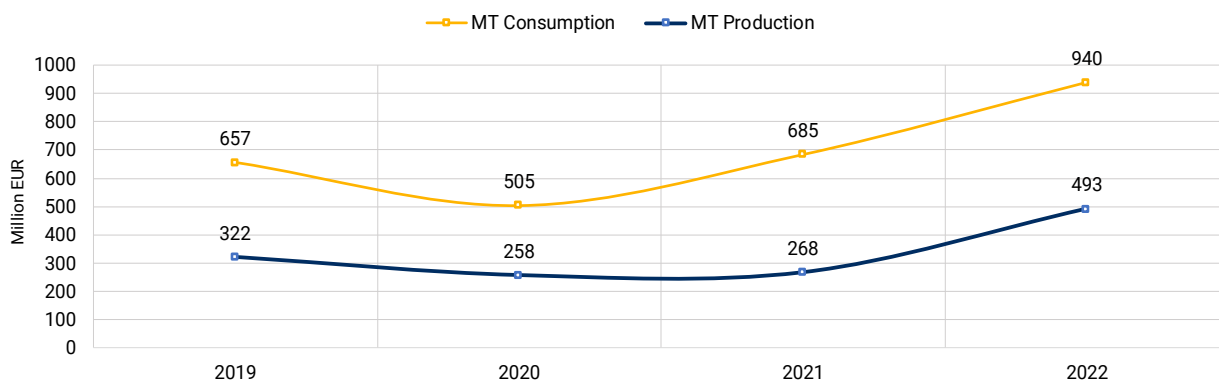
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	184	84%
'8456	Physico-Chemical	2	71%
'8457	Machining centres, Transfer machines	27	91%
'8458	Lathes	18	76%
'8459	Drilling, Boring, Milling, Threading	2	66%
'8460	Grinding and Polishing machines	12	59%
'8461	Other Metal Cutting	9	1241%
'8462	Forging, Bending, Shearing, Presses	109	79%
'8463	Other Metal Forming	4	8%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	631	22%
'8456	Physico-Chemical	141	34%
'8457	Machining centres, Transfer machines	99	24%
'8458	Lathes	96	47%
'8459	Drilling, Boring, Milling, Threading	19	-18%
'8460	Grinding and Polishing machines	40	-17%
'8461	Other Metal Cutting	23	23%
'8462	Forging, Bending, Shearing, Presses	191	21%
'8463	Other Metal Forming	22	18%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	69	236%	37%
2	Mexico	36	196%	19%
3	China	17	156%	9%
4	Germany	14	76%	7%
5	Argentina	13	3%	7%
6	Paraguay	5	12%	3%
7	Italy	4	23%	2%
8	Thailand	2	1552%	1%
9	Colombia	1	218%	1%
10	Spain	1	-70%	1%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	191	69%	30%
2	Japan	71	16%	11%
3	Germany	69	9%	11%
4	Italy	60	-11%	10%
5	United States of America	48	-20%	8%
6	South Korea	39	62%	6%
7	Taiwan region	36	28%	6%
8	United Kingdom	34	80%	5%
9	Switzerland	29	-8%	5%
10	Spain	12	-27%	2%

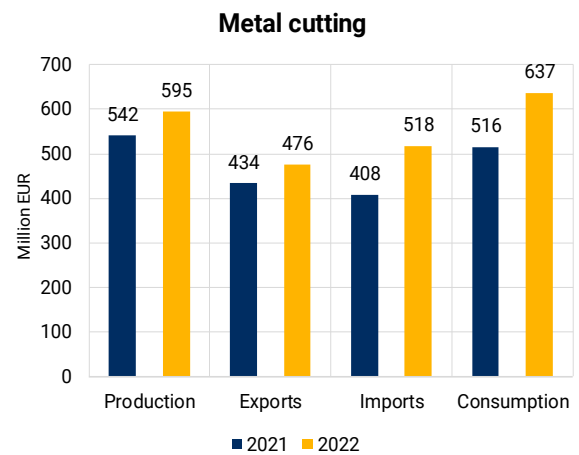
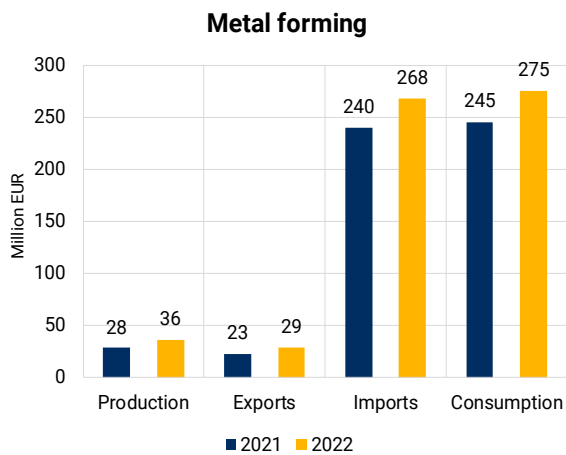
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

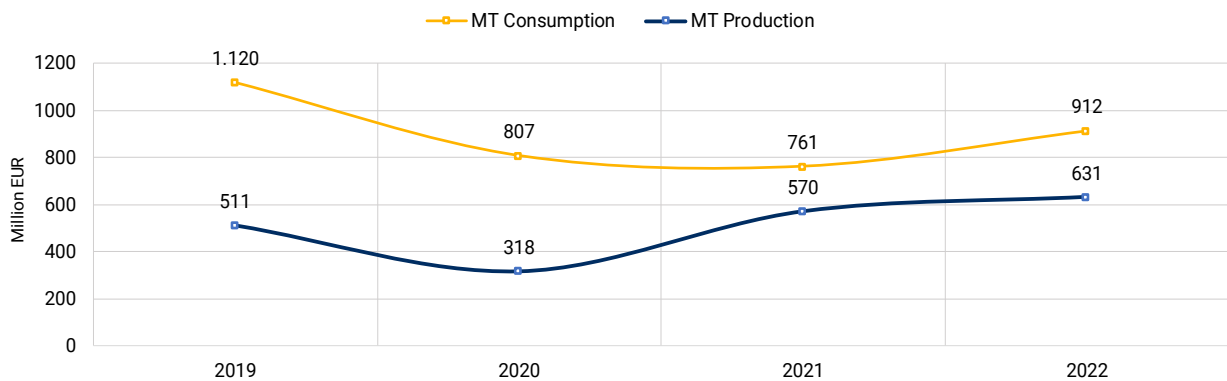
Thailand

Total MT Production in 2022 = 631 Million EUR
YoY = 10,6%

Total MT Consumption in 2022 = 912 Million EUR
YoY = 19,9%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	505	11%
'8456	Physico-Chemical	115	6%
'8457	Machining centres, Transfer machines	6	-62%
'8458	Lathes	219	14%
'8459	Drilling, Boring, Milling, Threading	7	13%
'8460	Grinding and Polishing machines	120	14%
'8461	Other Metal Cutting	10	50%
'8462	Forging, Bending, Shearing, Presses	27	33%
'8463	Other Metal Forming	2	-15%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	786	21%
'8456	Physico-Chemical	101	17%
'8457	Machining centres, Transfer machines	114	37%
'8458	Lathes	117	28%
'8459	Drilling, Boring, Milling, Threading	48	58%
'8460	Grinding and Polishing machines	91	23%
'8461	Other Metal Cutting	48	12%
'8462	Forging, Bending, Shearing, Presses	241	15%
'8463	Other Metal Forming	27	-13%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	103	41%	20%
2	Japan	96	14%	19%
3	Netherlands	88	33%	18%
4	China	53	-36%	11%
5	South Korea	30	30%	6%
6	India	23	41%	5%
7	Taiwan region	19	4%	4%
8	Malaysia	17	36%	3%
9	Germany	14	-21%	3%
10	Vietnam	13	13%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Japan	297	24%	38%
2	China	186	5%	24%
3	Taiwan region	104	23%	13%
4	Germany	37	41%	5%
5	South Korea	37	35%	5%
6	United States of America	30	106%	4%
7	Switzerland	12	229%	1%
8	France	10	32%	1%
9	Vietnam	10	5%	1%
10	Italy	10	-7%	1%

Note: All figures are nominal values in EUR millions.

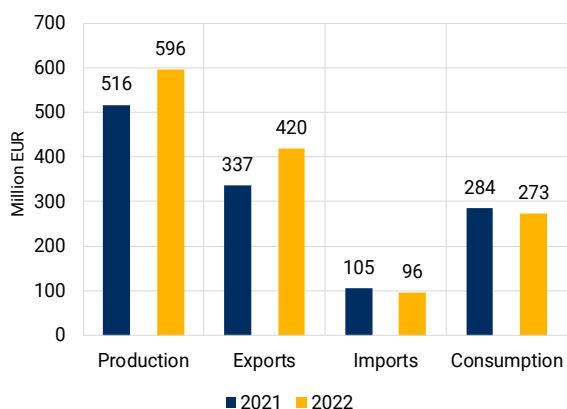
Source: CECIMO, National associations, ITC

Austria

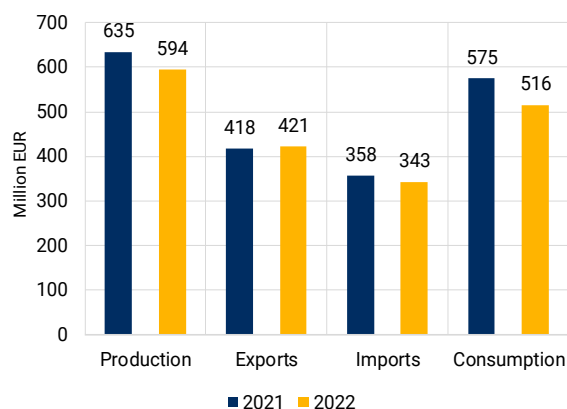
Total MT Production in 2022 = 1.190 Million EUR
YoY = 3,4%

Total MT Consumption in 2022 = 788 Million EUR
YoY = -8,3%

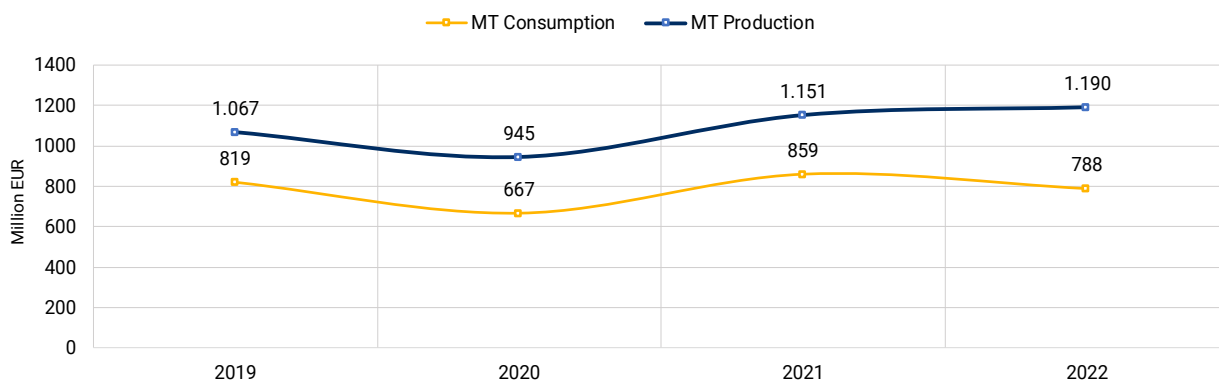
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	841	11%
'8456	Physico-Chemical	115	22%
'8457	Machining centres, Transfer machines	72	19%
'8458	Lathes	132	-3%
'8459	Drilling, Boring, Milling, Threading	31	-41%
'8460	Grinding and Polishing machines	28	22%
'8461	Other Metal Cutting	44	-13%
'8462	Forging, Bending, Shearing, Presses	390	25%
'8463	Other Metal Forming	30	18%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	439	-5%
'8456	Physico-Chemical	61	11%
'8457	Machining centres, Transfer machines	103	-9%
'8458	Lathes	72	29%
'8459	Drilling, Boring, Milling, Threading	43	-26%
'8460	Grinding and Polishing machines	44	-12%
'8461	Other Metal Cutting	20	-20%
'8462	Forging, Bending, Shearing, Presses	73	-23%
'8463	Other Metal Forming	24	109%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	183	39%	22%
2	United States of America	140	19%	17%
3	Italy	72	111%	9%
4	China	61	-45%	7%
5	Switzerland	31	100%	4%
6	France	26	-20%	3%
7	Japan	25	102%	3%
8	Canada	24	48%	3%
9	Hungary	22	71%	3%
10	Poland	22	-11%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	259	-12%	59%
2	China	40	26%	9%
3	Switzerland	32	18%	7%
4	Belgium	21	20%	5%
5	Italy	20	-43%	5%
6	Taiwan region	13	27%	3%
7	Netherlands	8	-7%	2%
8	Türkiye	6	2%	1%
9	Poland	5	32%	1%
10	Czech Republic	5	49%	1%

Note: All figures are nominal values in EUR millions.

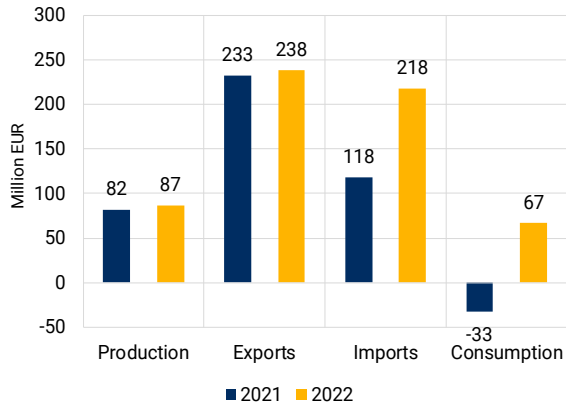
Source: CECIMO, National associations, ITC

United Kingdom

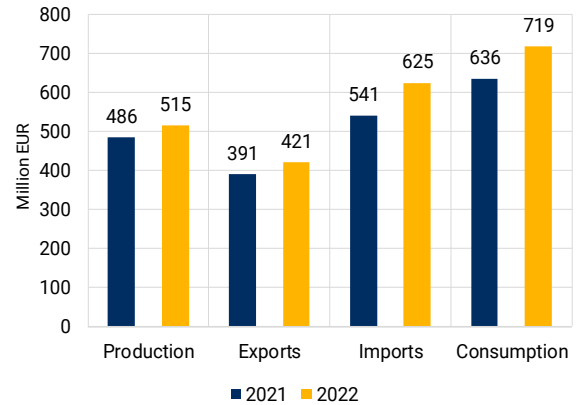
Total MT Production in 2022 = 602 Million EUR
YoY = 5,9%

Total MT Consumption in 2022 = 785 Million EUR
YoY = 30,1%

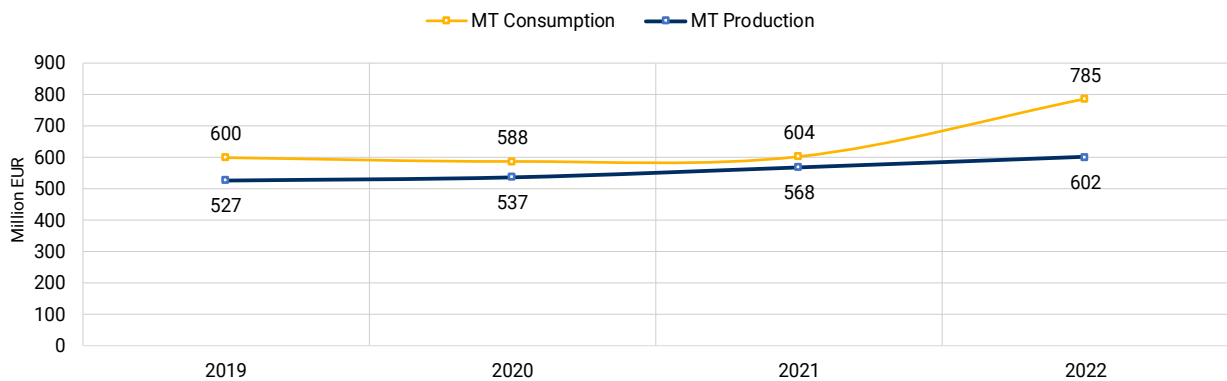
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	659	6%
'8456	Physico-Chemical	71	4%
'8457	Machining centres, Transfer machines	138	4%
'8458	Lathes	100	24%
'8459	Drilling, Boring, Milling, Threading	51	50%
'8460	Grinding and Polishing machines	50	-19%
'8461	Other Metal Cutting	10	-15%
'8462	Forging, Bending, Shearing, Presses	221	2%
'8463	Other Metal Forming	17	8%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	843	28%
'8456	Physico-Chemical	161	-4%
'8457	Machining centres, Transfer machines	136	21%
'8458	Lathes	133	39%
'8459	Drilling, Boring, Milling, Threading	78	1%
'8460	Grinding and Polishing machines	64	93%
'8461	Other Metal Cutting	55	-3%
'8462	Forging, Bending, Shearing, Presses	195	91%
'8463	Other Metal Forming	23	49%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	127	5%	19%
2	Belgium	103	25%	16%
3	Germany	64	42%	10%
4	China	47	24%	7%
5	Ireland	33	33%	5%
6	France	25	-37%	4%
7	India	23	6%	3%
8	Brazil	22	-45%	3%
9	Italy	21	13%	3%
10	Türkiye	18	108%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	144	-4%	17%
2	Japan	122	274%	14%
3	China	79	-3%	9%
4	Italy	65	92%	8%
5	Switzerland	64	46%	8%
6	Taiwan region	63	50%	7%
7	United States of America	57	-1%	7%
8	South Korea	50	41%	6%
9	Spain	23	-11%	3%
10	Türkiye	23	20%	3%

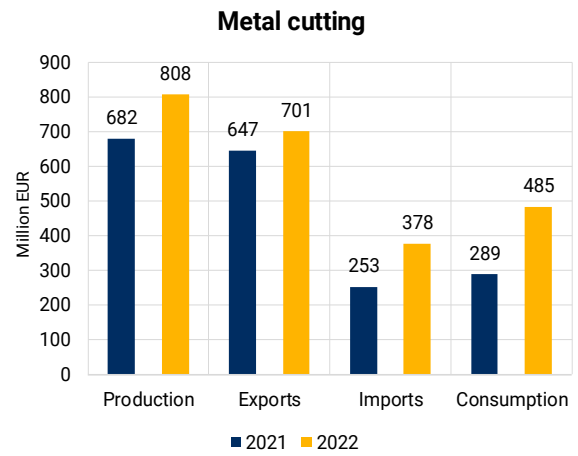
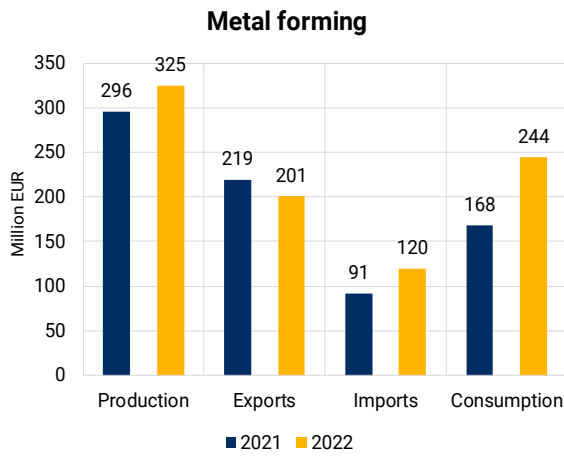
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

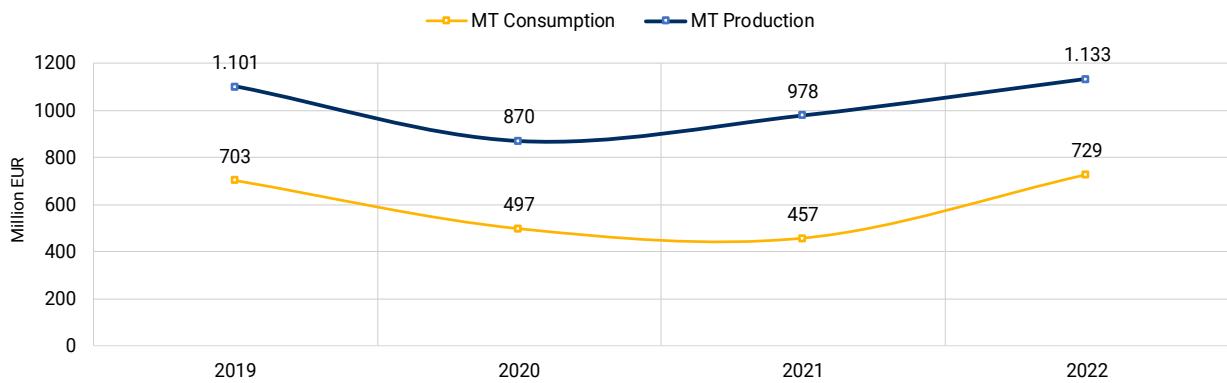
Spain

Total MT Production in 2022 = 1.133 Million EUR
YoY = 15,8%

Total MT Consumption in 2022 = 729 Million EUR
YoY = 59,5%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	902	4%
'8456	Physico-Chemical	126	6%
'8457	Machining centres, Transfer machines	96	-5%
'8458	Lathes	133	-1%
'8459	Drilling, Boring, Milling, Threading	262	23%
'8460	Grinding and Polishing machines	64	-8%
'8461	Other Metal Cutting	20	96%
'8462	Forging, Bending, Shearing, Presses	179	-4%
'8463	Other Metal Forming	21	-32%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	498	44%
'8456	Physico-Chemical	90	29%
'8457	Machining centres, Transfer machines	117	58%
'8458	Lathes	89	47%
'8459	Drilling, Boring, Milling, Threading	36	132%
'8460	Grinding and Polishing machines	22	33%
'8461	Other Metal Cutting	24	43%
'8462	Forging, Bending, Shearing, Presses	105	32%
'8463	Other Metal Forming	14	27%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Italy	132	60%	15%
2	Germany	122	45%	14%
3	United States of America	88	3%	10%
4	France	63	22%	7%
5	China	63	-21%	7%
6	Mexico	52	48%	6%
7	Portugal	50	38%	6%
8	Türkiye	38	-12%	4%
9	United Kingdom	25	5%	3%
10	Poland	19	1%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	111	26%	22%
2	Italy	84	30%	17%
3	China	49	36%	10%
4	Japan	34	98%	7%
5	France	32	81%	6%
6	Taiwan region	29	96%	6%
7	Türkiye	20	27%	4%
8	Netherlands	19	266%	4%
9	United States of America	18	83%	4%
10	South Korea	16	33%	3%

Note: All figures are nominal values in EUR millions.

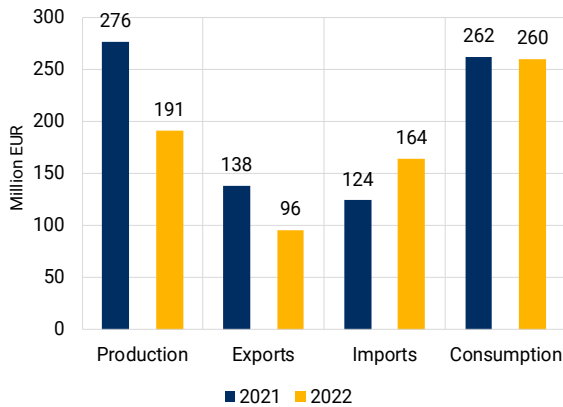
Source: CECIMO, National associations, ITC

Malaysia

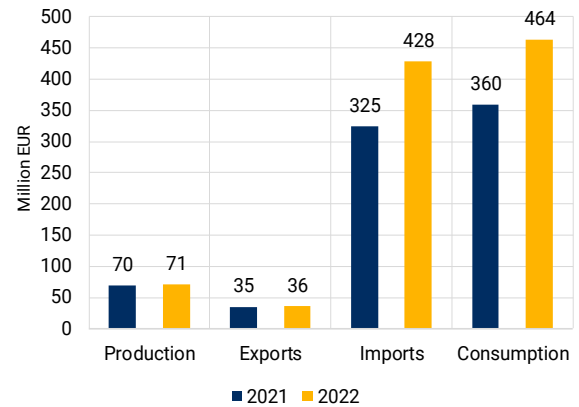
Total MT Production in 2022 = 262 Million EUR
YoY = -24,1%

Total MT Consumption in 2022 = 724 Million EUR
YoY = 16,4%

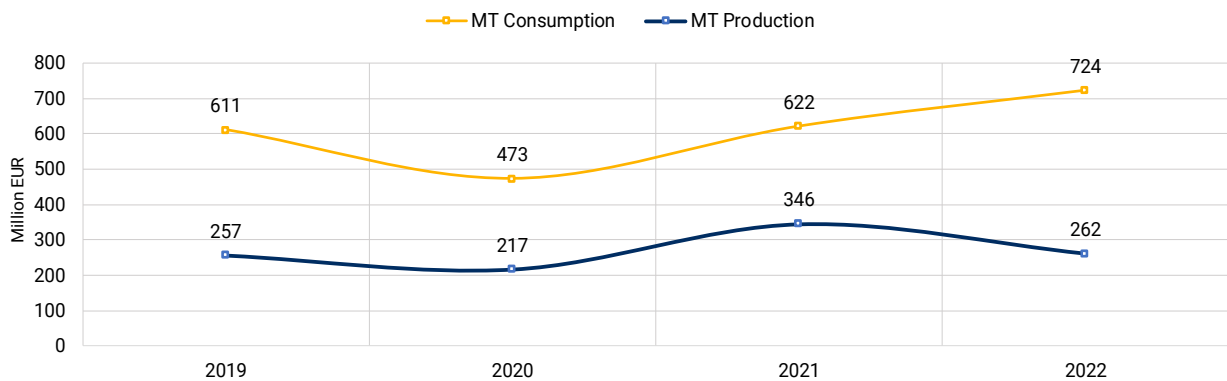
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	131	-24%
'8456	Physico-Chemical	10	-12%
'8457	Machining centres, Transfer machines	3	-37%
'8458	Lathes	3	-35%
'8459	Drilling, Boring, Milling, Threading	5	46%
'8460	Grinding and Polishing machines	11	59%
'8461	Other Metal Cutting	3	23%
'8462	Forging, Bending, Shearing, Presses	93	-31%
'8463	Other Metal Forming	3	8%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	593	32%
'8456	Physico-Chemical	116	46%
'8457	Machining centres, Transfer machines	140	44%
'8458	Lathes	75	35%
'8459	Drilling, Boring, Milling, Threading	39	17%
'8460	Grinding and Polishing machines	43	19%
'8461	Other Metal Cutting	17	-31%
'8462	Forging, Bending, Shearing, Presses	132	28%
'8463	Other Metal Forming	32	52%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Thailand	26	49%	20%
2	China	20	-65%	15%
3	United States of America	19	28%	15%
4	Singapore	14	0%	10%
5	India	11	135%	8%
6	Taiwan region	8	-74%	6%
7	Mexico	6	456%	5%
8	Indonesia	5	108%	4%
9	Philippines	4	-25%	3%
10	Japan	3	18%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	193	38%	33%
2	Japan	111	15%	19%
3	Taiwan region	100	54%	17%
4	Germany	48	59%	8%
5	South Korea	31	30%	5%
6	Singapore	23	24%	4%
7	Thailand	20	16%	3%
8	United States of America	19	-20%	3%
9	Switzerland	7	107%	1%
10	Italy	5	-22%	1%

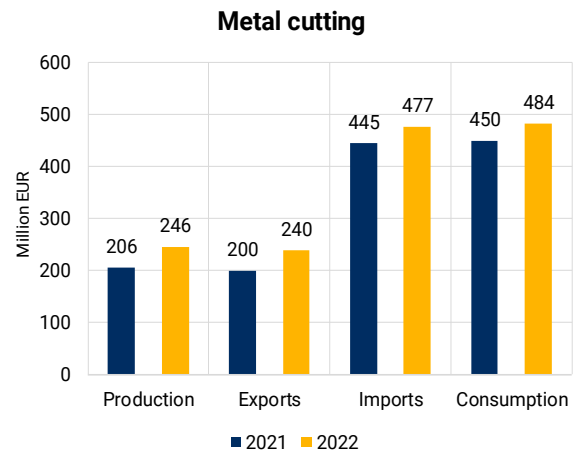
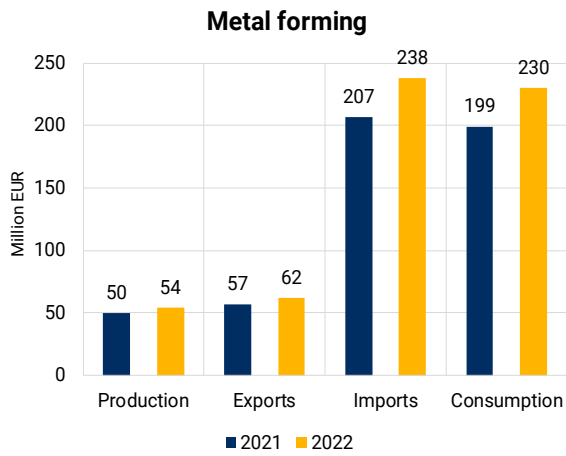
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

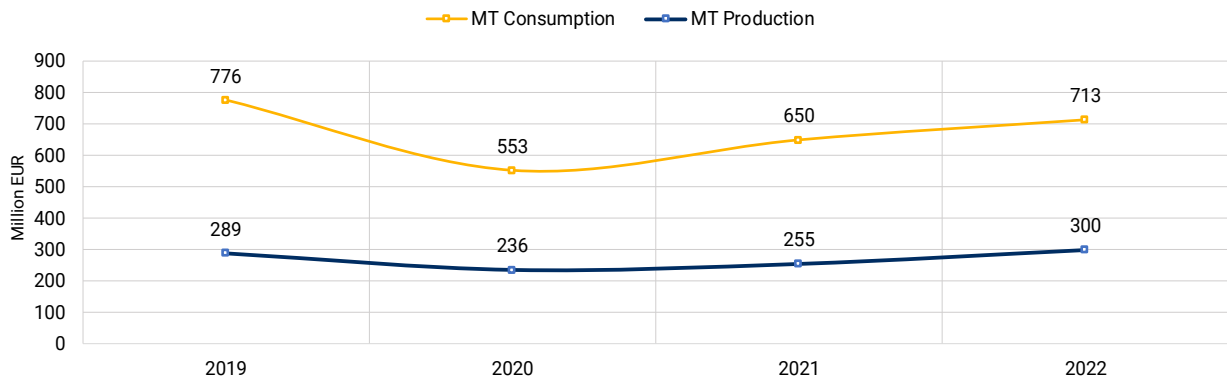
Poland

Total MT Production in 2022 = 300 Million EUR
YoY = 17,4%

Total MT Consumption in 2022 = 713 Million EUR
YoY = 9,8%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	301	17%
'8456	Physico-Chemical	64	63%
'8457	Machining centres, Transfer machines	58	15%
'8458	Lathes	51	13%
'8459	Drilling, Boring, Milling, Threading	44	13%
'8460	Grinding and Polishing machines	16	-18%
'8461	Other Metal Cutting	6	-10%
'8462	Forging, Bending, Shearing, Presses	51	11%
'8463	Other Metal Forming	10	-4%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	715	10%
'8456	Physico-Chemical	133	18%
'8457	Machining centres, Transfer machines	117	-10%
'8458	Lathes	110	29%
'8459	Drilling, Boring, Milling, Threading	43	5%
'8460	Grinding and Polishing machines	38	-15%
'8461	Other Metal Cutting	36	14%
'8462	Forging, Bending, Shearing, Presses	210	20%
'8463	Other Metal Forming	27	-14%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	62	29%	21%
2	United States of America	33	68%	11%
3	Italy	17	116%	6%
4	Türkiye	16	2%	5%
5	Russian Federation	14	-63%	5%
6	France	14	35%	4%
7	Czech Republic	10	27%	3%
8	Romania	9	53%	3%
9	Ukraine	7	-16%	2%
10	Netherlands	7	126%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	233	15%	33%
2	Italy	107	4%	15%
3	China	85	7%	12%
4	Belgium	61	6%	8%
5	Türkiye	30	7%	4%
6	Taiwan region	30	62%	4%
7	Austria	24	74%	3%
8	Netherlands	21	44%	3%
9	United States of America	21	182%	3%
10	Spain	18	40%	2%

Note: All figures are nominal values in EUR millions.

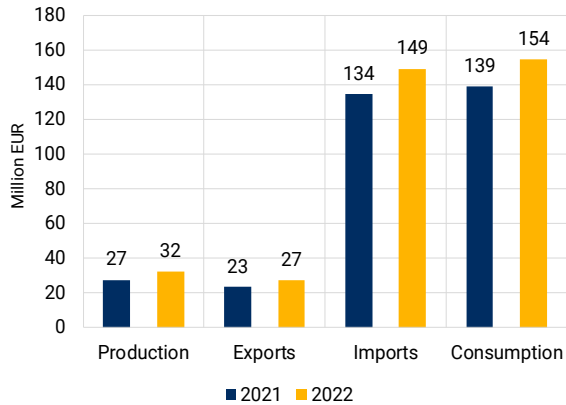
Source: CECIMO, National associations, ITC

Australia

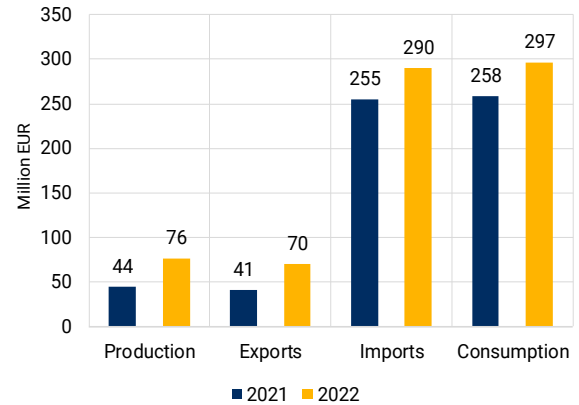
Total MT Production in 2022 = 108 Million EUR
YoY = 50,7%

Total MT Consumption in 2022 = 451 Million EUR
YoY = 13,5%

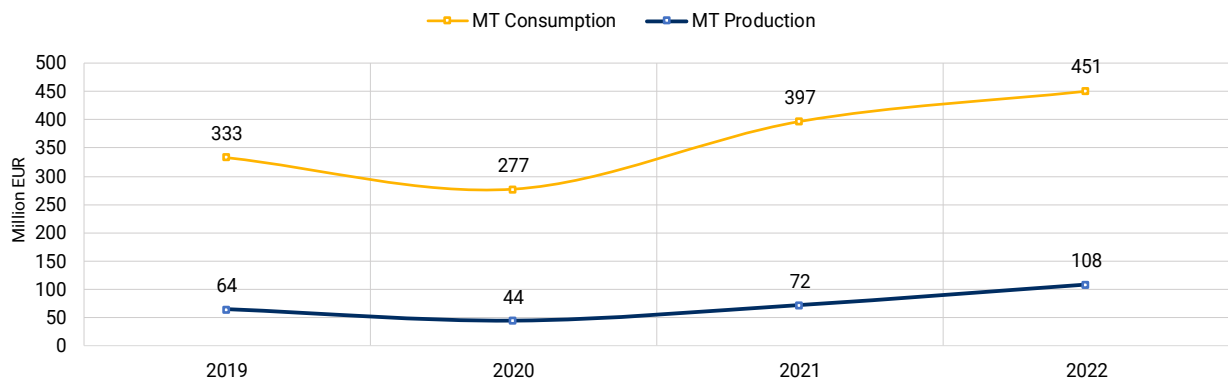
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	97	52%
'8456	Physico-Chemical	4	36%
'8457	Machining centres, Transfer machines	1	-25%
'8458	Lathes	3	66%
'8459	Drilling, Boring, Milling, Threading	5	95%
'8460	Grinding and Polishing machines	51	73%
'8461	Other Metal Cutting	6	137%
'8462	Forging, Bending, Shearing, Presses	21	12%
'8463	Other Metal Forming	6	35%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	439	13%
'8456	Physico-Chemical	102	15%
'8457	Machining centres, Transfer machines	48	23%
'8458	Lathes	54	11%
'8459	Drilling, Boring, Milling, Threading	33	20%
'8460	Grinding and Polishing machines	21	-2%
'8461	Other Metal Cutting	33	9%
'8462	Forging, Bending, Shearing, Presses	135	15%
'8463	Other Metal Forming	15	-16%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	29	95%	30%
2	China	14	4%	15%
3	New Zealand	10	23%	11%
4	Germany	8	106%	8%
5	South Korea	7	28%	7%
6	Japan	4	248%	4%
7	Papua New Guinea	3	157%	3%
8	Israel	3	9685%	3%
9	Thailand	2	272%	2%
10	India	2	222%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	105	15%	24%
2	Japan	49	10%	11%
3	Italy	43	23%	10%
4	Germany	41	-17%	9%
5	United States of America	38	35%	9%
6	Taiwan region	38	1%	9%
7	South Korea	19	51%	4%
8	New Zealand	19	9%	4%
9	United Kingdom	12	45%	3%
10	Türkiye	10	12%	2%

Note: All figures are nominal values in EUR millions.

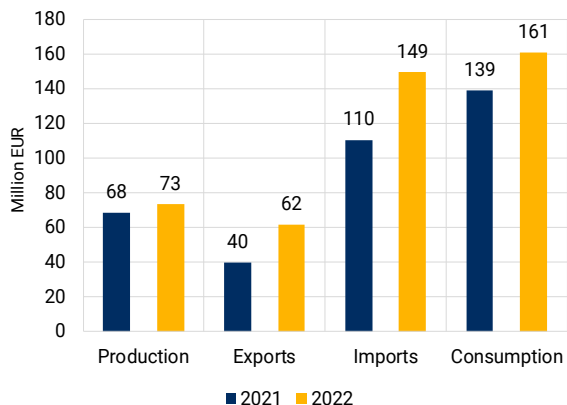
Source: CECIMO, National associations, ITC

Czech Republic

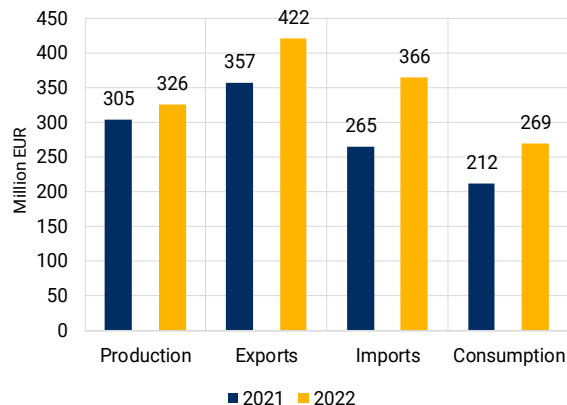
Total MT Production in 2022 = 399 Million EUR
YoY = 7,0%

Total MT Consumption in 2022 = 430 Million EUR
YoY = 22,5%

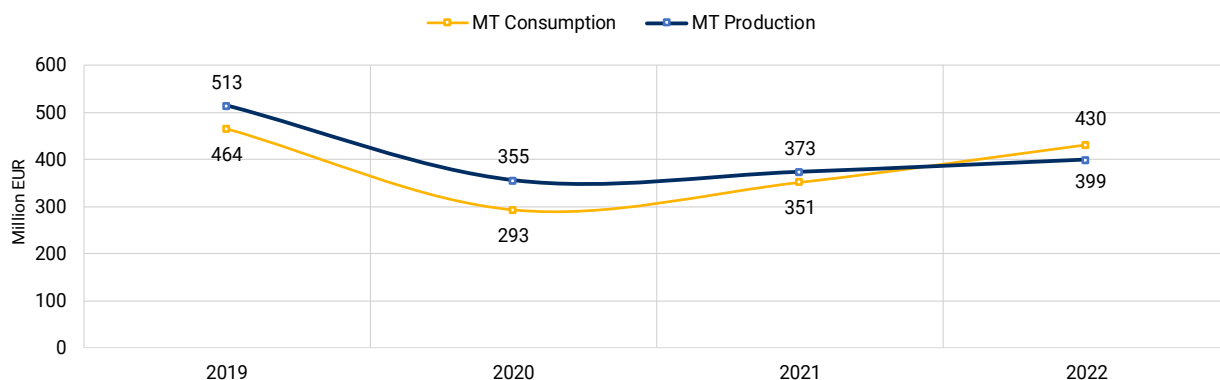
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	484	22%
'8456	Physico-Chemical	29	-15%
'8457	Machining centres, Transfer machines	76	64%
'8458	Lathes	59	25%
'8459	Drilling, Boring, Milling, Threading	76	3%
'8460	Grinding and Polishing machines	146	17%
'8461	Other Metal Cutting	36	14%
'8462	Forging, Bending, Shearing, Presses	59	56%
'8463	Other Metal Forming	3	35%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	515	37%
'8456	Physico-Chemical	85	28%
'8457	Machining centres, Transfer machines	105	55%
'8458	Lathes	93	38%
'8459	Drilling, Boring, Milling, Threading	30	37%
'8460	Grinding and Polishing machines	36	41%
'8461	Other Metal Cutting	17	3%
'8462	Forging, Bending, Shearing, Presses	130	45%
'8463	Other Metal Forming	19	-7%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	98	0%	20%
2	China	49	19%	10%
3	United States of America	41	124%	8%
4	Slovakia	30	14%	6%
5	Italy	25	46%	5%
6	Poland	25	19%	5%
7	India	16	58%	3%
8	Türkiye	16	155%	3%
9	Hungary	13	34%	3%
10	United Kingdom	12	191%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	207	22%	40%
2	Italy	55	80%	11%
3	China	27	26%	5%
4	Belgium	27	52%	5%
5	Switzerland	25	92%	5%
6	Austria	25	34%	5%
7	Taiwan region	20	125%	4%
8	Japan	16	89%	3%
9	Netherlands	14	105%	3%
10	Poland	13	2%	3%

Note: All figures are nominal values in EUR millions.

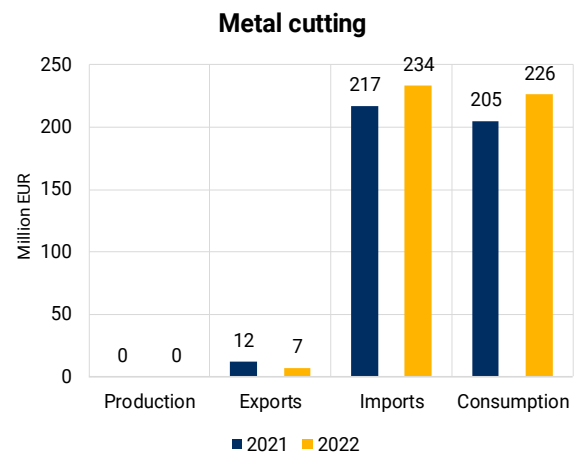
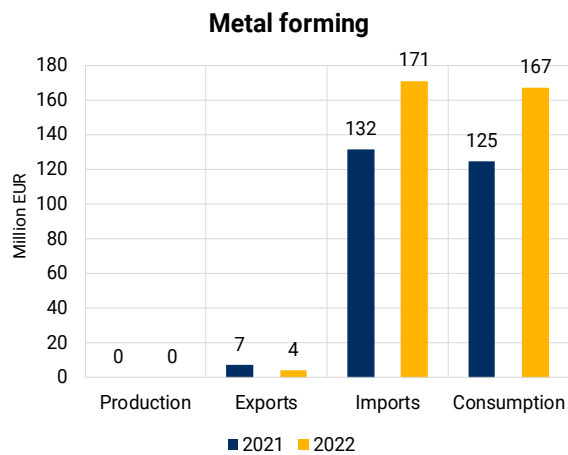
Source: CECIMO, National associations, ITC

Indonesia

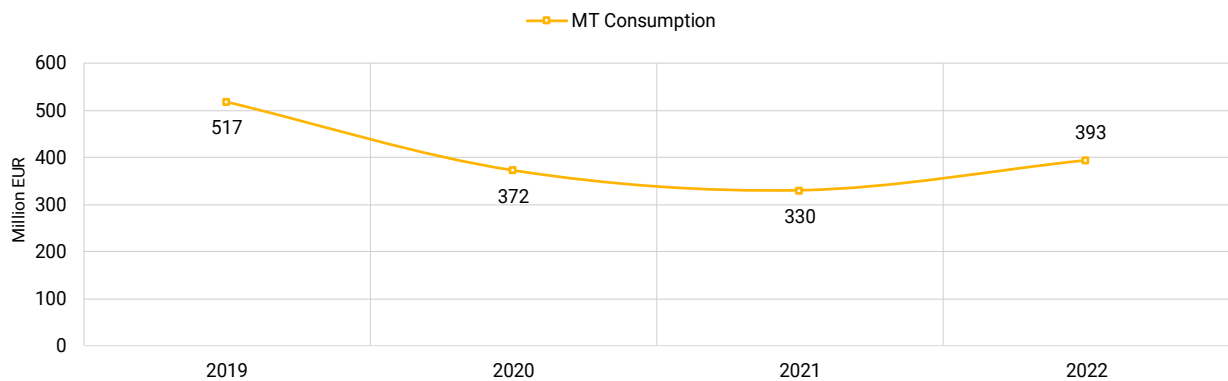
Total MT Production in 2022 = 0 Million EUR

Total MT Consumption in 2022 = 393 Million EUR

YoY = 19,4%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	11	-43%
'8456	Physico-Chemical	2	-6%
'8457	Machining centres, Transfer machines	2	63%
'8458	Lathes	0	-60%
'8459	Drilling, Boring, Milling, Threading	1	19%
'8460	Grinding and Polishing machines	1	-70%
'8461	Other Metal Cutting	1	-64%
'8462	Forging, Bending, Shearing, Presses	3	-46%
'8463	Other Metal Forming	1	-21%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	404	16%
'8456	Physico-Chemical	41	36%
'8457	Machining centres, Transfer machines	62	26%
'8458	Lathes	48	23%
'8459	Drilling, Boring, Milling, Threading	34	19%
'8460	Grinding and Polishing machines	26	-49%
'8461	Other Metal Cutting	22	13%
'8462	Forging, Bending, Shearing, Presses	123	25%
'8463	Other Metal Forming	48	43%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Japan	2	13%	18%
2	Singapore	2	-60%	17%
3	Malaysia	1	240%	13%
4	United States of America	1	114%	13%
5	Myanmar	1	74400%	7%
6	China	0	-72%	4%
7	South Korea	0	85%	4%
8	Philippines	0	40%	3%
9	Thailand	0	-83%	3%
10	India	0	-68%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	156	69%	39%
2	Japan	101	-16%	25%
3	Taiwan region	39	23%	10%
4	Singapore	20	19%	5%
5	South Korea	19	-45%	5%
6	Germany	13	-13%	3%
7	Italy	12	249%	3%
8	Malaysia	9	180%	2%
9	Thailand	6	-3%	2%
10	Hong Kong, China	6	1250%	1%

Note: All figures are nominal values in EUR millions.

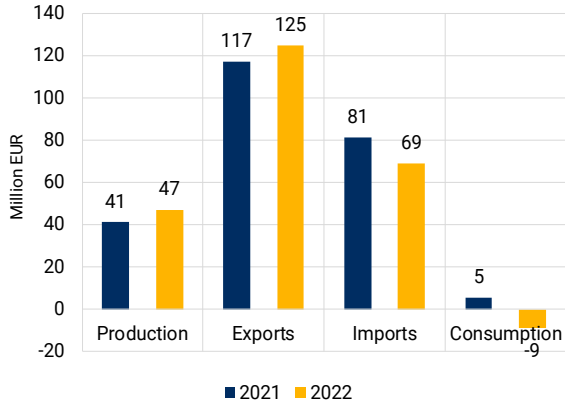
Source: CECIMO, National associations, ITC

Netherlands

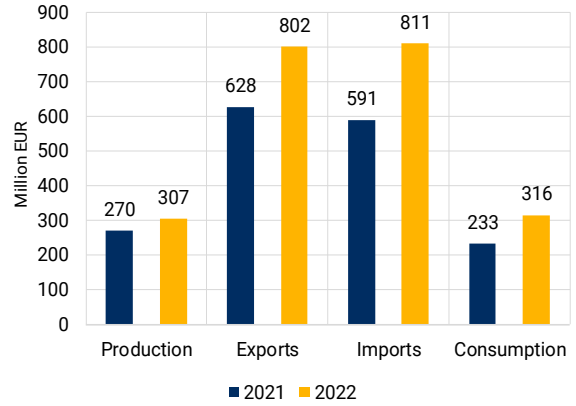
Total MT Production in 2022 = 354 Million EUR
YoY = 13,6%

Total MT Consumption in 2022 = 307 Million EUR
YoY = 28,7%

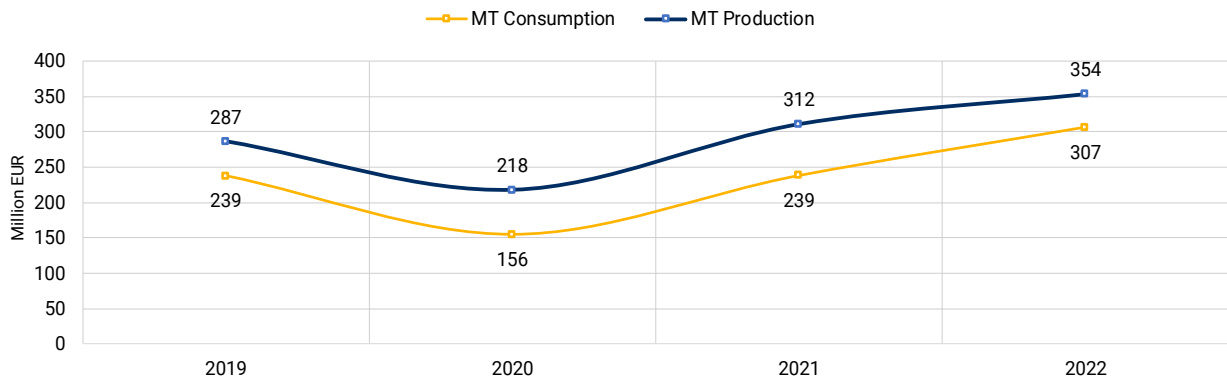
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	927	24%
'8456	Physico-Chemical	220	25%
'8457	Machining centres, Transfer machines	211	9%
'8458	Lathes	236	55%
'8459	Drilling, Boring, Milling, Threading	64	35%
'8460	Grinding and Polishing machines	49	51%
'8461	Other Metal Cutting	22	-16%
'8462	Forging, Bending, Shearing, Presses	107	0%
'8463	Other Metal Forming	18	78%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	880	31%
'8456	Physico-Chemical	192	53%
'8457	Machining centres, Transfer machines	232	56%
'8458	Lathes	258	27%
'8459	Drilling, Boring, Milling, Threading	72	5%
'8460	Grinding and Polishing machines	36	43%
'8461	Other Metal Cutting	22	3%
'8462	Forging, Bending, Shearing, Presses	63	-13%
'8463	Other Metal Forming	6	-35%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	316	32%	34%
2	France	83	74%	9%
3	United States of America	81	-7%	9%
4	Italy	73	16%	8%
5	Belgium	47	26%	5%
6	Czech Republic	33	108%	4%
7	Poland	33	23%	4%
8	United Kingdom	22	8%	2%
9	Spain	22	25%	2%
10	Austria	18	2%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	185	34%	21%
2	Japan	181	32%	21%
3	Taiwan region	117	48%	13%
4	China	82	34%	9%
5	Thailand	62	20%	7%
6	United States of America	40	14%	5%
7	United Kingdom	38	43%	4%
8	Belgium	24	65%	3%
9	Italy	24	4%	3%
10	South Korea	18	115%	2%

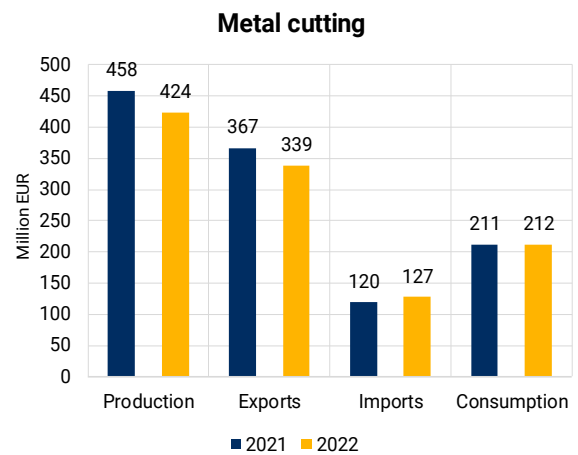
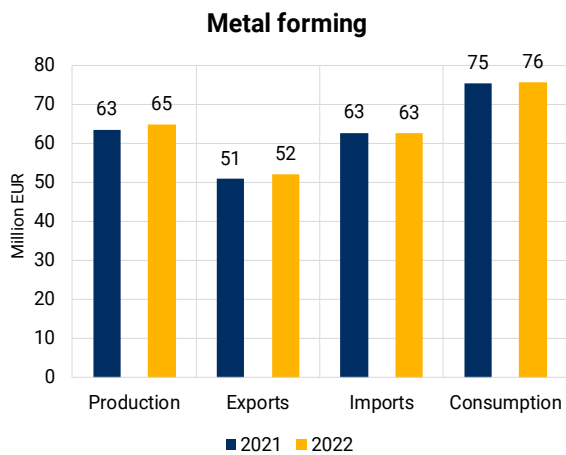
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

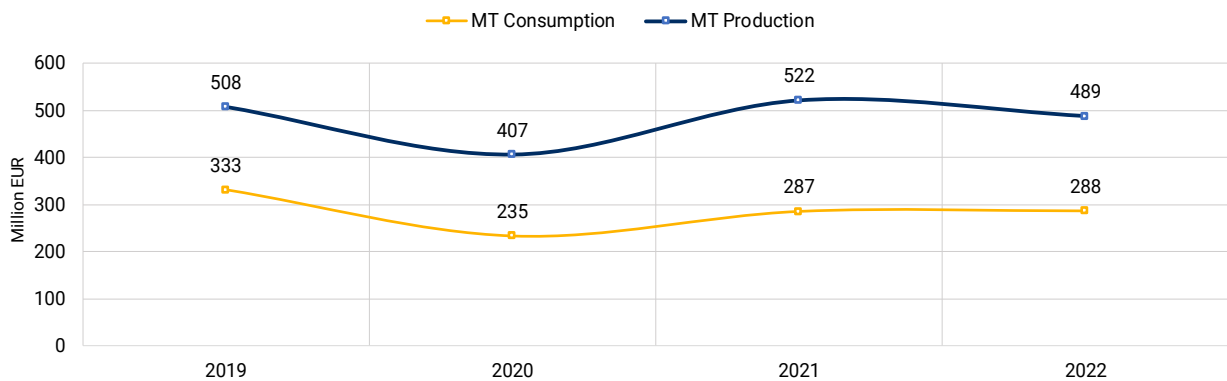
Singapore

Total MT Production in 2022 = 489 Million EUR
YoY = -6,4%

Total MT Consumption in 2022 = 288 Million EUR
YoY = 0,4%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	391	-6%
'8456	Physico-Chemical	139	-31%
'8457	Machining centres, Transfer machines	112	10%
'8458	Lathes	56	52%
'8459	Drilling, Boring, Milling, Threading	9	-2%
'8460	Grinding and Polishing machines	16	28%
'8461	Other Metal Cutting	7	71%
'8462	Forging, Bending, Shearing, Presses	40	-10%
'8463	Other Metal Forming	12	88%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	190	4%
'8456	Physico-Chemical	46	34%
'8457	Machining centres, Transfer machines	33	-11%
'8458	Lathes	13	-19%
'8459	Drilling, Boring, Milling, Threading	11	-21%
'8460	Grinding and Polishing machines	12	8%
'8461	Other Metal Cutting	12	84%
'8462	Forging, Bending, Shearing, Presses	55	-5%
'8463	Other Metal Forming	7	72%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	China	105	-27%	27%
2	United States of America	49	30%	13%
3	Indonesia	39	49%	10%
4	Malaysia	37	18%	9%
5	India	21	-4%	5%
6	Vietnam	16	-1%	4%
7	Belgium	16	132%	4%
8	Germany	14	103%	4%
9	Japan	13	39%	3%
10	Thailand	12	11%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Malaysia	36	9%	19%
2	Japan	35	-4%	18%
3	China	31	24%	16%
4	Taiwan region	20	42%	10%
5	United States of America	15	14%	8%
6	Germany	13	-3%	7%
7	South Korea	9	0%	5%
8	Italy	7	16%	4%
9	United Kingdom	5	36%	2%
10	Thailand	4	-12%	2%

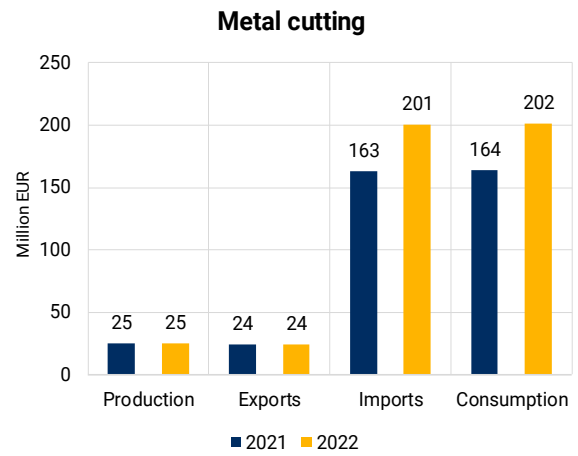
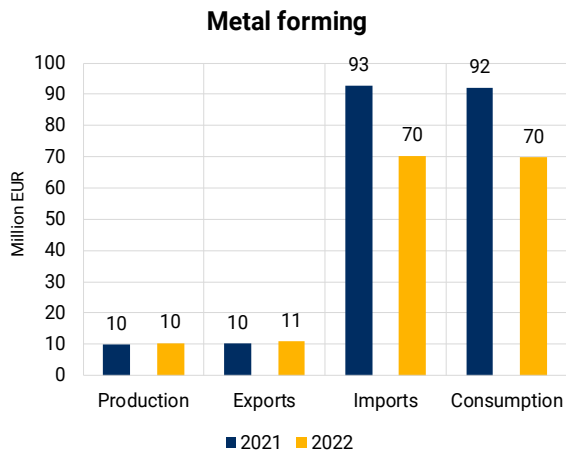
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

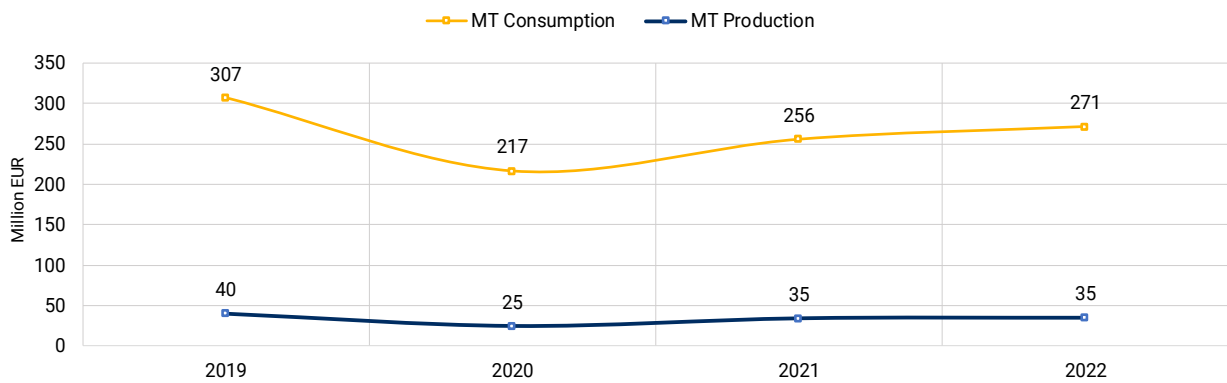
Hungary

Total MT Production in 2022 = 35 Million EUR
YoY = 2,0%

Total MT Consumption in 2022 = 271 Million EUR
YoY = 6,1%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	35	2%
'8456	Physico-Chemical	7	17%
'8457	Machining centres, Transfer machines	8	36%
'8458	Lathes	4	-20%
'8459	Drilling, Boring, Milling, Threading	3	-49%
'8460	Grinding and Polishing machines	0	-38%
'8461	Other Metal Cutting	1	126%
'8462	Forging, Bending, Shearing, Presses	8	-22%
'8463	Other Metal Forming	3	511%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	271	6%
'8456	Physico-Chemical	46	7%
'8457	Machining centres, Transfer machines	74	39%
'8458	Lathes	39	67%
'8459	Drilling, Boring, Milling, Threading	16	-15%
'8460	Grinding and Polishing machines	19	21%
'8461	Other Metal Cutting	7	-23%
'8462	Forging, Bending, Shearing, Presses	64	-27%
'8463	Other Metal Forming	6	39%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	7	33%	20%
2	Türkiye	4	133%	12%
3	Romania	4	99%	11%
4	Serbia	4	17%	11%
5	France	2	18%	6%
6	Austria	1	280%	3%
7	China	1	-24%	3%
8	Switzerland	1	1166%	3%
9	Bosnia and Herzegovina	1	1653%	3%
10	Bulgaria	1	-20%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	117	44%	43%
2	China	30	-20%	11%
3	Türkiye	19	58%	7%
4	Italy	10	-54%	4%
5	Austria	9	-2%	3%
6	Taiwan region	9	8%	3%
7	Czech Republic	9	57%	3%
8	Belgium	8	69%	3%
9	Slovakia	7	91%	3%
10	South Korea	7	-41%	3%

Note: All figures are nominal values in EUR millions.

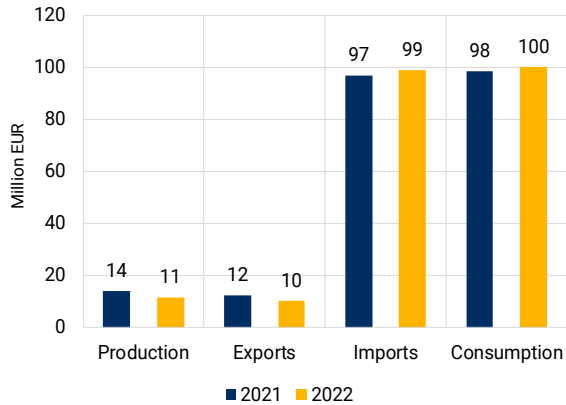
Source: CECIMO, National associations, ITC

Romania

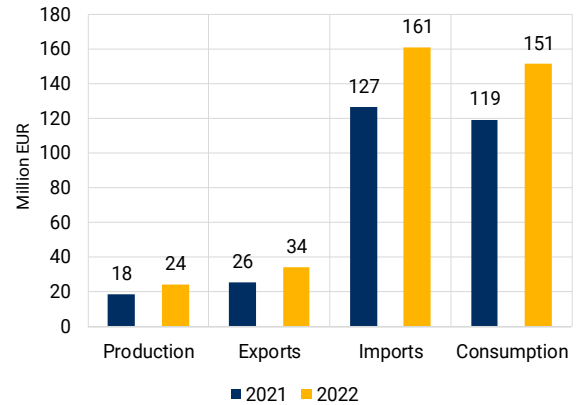
Total MT Production in 2022 = 36 Million EUR
YoY = 11,7%

Total MT Consumption in 2022 = 251 Million EUR
YoY = 15,4%

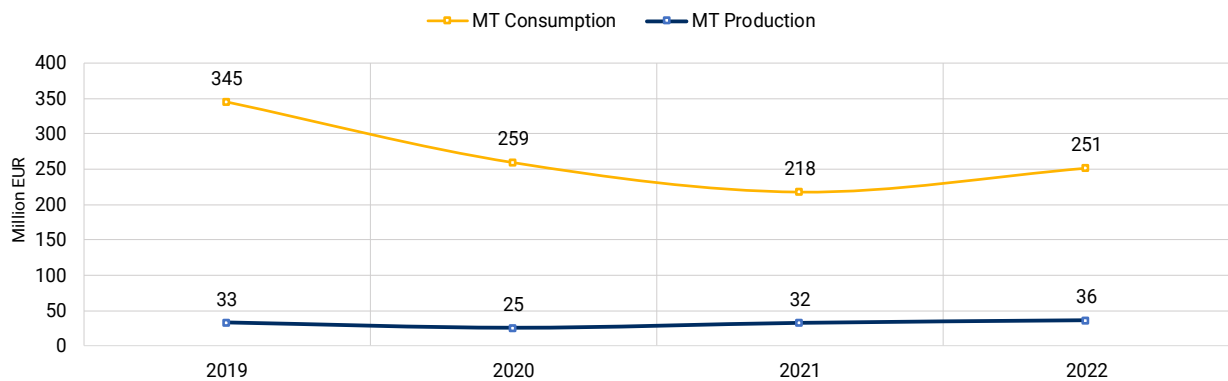
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	44	16%
'8456	Physico-Chemical	4	-5%
'8457	Machining centres, Transfer machines	9	181%
'8458	Lathes	9	4%
'8459	Drilling, Boring, Milling, Threading	5	21%
'8460	Grinding and Polishing machines	4	24%
'8461	Other Metal Cutting	3	48%
'8462	Forging, Bending, Shearing, Presses	10	-14%
'8463	Other Metal Forming	1	-54%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	260	16%
'8456	Physico-Chemical	41	15%
'8457	Machining centres, Transfer machines	31	18%
'8458	Lathes	36	56%
'8459	Drilling, Boring, Milling, Threading	19	31%
'8460	Grinding and Polishing machines	19	22%
'8461	Other Metal Cutting	14	30%
'8462	Forging, Bending, Shearing, Presses	82	3%
'8463	Other Metal Forming	17	-3%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	India	6	37%	14%
2	Spain	5	484%	12%
3	Hungary	4	181%	9%
4	Germany	4	-34%	9%
5	Türkiye	4	25%	8%
6	Netherlands	2	7%	4%
7	Italy	2	-28%	4%
8	Bulgaria	2	-27%	4%
9	China	2	205%	3%
10	France	1	122%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	76	25%	29%
2	Italy	50	5%	19%
3	China	21	-12%	8%
4	Türkiye	14	26%	5%
5	Netherlands	11	31%	4%
6	Poland	11	55%	4%
7	Spain	10	339%	4%
8	Austria	8	39%	3%
9	South Korea	8	19%	3%
10	Belgium	8	28%	3%

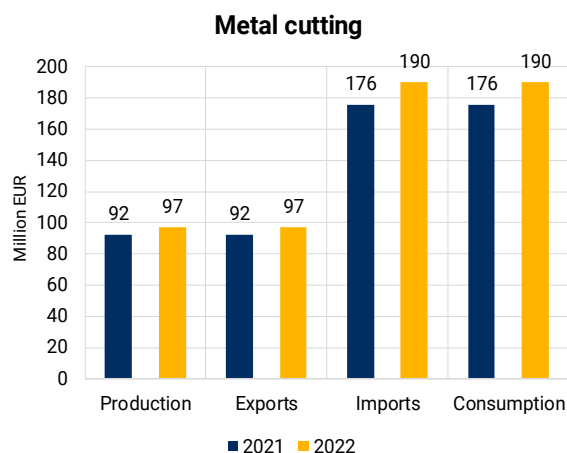
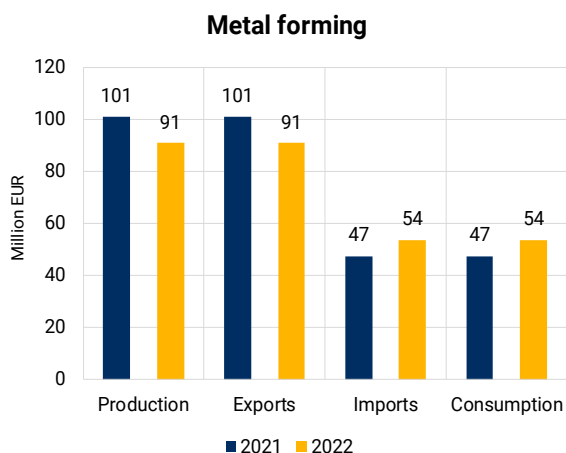
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

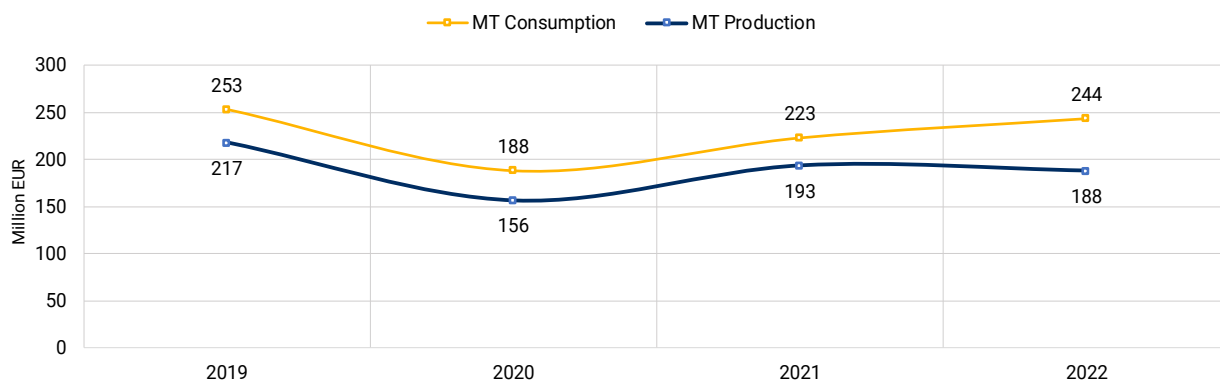
Sweden

Total MT Production in 2022 = 188 Million EUR
YoY = -2,8%

Total MT Consumption in 2022 = 244 Million EUR
YoY = 9,2%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	188	-3%
'8456	Physico-Chemical	15	26%
'8457	Machining centres, Transfer machines	29	45%
'8458	Lathes	3	-9%
'8459	Drilling, Boring, Milling, Threading	7	-56%
'8460	Grinding and Polishing machines	40	9%
'8461	Other Metal Cutting	2	-37%
'8462	Forging, Bending, Shearing, Presses	74	-12%
'8463	Other Metal Forming	17	-1%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	244	9%
'8456	Physico-Chemical	40	43%
'8457	Machining centres, Transfer machines	50	7%
'8458	Lathes	58	30%
'8459	Drilling, Boring, Milling, Threading	15	-10%
'8460	Grinding and Polishing machines	18	-33%
'8461	Other Metal Cutting	9	-28%
'8462	Forging, Bending, Shearing, Presses	48	10%
'8463	Other Metal Forming	5	49%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	64	19%	34%
2	China	21	-13%	11%
3	Germany	21	-33%	11%
4	Norway	8	-26%	4%
5	Denmark	7	141%	4%
6	United Kingdom	7	59%	4%
7	Poland	6	64%	3%
8	Türkiye	6	-18%	3%
9	Mexico	4	577%	2%
10	Czech Republic	4	167%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	88	27%	36%
2	Japan	31	22%	13%
3	Italy	26	49%	11%
4	China	13	25%	5%
5	France	12	8%	5%
6	Belgium	11	3%	4%
7	United Kingdom	8	2%	3%
8	Taiwan region	7	62%	3%
9	Netherlands	6	24%	2%
10	Switzerland	6	-42%	2%

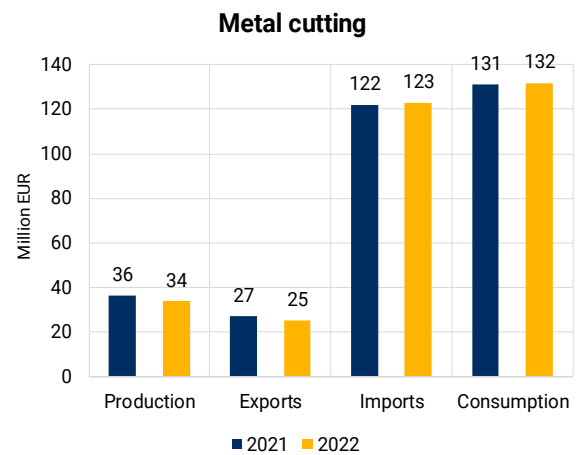
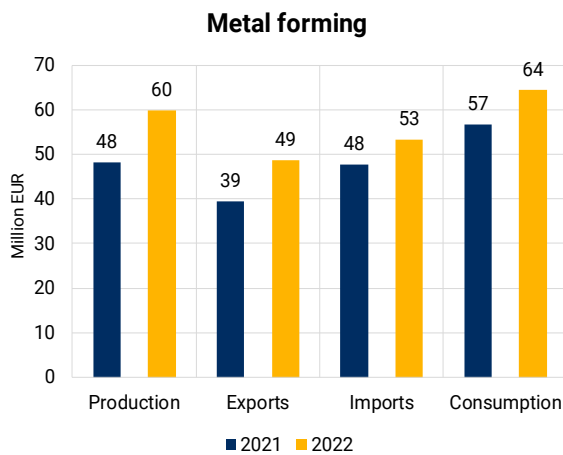
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

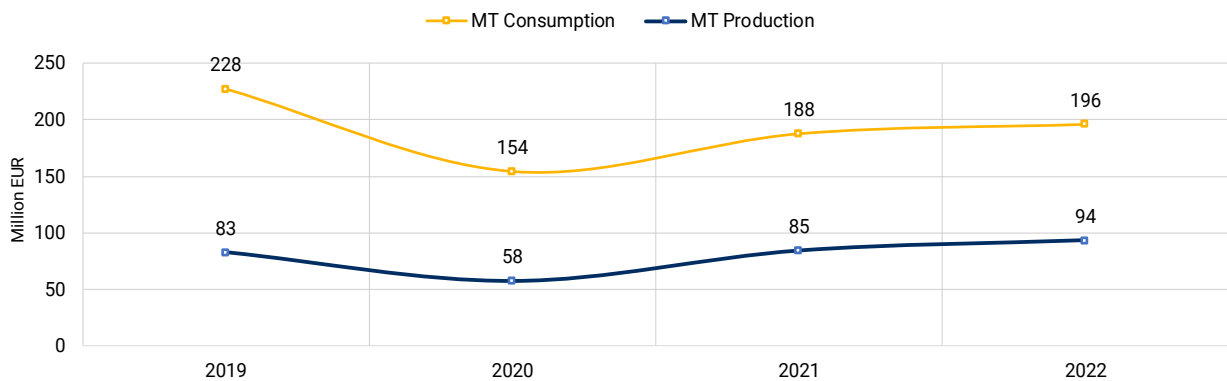
Portugal

Total MT Production in 2022 = 94 Million EUR
YoY = 10,6%

Total MT Consumption in 2022 = 196 Million EUR
YoY = 4,4%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	74	11%
'8456	Physico-Chemical	4	-2%
'8457	Machining centres, Transfer machines	5	-28%
'8458	Lathes	1	-30%
'8459	Drilling, Boring, Milling, Threading	7	-14%
'8460	Grinding and Polishing machines	5	27%
'8461	Other Metal Cutting	2	35%
'8462	Forging, Bending, Shearing, Presses	47	22%
'8463	Other Metal Forming	1	80%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	176	4%
'8456	Physico-Chemical	31	14%
'8457	Machining centres, Transfer machines	40	34%
'8458	Lathes	15	-51%
'8459	Drilling, Boring, Milling, Threading	11	-12%
'8460	Grinding and Polishing machines	18	48%
'8461	Other Metal Cutting	8	-12%
'8462	Forging, Bending, Shearing, Presses	45	30%
'8463	Other Metal Forming	9	-37%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Spain	11	9%	15%
2	United States of America	8	-8%	10%
3	Italy	6	151%	8%
4	Angola	4	128%	6%
5	Poland	4	37%	6%
6	United Kingdom	4	3%	6%
7	Germany	4	22%	6%
8	France	3	-16%	4%
9	Russian Federation	2	83%	3%
10	Netherlands	2	112%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Spain	34	30%	19%
2	Italy	30	8%	17%
3	Germany	29	-8%	17%
4	China	18	14%	10%
5	Türkiye	10	14%	5%
6	Switzerland	8	-48%	5%
7	France	8	-38%	4%
8	South Korea	8	49%	4%
9	Japan	5	31%	3%
10	Taiwan region	4	17%	2%

Note: All figures are nominal values in EUR millions.

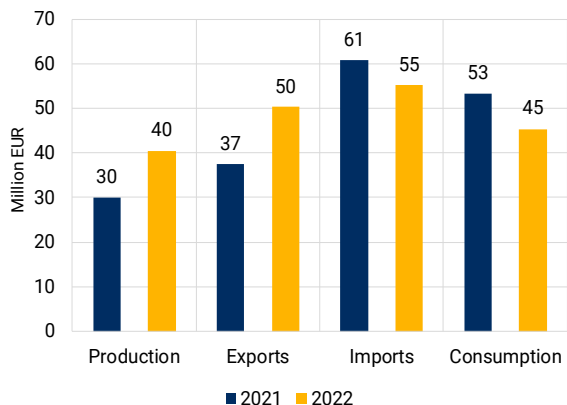
Source: CECIMO, National associations, ITC

Slovakia

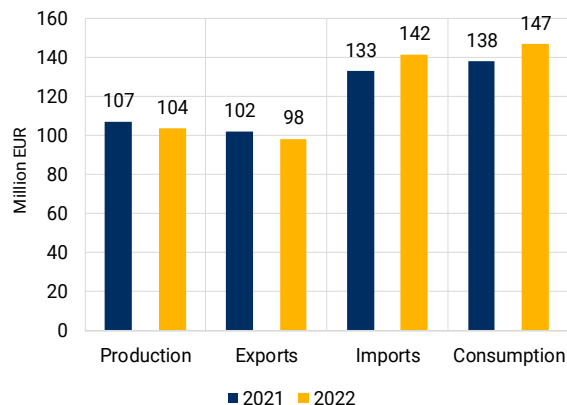
Total MT Production in 2022 = 144 Million EUR
YoY = 4,9%

Total MT Consumption in 2022 = 192 Million EUR
YoY = 0,4%

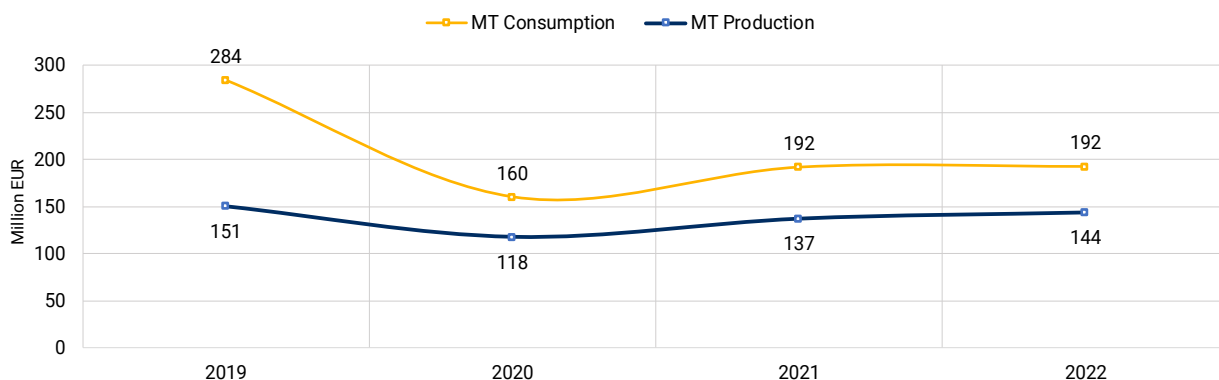
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	149	6%
'8456	Physico-Chemical	50	-18%
'8457	Machining centres, Transfer machines	6	-37%
'8458	Lathes	24	9%
'8459	Drilling, Boring, Milling, Threading	6	62%
'8460	Grinding and Polishing machines	8	136%
'8461	Other Metal Cutting	4	82%
'8462	Forging, Bending, Shearing, Presses	48	39%
'8463	Other Metal Forming	2	-23%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	197	2%
'8456	Physico-Chemical	42	34%
'8457	Machining centres, Transfer machines	41	-14%
'8458	Lathes	28	32%
'8459	Drilling, Boring, Milling, Threading	15	15%
'8460	Grinding and Polishing machines	9	-15%
'8461	Other Metal Cutting	7	-26%
'8462	Forging, Bending, Shearing, Presses	49	-3%
'8463	Other Metal Forming	6	-39%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	38	26%	26%
2	Hungary	16	23%	11%
3	Belgium	11	43%	8%
4	Czech Republic	10	-22%	7%
5	France	8	10%	5%
6	United States of America	7	12%	5%
7	China	6	36%	4%
8	Italy	5	-45%	3%
9	Poland	5	-23%	3%
10	India	4	422%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	69	-15%	35%
2	Czech Republic	27	-21%	14%
3	Italy	18	-35%	9%
4	South Korea	15	108%	8%
5	Austria	15	134%	8%
6	Belgium	14	119%	7%
7	Netherlands	9	104%	4%
8	China	6	4%	3%
9	Türkiye	4	90%	2%
10	Poland	3	13%	2%

Note: All figures are nominal values in EUR millions.

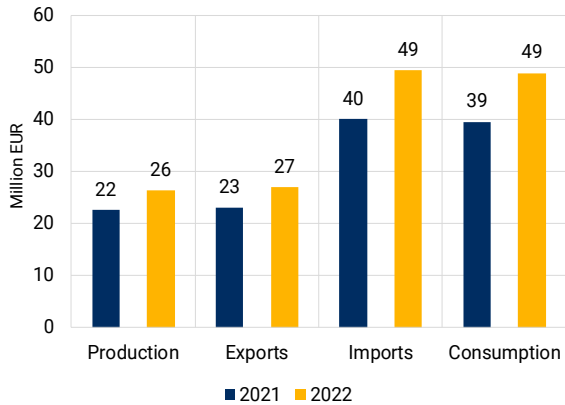
Source: CECIMO, National associations, ITC

Slovenia

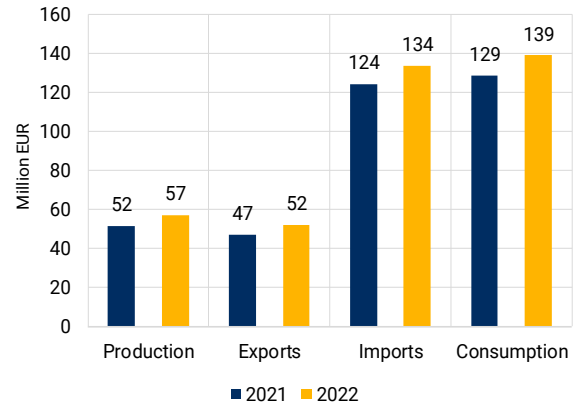
Total MT Production in 2022 = 84 Million EUR
YoY = 13,0%

Total MT Consumption in 2022 = 188 Million EUR
YoY = 11,6%

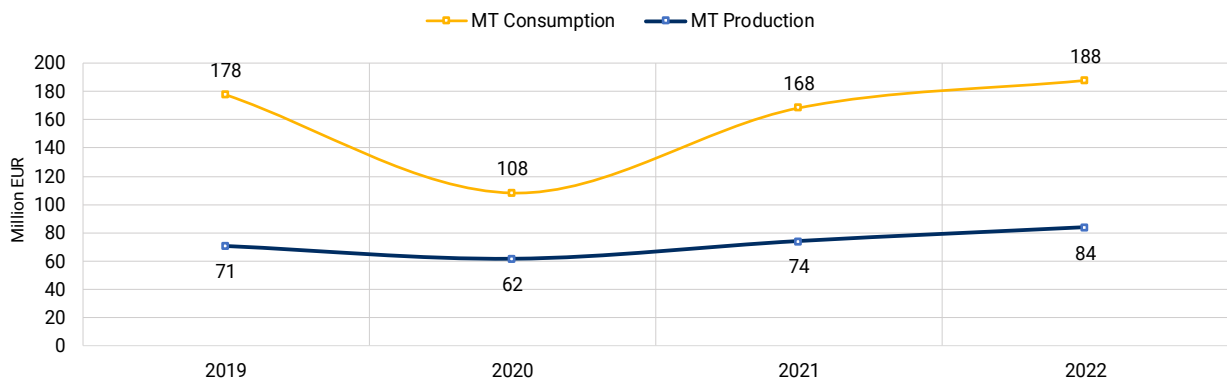
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	79	13%
'8456	Physico-Chemical	9	1%
'8457	Machining centres, Transfer machines	19	21%
'8458	Lathes	14	60%
'8459	Drilling, Boring, Milling, Threading	5	-35%
'8460	Grinding and Polishing machines	3	-17%
'8461	Other Metal Cutting	3	-11%
'8462	Forging, Bending, Shearing, Presses	21	1%
'8463	Other Metal Forming	6	144%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	183	11%
'8456	Physico-Chemical	25	2%
'8457	Machining centres, Transfer machines	50	27%
'8458	Lathes	30	3%
'8459	Drilling, Boring, Milling, Threading	13	25%
'8460	Grinding and Polishing machines	9	-23%
'8461	Other Metal Cutting	8	-23%
'8462	Forging, Bending, Shearing, Presses	44	27%
'8463	Other Metal Forming	5	-2%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Croatia	14	104%	18%
2	Hungary	13	7%	17%
3	Germany	11	16%	14%
4	Slovakia	7	107%	9%
5	Serbia	6	-6%	7%
6	Bosnia and Herzegovina	5	-20%	7%
7	Italy	3	125%	3%
8	Türkiye	2	42%	3%
9	Austria	2	-53%	2%
10	Sweden	2	-36%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	63	3%	34%
2	South Korea	27	32%	15%
3	Italy	23	3%	13%
4	China	17	40%	9%
5	Taiwan region	9	24%	5%
6	Austria	5	-7%	3%
7	Belgium	4	41%	2%
8	France	4	130%	2%
9	Croatia	4	28%	2%
10	Türkiye	4	-26%	2%

Note: All figures are nominal values in EUR millions.

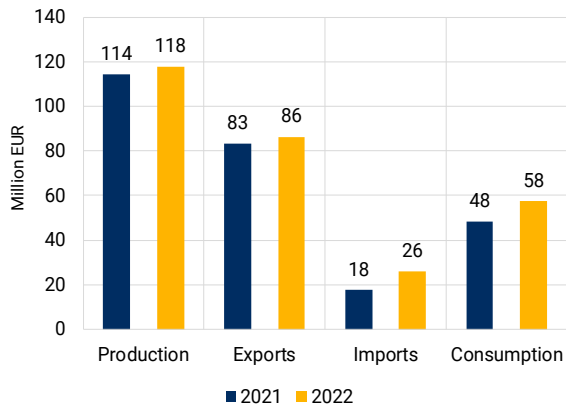
Source: CECIMO, National associations, ITC

Finland

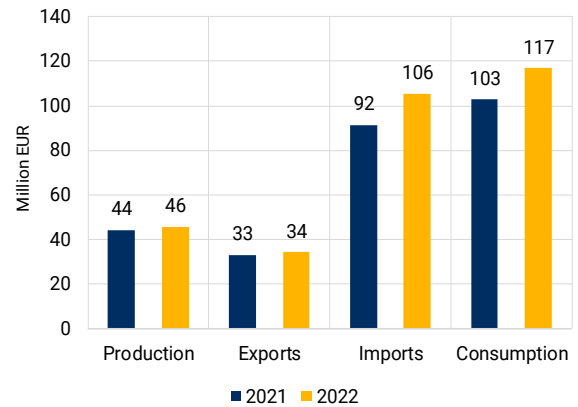
Total MT Production in 2022 = 163 Million EUR
YoY = 3,0%

Total MT Consumption in 2022 = 174 Million EUR
YoY = 15,4%

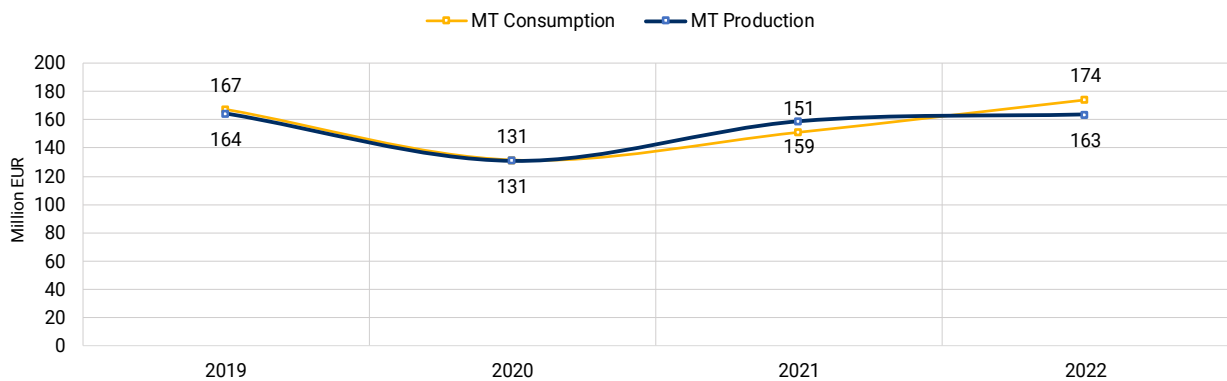
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	121	3%
'8456	Physico-Chemical	21	3%
'8457	Machining centres, Transfer machines	1	-60%
'8458	Lathes	1	-17%
'8459	Drilling, Boring, Milling, Threading	10	64%
'8460	Grinding and Polishing machines	1	-53%
'8461	Other Metal Cutting	1	-49%
'8462	Forging, Bending, Shearing, Presses	85	3%
'8463	Other Metal Forming	1	66%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	132	21%
'8456	Physico-Chemical	31	47%
'8457	Machining centres, Transfer machines	32	31%
'8458	Lathes	24	13%
'8459	Drilling, Boring, Milling, Threading	8	-37%
'8460	Grinding and Polishing machines	5	65%
'8461	Other Metal Cutting	6	-37%
'8462	Forging, Bending, Shearing, Presses	24	43%
'8463	Other Metal Forming	2	143%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United States of America	22	9%	19%
2	Italy	16	7%	13%
3	Germany	12	125%	10%
4	Poland	9	185%	8%
5	China	7	-18%	5%
6	United Kingdom	6	59%	5%
7	Sweden	5	31%	4%
8	Russian Federation	3	-73%	3%
9	France	3	11%	2%
10	Türkiye	3	64%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	45	33%	34%
2	Japan	18	74%	14%
3	Italy	10	-3%	8%
4	China	8	6%	6%
5	Netherlands	6	103%	5%
6	France	5	26%	4%
7	South Korea	4	16%	3%
8	Taiwan region	4	69%	3%
9	Czech Republic	4	1%	3%
10	Sweden	3	-24%	3%

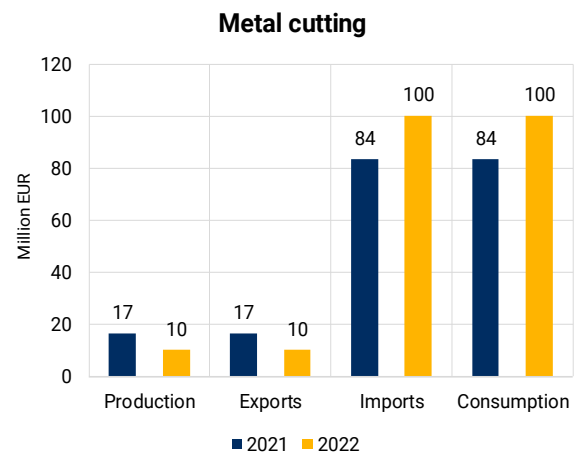
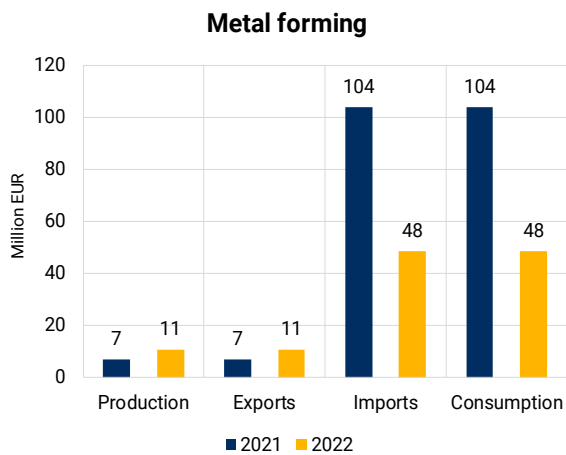
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

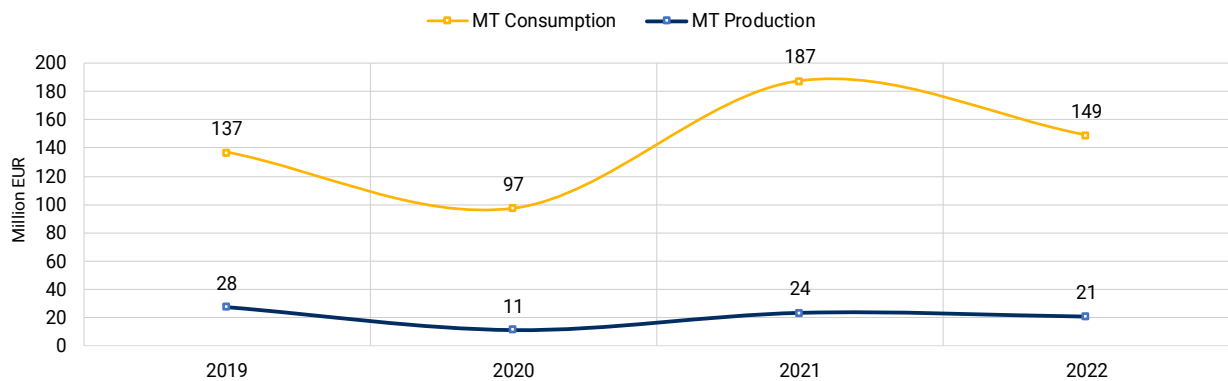
South Africa

Total MT Production in 2022 = 21 Million EUR
YoY = -11,3%

Total MT Consumption in 2022 = 149 Million EUR
YoY = -20,5%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	21	-11%
'8456	Physico-Chemical	1	-42%
'8457	Machining centres, Transfer machines	1	-30%
'8458	Lathes	1	33%
'8459	Drilling, Boring, Milling, Threading	3	-68%
'8460	Grinding and Polishing machines	2	10%
'8461	Other Metal Cutting	2	59%
'8462	Forging, Bending, Shearing, Presses	9	56%
'8463	Other Metal Forming	1	39%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	149	-21%
'8456	Physico-Chemical	36	15%
'8457	Machining centres, Transfer machines	12	10%
'8458	Lathes	21	65%
'8459	Drilling, Boring, Milling, Threading	17	5%
'8460	Grinding and Polishing machines	8	42%
'8461	Other Metal Cutting	6	-7%
'8462	Forging, Bending, Shearing, Presses	39	-58%
'8463	Other Metal Forming	9	-18%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Zimbabwe	3	20%	15%
2	United States of America	2	133%	9%
3	Namibia	2	8%	8%
4	Zambia	2	25%	8%
5	Botswana	1	0%	7%
6	Congo, Democratic Republ	1	-26%	6%
7	Australia	1	94%	5%
8	Mozambique	1	-56%	5%
9	Eswatini	1	11%	4%
10	Germany	0	41%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	63	-16%	42%
2	Taiwan region	18	97%	12%
3	Germany	15	42%	10%
4	Switzerland	10	-41%	7%
5	Italy	9	-49%	6%
6	United States of America	7	18%	4%
7	South Korea	5	-63%	4%
8	Japan	3	-3%	2%
9	India	3	125%	2%
10	South Africa	2	156%	2%

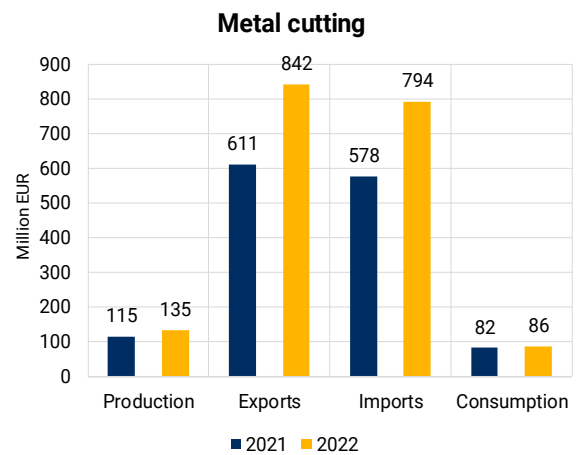
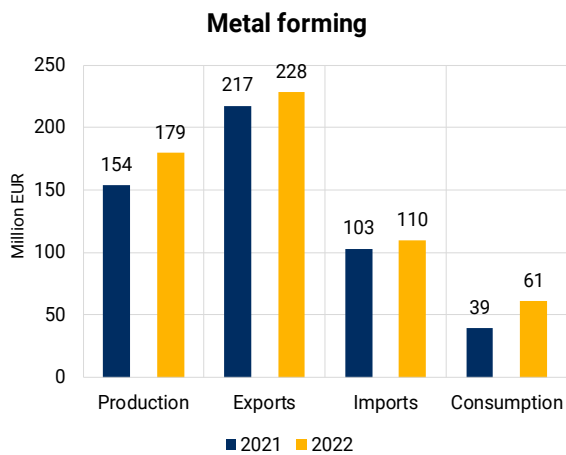
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

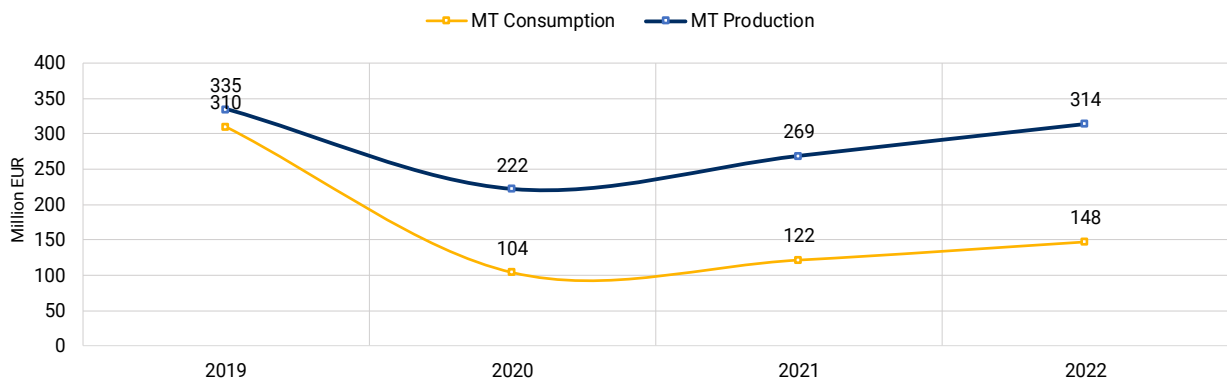
Belgium

Total MT Production in 2022 = 314 Million EUR
YoY = 16,7%

Total MT Consumption in 2022 = 148 Million EUR
YoY = 21,0%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	1.071	29%
'8456	Physico-Chemical	168	8%
'8457	Machining centres, Transfer machines	337	63%
'8458	Lathes	280	38%
'8459	Drilling, Boring, Milling, Threading	19	38%
'8460	Grinding and Polishing machines	22	42%
'8461	Other Metal Cutting	17	2%
'8462	Forging, Bending, Shearing, Presses	209	0%
'8463	Other Metal Forming	19	115%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	904	33%
'8456	Physico-Chemical	105	32%
'8457	Machining centres, Transfer machines	353	47%
'8458	Lathes	276	33%
'8459	Drilling, Boring, Milling, Threading	24	39%
'8460	Grinding and Polishing machines	17	1%
'8461	Other Metal Cutting	19	4%
'8462	Forging, Bending, Shearing, Presses	93	5%
'8463	Other Metal Forming	16	20%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Italy	235	55%	22%
2	Germany	191	17%	18%
3	France	133	45%	12%
4	United States of America	98	20%	9%
5	Poland	70	31%	7%
6	Netherlands	46	56%	4%
7	Czech Republic	28	72%	3%
8	Spain	24	55%	2%
9	Hungary	23	4%	2%
10	Denmark	23	46%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Japan	356	41%	39%
2	United States of America	197	36%	22%
3	United Kingdom	96	24%	11%
4	China	52	35%	6%
5	Germany	49	13%	5%
6	Taiwan region	29	62%	3%
7	Netherlands	23	11%	3%
8	Italy	20	-5%	2%
9	France	16	-13%	2%
10	Singapore	13	226%	1%

Note: All figures are nominal values in EUR millions.

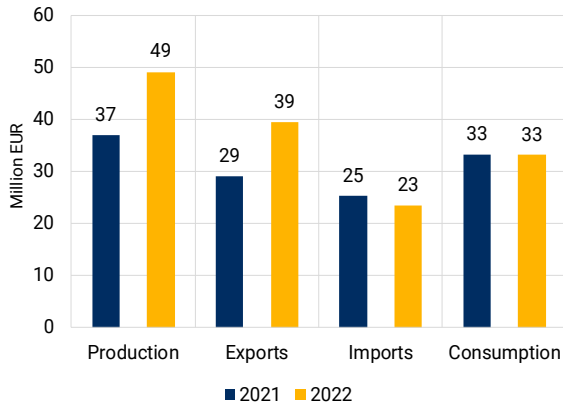
Source: CECIMO, National associations, ITC

Denmark

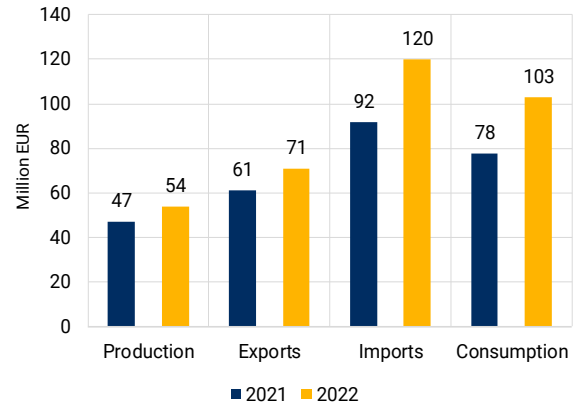
Total MT Production in 2022 = 103 Million EUR
YoY = 22,5%

Total MT Consumption in 2022 = 136 Million EUR
YoY = 22,7%

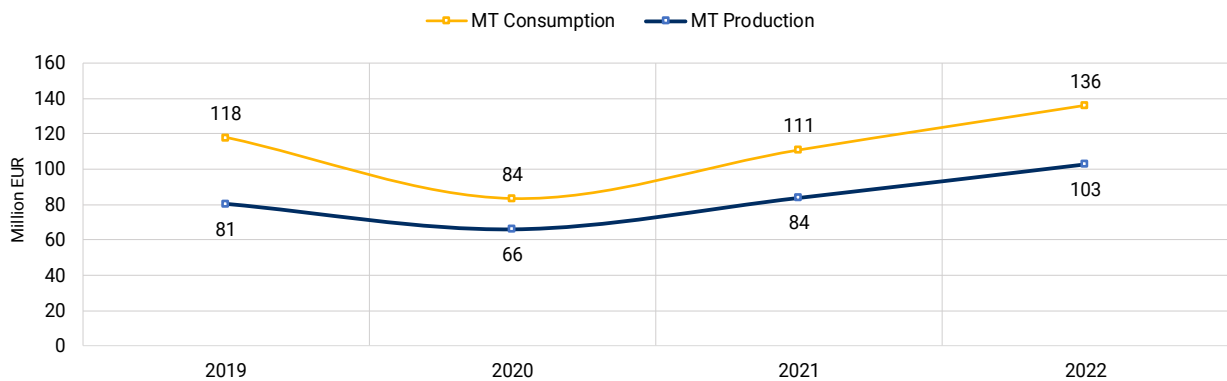
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	110	23%
'8456	Physico-Chemical	10	116%
'8457	Machining centres, Transfer machines	6	35%
'8458	Lathes	3	-17%
'8459	Drilling, Boring, Milling, Threading	12	5%
'8460	Grinding and Polishing machines	32	18%
'8461	Other Metal Cutting	9	-19%
'8462	Forging, Bending, Shearing, Presses	23	65%
'8463	Other Metal Forming	16	9%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	143	23%
'8456	Physico-Chemical	29	48%
'8457	Machining centres, Transfer machines	29	84%
'8458	Lathes	23	10%
'8459	Drilling, Boring, Milling, Threading	15	-16%
'8460	Grinding and Polishing machines	12	28%
'8461	Other Metal Cutting	13	46%
'8462	Forging, Bending, Shearing, Presses	20	-13%
'8463	Other Metal Forming	4	58%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	China	13	23%	12%
2	United States of America	13	22%	12%
3	Germany	12	7%	11%
4	Italy	11	552%	10%
5	Norway	7	31%	6%
6	Sweden	6	12%	6%
7	Poland	5	395%	5%
8	Mexico	5	-15%	5%
9	United Kingdom	3	-23%	3%
10	France	3	25%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	35	4%	25%
2	Belgium	19	33%	13%
3	Japan	11	79%	8%
4	China	10	23%	7%
5	Switzerland	10	38%	7%
6	Sweden	8	96%	5%
7	Italy	7	48%	5%
8	France	6	48%	4%
9	Poland	5	26%	4%
10	Netherlands	5	36%	3%

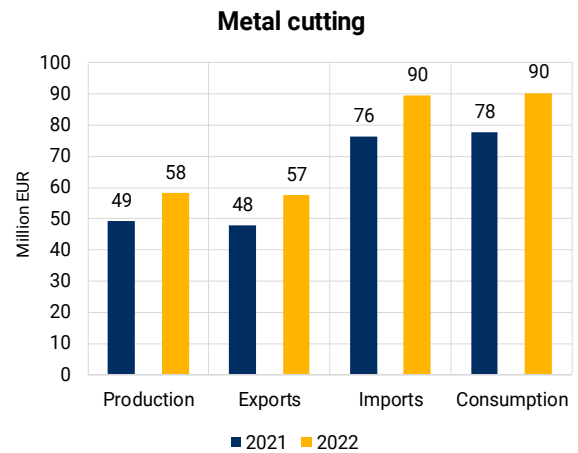
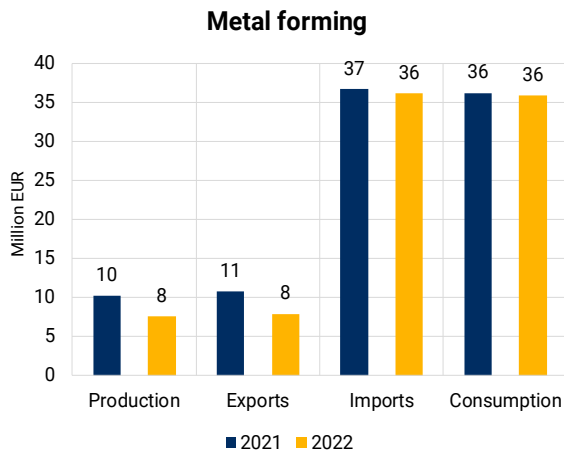
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

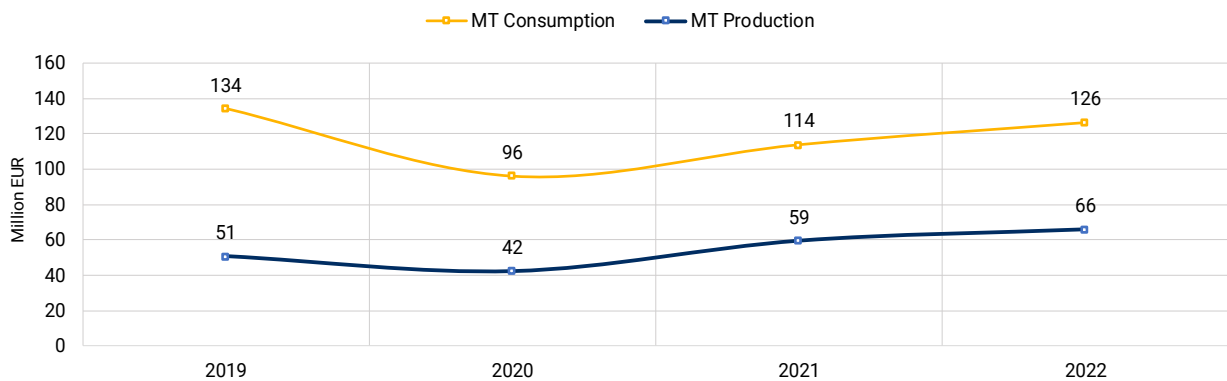
Bulgaria

Total MT Production in 2022 = 66 Million EUR
YoY = 10,7%

Total MT Consumption in 2022 = 126 Million EUR
YoY = 10,9%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	65	11%
'8456	Physico-Chemical	4	125%
'8457	Machining centres, Transfer machines	28	35%
'8458	Lathes	19	-4%
'8459	Drilling, Boring, Milling, Threading	2	110%
'8460	Grinding and Polishing machines	2	19%
'8461	Other Metal Cutting	3	-14%
'8462	Forging, Bending, Shearing, Presses	7	-23%
'8463	Other Metal Forming	1	-52%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	126	11%
'8456	Physico-Chemical	28	13%
'8457	Machining centres, Transfer machines	16	-18%
'8458	Lathes	24	68%
'8459	Drilling, Boring, Milling, Threading	7	-3%
'8460	Grinding and Polishing machines	10	41%
'8461	Other Metal Cutting	5	32%
'8462	Forging, Bending, Shearing, Presses	31	-2%
'8463	Other Metal Forming	5	0%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Germany	26	49%	40%
2	Türkiye	18	30%	27%
3	United States of America	3	183%	5%
4	Italy	2	-39%	4%
5	Romania	2	-30%	3%
6	Russian Federation	2	-54%	3%
7	Greece	1	-54%	2%
8	Poland	1	-5%	2%
9	Netherlands	1	17%	2%
10	Iran, Islamic Republic of	1	161%	1%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	36	10%	29%
2	China	17	14%	13%
3	Italy	15	-23%	12%
4	Türkiye	12	-4%	10%
5	Hungary	7	128%	5%
6	Taiwan region	6	76%	5%
7	Belgium	5	-7%	4%
8	Romania	4	57%	3%
9	Poland	3	24%	3%
10	France	3	167%	2%

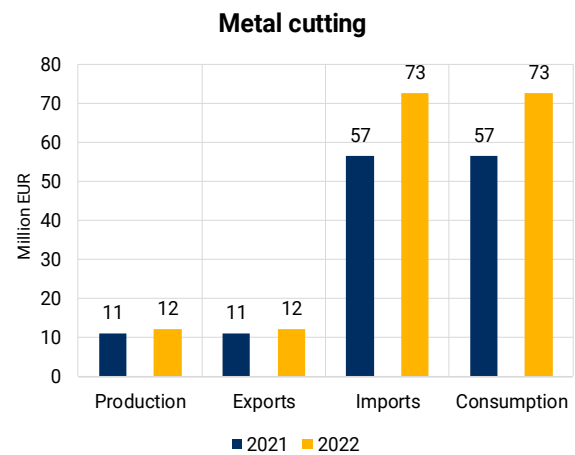
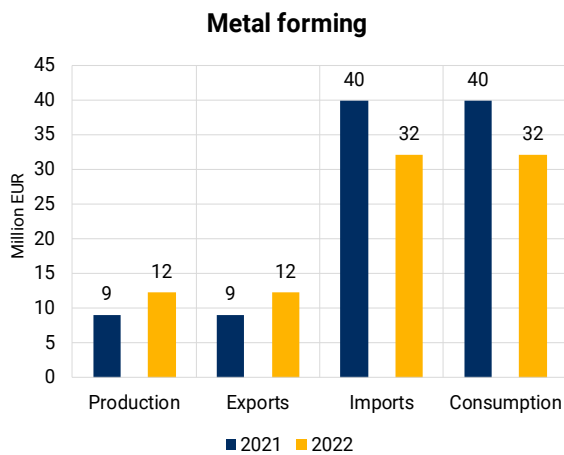
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

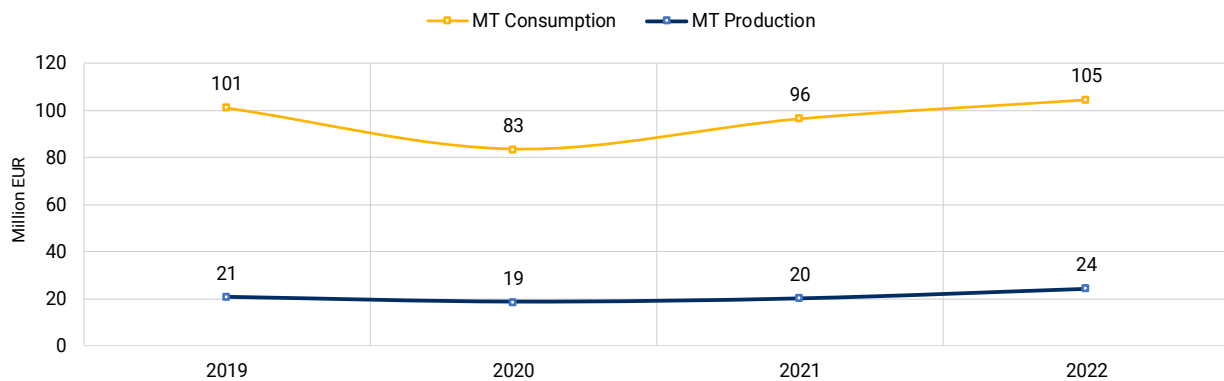
Serbia

Total MT Production in 2022 = 24 Million EUR
YoY = 21,1%

Total MT Consumption in 2022 = 105 Million EUR
YoY = 8,5%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	24	21%
'8456	Physico-Chemical	3	96%
'8457	Machining centres, Transfer machines	0	-48%
'8458	Lathes	2	80%
'8459	Drilling, Boring, Milling, Threading	1	33%
'8460	Grinding and Polishing machines	4	-32%
'8461	Other Metal Cutting	1	169%
'8462	Forging, Bending, Shearing, Presses	8	27%
'8463	Other Metal Forming	5	55%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	105	8%
'8456	Physico-Chemical	21	41%
'8457	Machining centres, Transfer machines	22	22%
'8458	Lathes	10	62%
'8459	Drilling, Boring, Milling, Threading	10	37%
'8460	Grinding and Polishing machines	6	-9%
'8461	Other Metal Cutting	5	8%
'8462	Forging, Bending, Shearing, Presses	30	-14%
'8463	Other Metal Forming	2	-58%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Russian Federation	5	9%	19%
2	Bosnia and Herzegovina	3	42%	14%
3	Slovenia	2	170%	8%
4	Germany	2	17%	6%
5	Hungary	1	60%	5%
6	Croatia	1	-30%	4%
7	Romania	1	-16%	4%
8	Macedonia, North	1	70%	3%
9	Netherlands	1	222%	3%
10	Denmark	1	61100%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	26	-8%	25%
2	Germany	21	-4%	20%
3	Italy	9	-31%	9%
4	Japan	9	132%	8%
5	United States of America	6	122%	6%
6	Türkiye	6	-26%	5%
7	Switzerland	4	19%	4%
8	South Korea	3	44%	3%
9	Czech Republic	3	293%	3%
10	Taiwan region	2		2%

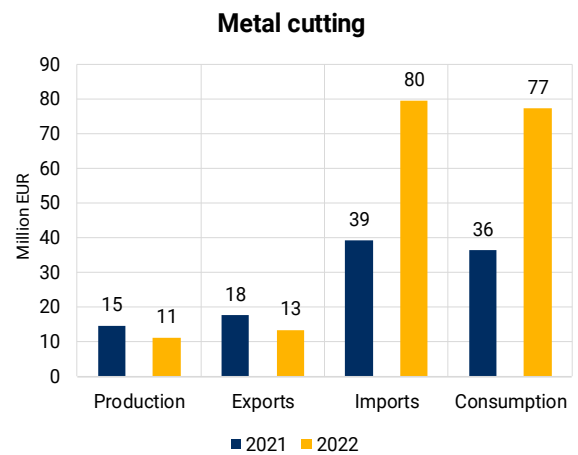
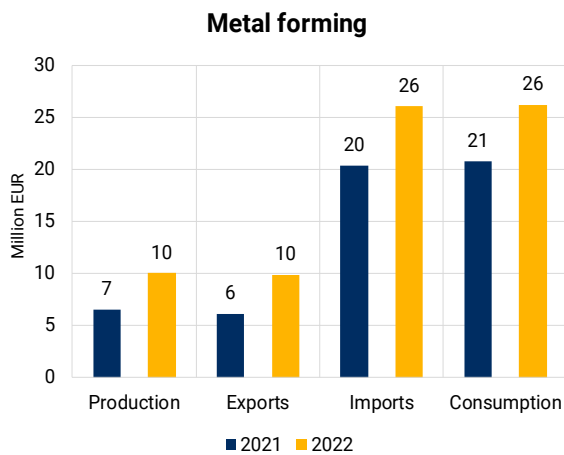
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

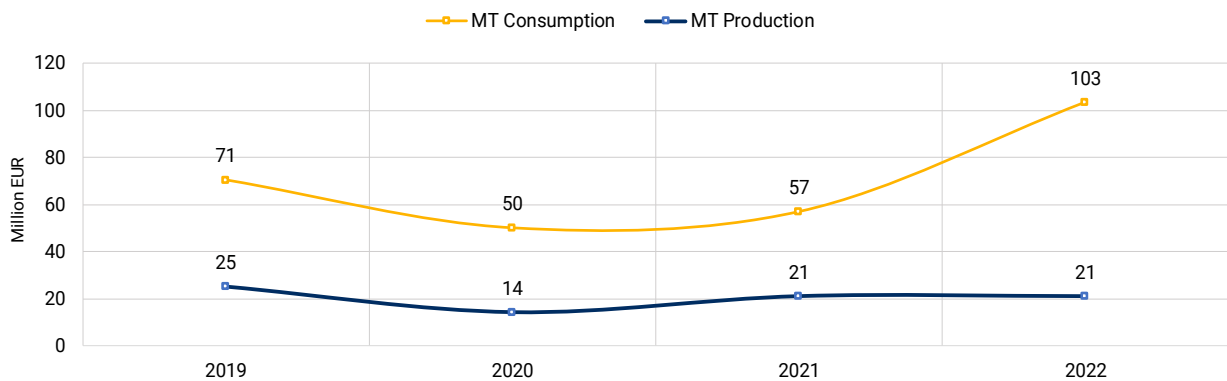
Croatia

Total MT Production in 2022 = 21 Million EUR
YoY = -0,1%

Total MT Consumption in 2022 = 103 Million EUR
YoY = 81,1%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	23	-2%
'8456	Physico-Chemical	2	-13%
'8457	Machining centres, Transfer machines	3	-36%
'8458	Lathes	2	-19%
'8459	Drilling, Boring, Milling, Threading	4	-34%
'8460	Grinding and Polishing machines	2	27%
'8461	Other Metal Cutting	0	6%
'8462	Forging, Bending, Shearing, Presses	5	42%
'8463	Other Metal Forming	5	82%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	106	77%
'8456	Physico-Chemical	20	171%
'8457	Machining centres, Transfer machines	27	105%
'8458	Lathes	15	124%
'8459	Drilling, Boring, Milling, Threading	10	38%
'8460	Grinding and Polishing machines	4	66%
'8461	Other Metal Cutting	3	48%
'8462	Forging, Bending, Shearing, Presses	24	67%
'8463	Other Metal Forming	2	-62%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Slovenia	4	12%	19%
2	Germany	4	-10%	18%
3	Austria	3	25%	15%
4	Bosnia and Herzegovina	3	-25%	13%
5	Serbia	2	5%	8%
6	Türkiye	1	273%	5%
7	Czech Republic	1	27%	4%
8	Hungary	0	-52%	2%
9	Italy	0	-67%	2%
10	United Kingdom	0	516%	2%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	38	79%	36%
2	Italy	22	122%	21%
3	Slovenia	10	39%	9%
4	China	8	105%	7%
5	Czech Republic	4	258%	3%
6	Türkiye	3	116%	3%
7	Belgium	3	124%	3%
8	Austria	3	-19%	3%
9	Switzerland	3	113%	3%
10	Taiwan region	3	91%	2%

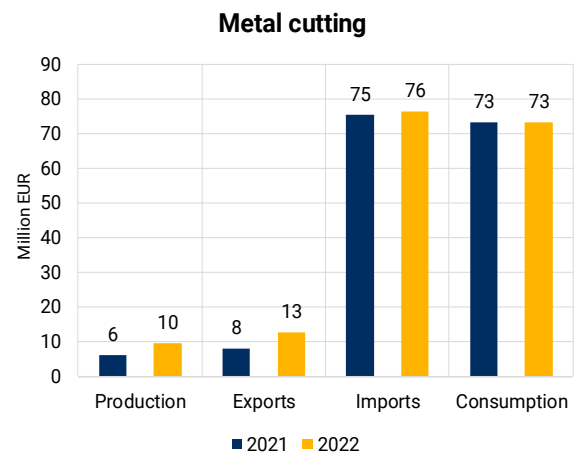
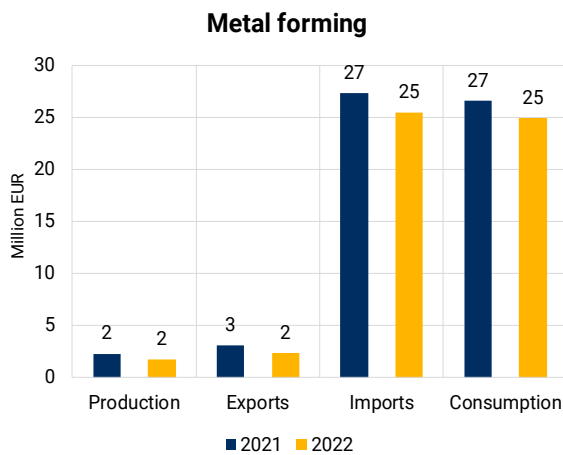
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

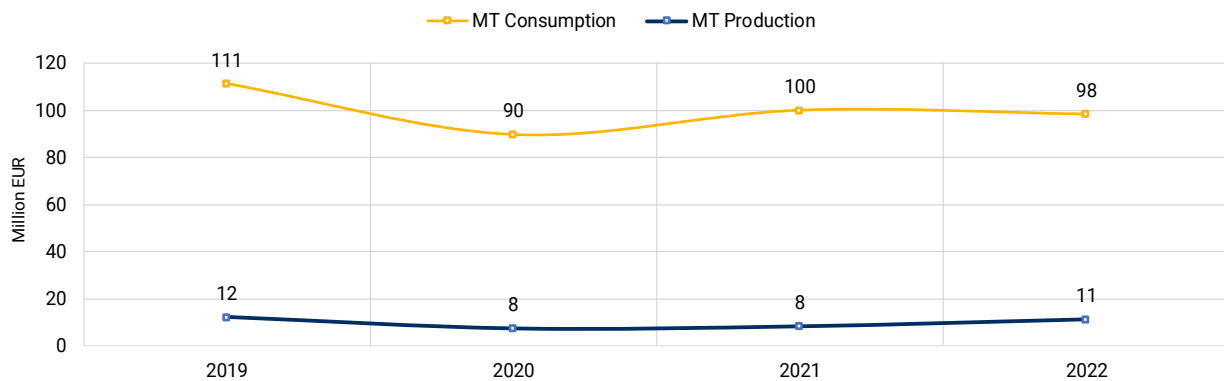
Norway

Total MT Production in 2022 = 11 Million EUR
YoY = 35,0%

Total MT Consumption in 2022 = 98 Million EUR
YoY = -1,6%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	15	34%
'8456	Physico-Chemical	1	46%
'8457	Machining centres, Transfer machines	4	185%
'8458	Lathes	3	12%
'8459	Drilling, Boring, Milling, Threading	2	13%
'8460	Grinding and Polishing machines	0	193%
'8461	Other Metal Cutting	2	53%
'8462	Forging, Bending, Shearing, Presses	2	-32%
'8463	Other Metal Forming	0	462%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	102	-1%
'8456	Physico-Chemical	16	1%
'8457	Machining centres, Transfer machines	13	-21%
'8458	Lathes	20	14%
'8459	Drilling, Boring, Milling, Threading	13	-5%
'8460	Grinding and Polishing machines	8	19%
'8461	Other Metal Cutting	6	33%
'8462	Forging, Bending, Shearing, Presses	21	-8%
'8463	Other Metal Forming	5	2%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	China	3	1250%	22%
2	United Kingdom	2	-16%	11%
3	Brazil	1	575%	8%
4	Türkiye	1	-16%	7%
5	Sweden	1	-36%	6%
6	Denmark	1	34%	6%
7	Netherlands	1	-25%	5%
8	Malaysia	1	1997%	5%
9	Spain	1	254%	5%
10	France	1	84%	5%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	20	-31%	20%
2	Japan	11	33%	11%
3	Italy	11	13%	11%
4	China	9	42%	9%
5	Sweden	7	-8%	7%
6	United Kingdom	6	-6%	6%
7	Netherlands	4	59%	4%
8	United States of America	4	12%	4%
9	Denmark	4	75%	4%
10	Türkiye	3	34%	3%

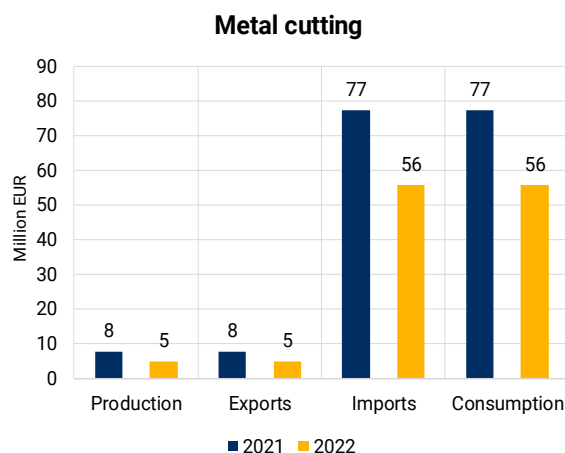
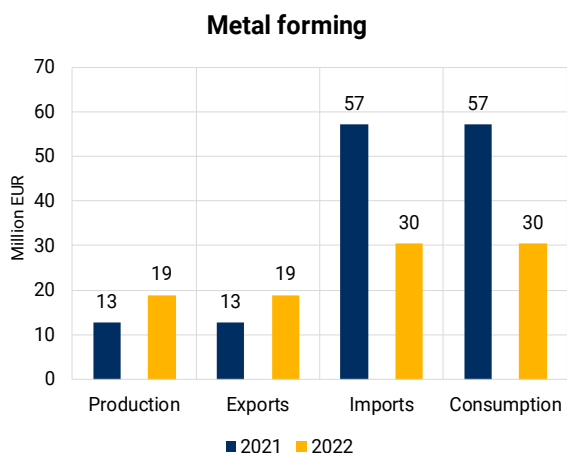
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

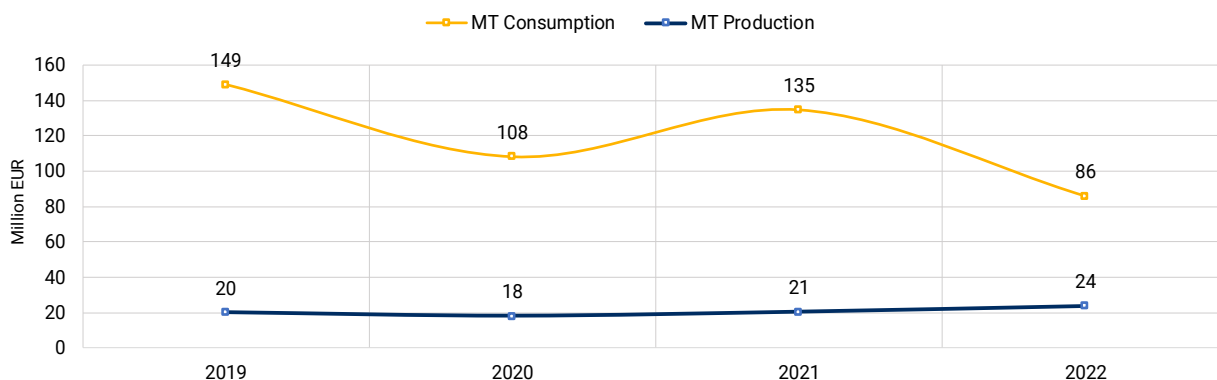
Ukraine

Total MT Production in 2022 = 24 Million EUR
YoY = 16,2%

Total MT Consumption in 2022 = 86 Million EUR
YoY = -36,0%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	24	16%
'8456	Physico-Chemical	1	-81%
'8457	Machining centres, Transfer machines	0	
'8458	Lathes	2	300%
'8459	Drilling, Boring, Milling, Threading	1	-6%
'8460	Grinding and Polishing machines	0	-24%
'8461	Other Metal Cutting	0	-17%
'8462	Forging, Bending, Shearing, Presses	17	49%
'8463	Other Metal Forming	1	53%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	86	-36%
'8456	Physico-Chemical	15	-31%
'8457	Machining centres, Transfer machines	15	-23%
'8458	Lathes	15	-7%
'8459	Drilling, Boring, Milling, Threading	4	-37%
'8460	Grinding and Polishing machines	5	-38%
'8461	Other Metal Cutting	2	-62%
'8462	Forging, Bending, Shearing, Presses	24	-47%
'8463	Other Metal Forming	7	-47%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Poland	5	677%	22%
2	Romania	2	394%	9%
3	Türkiye	2	26%	8%
4	Germany	2	212%	6%
5	Hungary	2	842%	6%
6	Macedonia, North	1		6%
7	Czech Republic	1	414%	5%
8	Morocco	1	5465%	5%
9	India	1	-40%	4%
10	Spain	1		3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	China	25	-23%	29%
2	Germany	10	-47%	12%
3	Türkiye	9	0%	10%
4	Italy	8	-19%	10%
5	Taiwan region	5	-10%	6%
6	United States of America	5	-59%	6%
7	South Korea	5	2%	5%
8	Switzerland	4	-73%	5%
9	Poland	4	-23%	4%
10	Japan	2	-18%	2%

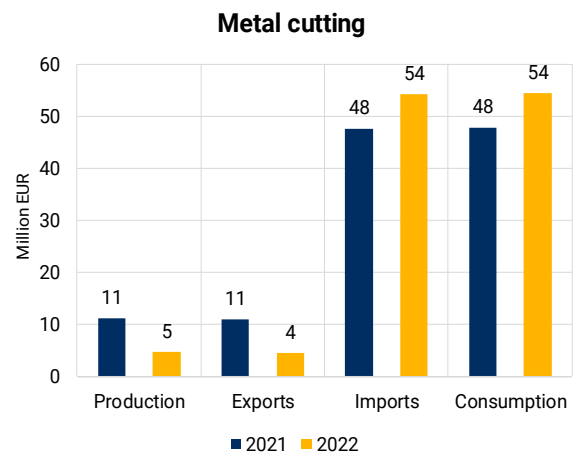
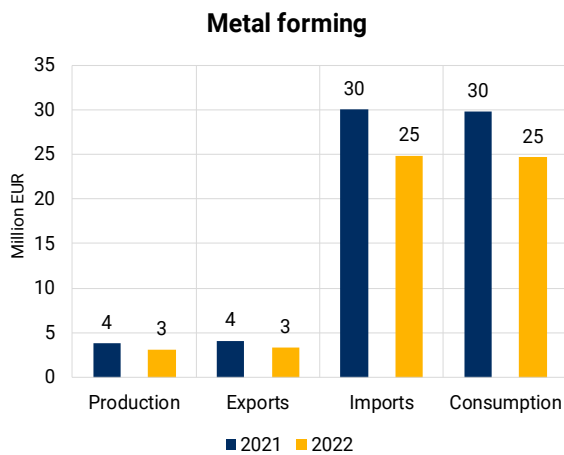
Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

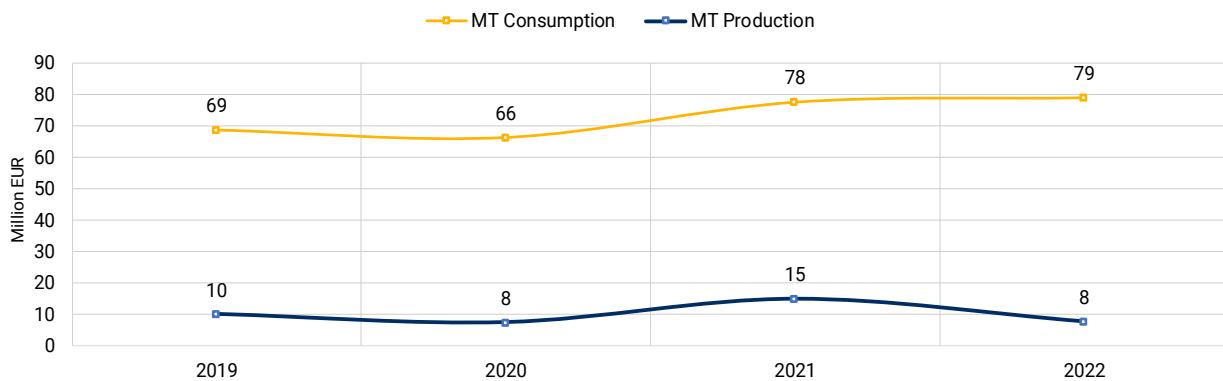
Ireland

Total MT Production in 2022 = 8 Million EUR
YoY = -48,5%

Total MT Consumption in 2022 = 79 Million EUR
YoY = 1,8%



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	8	-48%
'8456	Physico-Chemical	1	-43%
'8457	Machining centres, Transfer machines	0	-66%
'8458	Lathes	1	189%
'8459	Drilling, Boring, Milling, Threading	1	-67%
'8460	Grinding and Polishing machines	0	-88%
'8461	Other Metal Cutting	0	24%
'8462	Forging, Bending, Shearing, Presses	2	-10%
'8463	Other Metal Forming	1	-32%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	79	2%
'8456	Physico-Chemical	13	30%
'8457	Machining centres, Transfer machines	8	28%
'8458	Lathes	15	6%
'8459	Drilling, Boring, Milling, Threading	6	30%
'8460	Grinding and Polishing machines	7	3%
'8461	Other Metal Cutting	5	-10%
'8462	Forging, Bending, Shearing, Presses	22	-24%
'8463	Other Metal Forming	3	157%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	United Kingdom	3	-32%	45%
2	United States of America	1	-47%	16%
3	Germany	0	-45%	6%
4	Philippines	0		5%
5	Italy	0	-3%	4%
6	Türkiye	0	16%	4%
7	Mexico	0	0%	3%
8	France	0	96%	2%
9	Costa Rica	0	-6%	2%
10	India	0	24%	1%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	United Kingdom	12	3%	15%
2	United States of America	11	22%	13%
3	Japan	10	55%	13%
4	Germany	10	-34%	13%
5	China	7	-2%	8%
6	Türkiye	5	-2%	7%
7	Taiwan region	4	32%	5%
8	South Korea	4	-23%	4%
9	Netherlands	3	88%	4%
10	Switzerland	3	14%	4%

Note: All figures are nominal values in EUR millions.

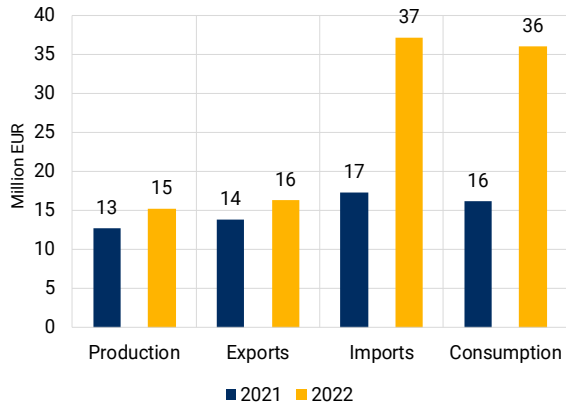
Source: CECIMO, National associations, ITC

Greece

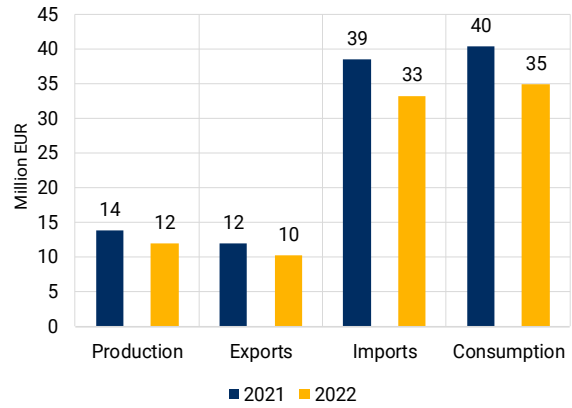
Total MT Production in 2022 = 27 Million EUR
YoY = 1,7%

Total MT Consumption in 2022 = 71 Million EUR
YoY = 25,5%

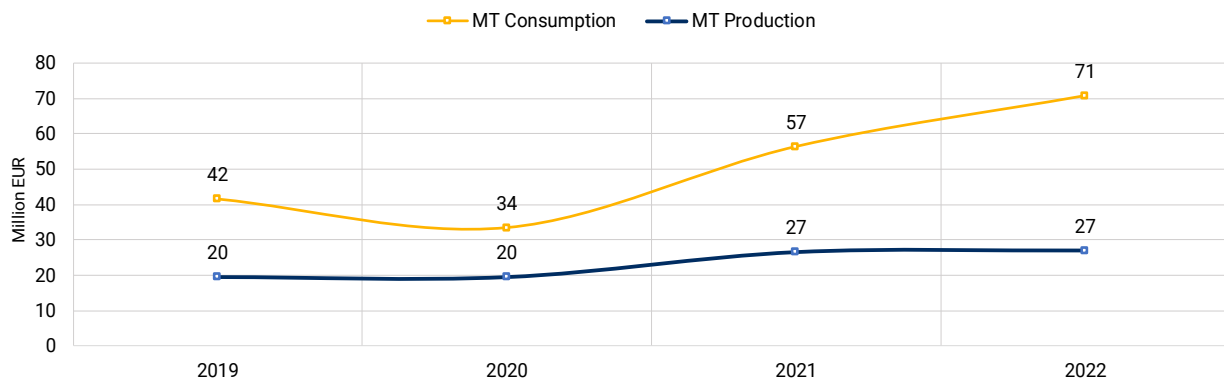
Metal forming



Metal cutting



Total Machine Tool Production & Consumption



Exports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	27	3%
'8456	Physico-Chemical	6	33%
'8457	Machining centres, Transfer machines	1	-76%
'8458	Lathes	2	5%
'8459	Drilling, Boring, Milling, Threading	1	-18%
'8460	Grinding and Polishing machines	0	46%
'8461	Other Metal Cutting	0	87%
'8462	Forging, Bending, Shearing, Presses	9	8%
'8463	Other Metal Forming	8	32%

Imports by product group

HS Code	Product group	2022	YoY
Total	Machine Tools	70	26%
'8456	Physico-Chemical	11	-6%
'8457	Machining centres, Transfer machines	8	-39%
'8458	Lathes	5	42%
'8459	Drilling, Boring, Milling, Threading	5	-7%
'8460	Grinding and Polishing machines	2	0%
'8461	Other Metal Cutting	2	-22%
'8462	Forging, Bending, Shearing, Presses	35	154%
'8463	Other Metal Forming	2	-39%

Top 10 export destinations

Rank	Partner	2022	YoY	% share
1	Brazil	4	0%	15%
2	Bulgaria	3	-20%	13%
3	Poland	2	52%	9%
4	United States of America	2	3%	9%
5	Germany	2	-23%	8%
6	Romania	1	106%	5%
7	Italy	1	-14%	4%
8	Cyprus	1	108%	3%
9	Türkiye	1	117%	3%
10	Slovenia	1	-65%	3%

Top 10 supplying markets

Rank	Partner	2022	YoY	% share
1	Germany	25	59%	35%
2	China	13	26%	19%
3	Italy	13	58%	19%
4	Türkiye	3	100%	5%
5	Belgium	2	94%	3%
6	Poland	2	-36%	3%
7	Bulgaria	2	-44%	3%
8	France	1	56%	2%
9	South Korea	1	334%	1%
10	Spain	1	260%	1%

Note: All figures are nominal values in EUR millions.

Source: CECIMO, National associations, ITC

Statistical Annex

CECIMO Global MT Database

⇒ EUR values

Notes:

Trade data source:

- *International Trade Centre (quarterly values)*
- *CECIMO estimates based on available and mirror data for certain countries: Russian Federation, Mexico, Vietnam, Argentina, Philippines, Iran and Israel.*

Source of data for MT production (indicated in column 4 of the database):

- 1 *CECIMO International MT Data exchange*
- 2 *Estimates based on Eurostat MT data*
- 3 *Other estimates*
 - *ASEAN countries (Thailand, Singapore, Malaysia, Vietnam, Philippines and Indonesia): Estimates (export quota) based on analysis of available production and trade data in the UNIDO database for ISIC 2822 code, combined with ITC 8456-63 Machine Tools data and number of companies - MT producers based in each country.*
 - *Canada: Estimates based on analysis of data available in the Canadian Statistical Office database on sales of manufactured goods for NAICS code 33351 in combination with export data for HS 8456-63 (Machine Tools).*
 - *Brazil: Estimates based on data available at the Brazilian Institute of Geography and Statistics.*
 - *Russia and Argentina: Estimates (ratio to imports) based on historical CECIMO data for these two countries. As a result, the historical share of domestic production in consumption is maintained for these two countries.*
 - *Australia: Estimates (export quota) based on historical CECIMO data exchange with Australian Manufacturing Technology Institute Limited (AMTIL).*
 - *Portugal: CECIMO estimate for 2021 and 2022 based on the export ratio of previous years.*
- 4 *Production = Exports*
- 5 *Production = 0*

Consumption = Production + Imports - Exports

Rank in the database is based on the level of total MT consumption

European Central Bank (ECB) exchange rates used for the International MT Data exchange MT production data:

	2019	2020	2021	2022
EUR/USD	1.1195	1.1422	1.1827	1.0530
EUR/JPY	122.01	121.85	129.88	138.03
EUR/GBP	0.8778	0.8897	0.8596	0.8528
EUR/INR			87.439	82.686

Statistical Annex

Global MT Database

⇒ USD values

Notes:

The full EUR database, including International Trade Centre data, is converted to USD database using the following ECB exchange rates:

	2019	2020	2021	2022
<i>EUR/USD</i>	1.1195	1.1422	1.1827	1.0530

Methodology & Remarks

The CECIMO Global Machine Tool Report is the result of CECIMO's long-term cooperation with national associations worldwide.

Thanks to the International MT Data Exchanges coordinated by CECIMO every six months, CECIMO has rounded up the main source of about 90% of global MT production data. Therefore, CECIMO is highly grateful to the following associations for contributing to this report **AFM** (Spain), **AGORIA** (Belgium), **AIMMAP** (Portugal), **AMT** (United States), **CMTBA** (China), **DI** (Denmark), **EVOLIS** (France), **FMTI** (Austria), **FPT-VIMAG** (Netherlands), **IMTMA** (India), **JFMA** (Japan), **JMTBA** (Japan), **KOMMA** (South Korea), **MIB** (Türkiye), **MTA** (United Kingdom), **SST** (Czech Republic), **SVMF** (Sweden), **SWISSMEM** (Switzerland), **TAMI** (Taiwan), **Technology Industries of Finland** (Finland), **UCIMU** (Italy), and **VDW** (Germany).

Based on available data and internal discussions of CECIMO Statistical Working Group, estimates for the rest of the world's MT production have been included in this report.

For trade data, the database contains the sum of quarterly data from the International Trade Centre. However, for a few countries where only mirror data were available (Russian Federation, Argentina, Philippines, Vietnam, Mexico, Iran and Israel), trade estimates were made by CECIMO.

The data on consumption have been calculated using the simple method: sum of production and imports minus exports. It should be noted that consumption estimates may differ when compared with national association estimates due to the use of different trade data sources.

All data in the report are in nominal values.

The CECIMO Global MT Report is produced primarily as a service to CECIMO members. However, the report is freely available to the aforementioned national associations and their members in the machine tool sector. The report is not available to the general public.

If you are using charts and tables from the report, please refer to the report as the source.

If you have questions, suggestions or comments about the estimates and report, please email anto.jerkovic@cecimo.eu.

Abbreviations:

CECIMO countries: Germany, Italy, Switzerland, the United Kingdom, Austria, Spain, Sweden, Finland, Türkiye, Portugal, the Netherlands, Belgium, the Czech Republic, France, Denmark.

Machine Tools: Metal cutting (HS 8456-8461), Metal forming (HS 8462-8463), Metal working (Metal forming + Metal cutting)

About CECIMO

CECIMO is the European Association of the Machine Tool Industries and related Manufacturing Technologies. We bring together 15 national associations of machine tool builders, which represent approximately 1500 industrial enterprises in Europe (EU + UK+ EFTA + Türkiye), over 80% of which are SMEs. CECIMO covers 97% of the total machine tool production in Europe and about 32% worldwide. It accounts for approximately 150,000 employees and a turnover of around 25 billion EUR in 2022. More than three quarters of CECIMO production is shipped abroad, whereas half of it is exported outside Europe.



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European Association of the Machine Tool Industries
and related Manufacturing Technologies



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