

Tables based on JQ

<u>Code</u>	<u>Sheet_ID</u>	<u>Title</u>	<u>Flow</u>	<u>Unit</u>	<u>Years</u>
1.1.1	-a	Apparent consumption of industrial roundwood, sawnwood, wood-based panels and paper and paperboard in UNECE region	AC	1000 m3/mt/m3 SWE	2017-2021
1.1.1	-b	Production and trade (volume and value) of industrial roundwood, sawnwood, wood-based panels and paper and paperboard in UNECE region	P, M, X, AC	1000 m3/mt	2017-2021
RW-1	a	Removals of Industrial Roundwood	Removals	1000 m3	2017-2021
RW-2	a	Exports and Imports of Industrial Roundwood	Exports & Imports	1000 m3	2017-2021
RW-3	c	Exports and Imports of Wood Residues, Chips and Particles	Exports & Imports	1000 m3	2017-2021
RW-4	a	Exports and Imports of Industrial Roundwood	Exports & Imports	1000 US\$	2017-2021
RW-5	a	Industrial Roundwood Balance	P, M, X and derived NT AC	1000 m3	2017-2022
RW-6	a	Softwood Industrial Roundwood Balance	P, M, X and derived NT AC	1000 m3	2017-2022
RW-7	a	Hardwood Industrial Roundwood Balance	P, M, X and derived NT AC	1000 m3	2017-2022
SW-1	a	Production of Sawn Softwood	Production	1000 m3	2017-2021
SW-2	a	Exports and Imports of Sawn Softwood	Exports & Imports	1000 m3	2017-2021
SW-3	a	Sawn Softwood Balance	P, M, X and derived NT AC	1000 m3	2017-2022
SW-4	a	Exports and Imports of Sawn Softwood	Exports & Imports	1000 US\$	2017-2021
HW-1	a	Production of Sawn Hardwood	Production	1000 m3	2017-2021
HW-2	a	Exports and Imports of Sawn Hardwood	Exports & Imports	1000 m3	2017-2021
HW-3	a	Sawn Hardwood Balance	P, M, X and derived NT AC	1000 m3	2017-2022
HW-4	a	Exports and Imports of Sawn Hardwood	Exports & Imports	1000 US\$	2017-2021
WBP-1	a	Production of Plywood	Production	1000 m3	2017-2021
WBP-2	a	Exports and Imports of Plywood	Exports & Imports	1000 m3	2017-2021
WBP-3	a	Plywood Balance	P, M, X and derived NT AC	1000 m3	2017-2022
WBP-4	a	Exports and Imports of Plywood	Exports & Imports	1000 US\$	2017-2021
WBP-5	b	Production of Particle Board (less OSB)	Production	1000 m3	2017-2021
WBP-6	c	Exports and Imports of Particle Board (less OSB)	Exports & Imports	1000 m3	2017-2021
WBP-7	a	Particle Board (less OSB) Balance	P, M, X and derived NT AC	1000 m3	2017-2022
WBP-8	c	Exports and Imports of Particle Board (less OSB)	Exports & Imports	1000 US\$	2017-2021
WBP-9	a	Production of OSB	Production	1000 m3	2017-2021
WBP-10	a	Exports and Imports of OSB	Exports & Imports	1000 m3	2017-2021
WBP-11	a	OSB Balance	P, M, X and derived NT AC	1000 m3	2017-2022
WBP-12	a	Exports and Imports of OSB	Exports & Imports	1000 US\$	2017-2021
WBP-13	a	Production of Fibreboard	Production	1000 m3	2017-2021
WBP-14	a	Exports and Imports of Fibreboard	Exports & Imports	1000 m3	2017-2021
WBP-15	a	Fibreboard Balance	P, M, X and derived NT AC	1000 m3	2017-2022
WBP-16	a	Exports and Imports of Fibreboard	Exports & Imports	1000 US\$	2017-2021
WBP-17	a	Wood-based Panel Balance (excluding veneer)	P, M, X and derived NT AC	1000 m3	2017-2022
WBP-18	a	Value of wood-based panel imports	M	million \$	2017-2021
WBP-19	a	Value of wood-based panel exports	X	million \$	2017-2021
P&P-1	a	Production of mechanical and semi-chemical pulp	Production	1000 mt	2017-2021
P&P-2	a	Exports and Imports of mechanical and semi-chemical pulp	Exports & Imports	1000 mt	2017-2021
P&P-3	a	mechanical and semi-chemical Pulp Balance	P, M, X and derived NT AC	1000 mt	2017-2021
P&P-4	a	Exports and Imports of mechanical and semi-chemical pulp	Exports & Imports	1000 US\$	2017-2021
P&P-5	a	Production of chemical pulp	Production	1000 mt	2017-2021
P&P-6	a	Exports and Imports of chemical pulp	Exports & Imports	1000 mt	2017-2021
P&P-7	a	Chemical pulp Balance	P, M, X and derived NT AC	1000 mt	2017-2021
P&P-8	a	Exports and Imports of chemical pulp	Exports & Imports	1000 US\$	2017-2021
P&P-9	a	Production of dissolving pulp	Production	1000 mt	2017-2021
P&P-10	a	Exports and Imports of dissolving pulp	Exports & Imports	1000 mt	2017-2021
P&P-11	a	Dissolving pulp Balance	P, M, X and derived NT AC	1000 mt	2017-2021

P&P-12	a	Exports and Imports of dissolving pulp	Exports & Imports	1000 US\$	2017-2021
P&P-13	a	Wood Pulp	P and AC	million mt	2017, 2020-2021
P&P-14	a	Production of Graphic Paper	Production	1000 mt	2017-2021
P&P-15	a	Exports and Imports of Graphic Paper	Exports & Imports	1000 mt	2017-2021
P&P-16	a	Graphic Paper Balance	P, M, X and derived NT AC	1000 mt	2017-2021
P&P-17	a	Exports and Imports of Graphic Paper	Exports & Imports	1000 US\$	2017-2021
P&P-18	a	Production of Packaging Paper	Production	1000 mt	2017-2021
P&P-19	a	Exports and Imports of Packaging Paper	Exports & Imports	1000 mt	2017-2021
P&P-20	a	Packaging Paper Balance	P, M, X and derived NT AC	1000 mt	2017-2021
P&P-21	a	Exports and Imports of Packaging Paper	Exports & Imports	1000 US\$	2017-2021
P&P-22	a	Wood Pulp Balance	P, M, X and derived NT AC	1000 mt	2017-2022
P&P-23	a	Paper and Paperboard Balance	P, M, X and derived NT AC	1000 mt	2017-2022
P&P-24	a	Paper and Paperboard Europe	P and AC	million mt	2017, 2020-2021
P&P-25	a	Paper and Paperboard North America	P and AC	million mt	2017, 2020-2021
S-1	a	Exports and Imports of Further Processed Sawnwood	Exports & Imports	1000 US\$	2017-2021
S-2	a	Exports and Imports of Wooden Furniture	Exports & Imports	1000 US\$	2017-2021
S-3	a	Exports and Imports of Household and Sanitary Paper (ready for use)	Exports & Imports	1000 US\$	2017-2021
S-4	a	Production of Wood Pellets	Production	1000 mt	2017-2021
S-5	a	Exports and Imports of Wood Pellets	Exports & Imports	1000 mt	2017-2021
S-6	a	Exports and Imports of Wood Pellets	Exports & Imports	1000 US\$	2017-2021
S-7	a	Wood Pellet Balance	P, M, X and derived NT AC	1000 mt	2017-2022
Annex-1	a	Apparent consumption of industrial roundwood	AC	1000 m3	2017-2021
Annex-2	a	Apparent consumption of sawn softwood	AC	1000 m3	2017-2021
Annex-3	a	Apparent consumption of sawn hardwood	AC	1000 m3	2017-2021
Annex-4	a	Apparent consumption of wood-based panels (excludes veneer)	AC	1000 m3	2017-2021
Annex-5	a	Apparent consumption of plywood	AC	1000 m3	2017-2021
Annex-6	a	Apparent consumption of particleboard (excluding OSB)	AC	1000 m3	2017-2021
Annex-7	a	Apparent consumption of OSB	AC	1000 m3	2017-2021
Annex-8	a	Apparent consumption of fiberboard	AC	1000 m3	2017-2021
Annex-9	a	Apparent consumption of chemical woodpulp	AC	1000 m.t.	2017-2021
Annex-10	a	Apparent consumption of paper and paperboard	AC	1000 m.t.	2017-2021
Annex-11	a	Apparent consumption of graphic papers	AC	1000 m.t.	2017-2021
Annex-12	a	Apparent consumption of sanitary and household papers	AC	1000 m.t.	2017-2021
Annex-13	a	Apparent consumption of packaging materials	AC	1000 m.t.	2017-2021
Annex-14	a	Apparent consumption of wood pellets	AC	1000 m.t.	2017-2021

Apparent consumption of industrial roundwood, sawnwood a/, wood-based panels and paper and paperboard in UNECE region, 2017-2021

	Thousand	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 2017 to 2021	
							Volume	%	Volume	%
Europe										
Industrial roundwood	m3	410,137	441,180	432,648	415,257	432,999	17,742	4.3	5.6	
Sawnwood	m3	110,809	113,114	112,405	111,100	119,777	8,677	7.8	8.1	
Wood-based panels	m3	74,210	75,797	74,877	72,380	74,712	2,332	3.2	0.7	
Paper and paperboard	m.t.	89,939	89,560	86,395	83,443	85,971	2,529	3.0	-4.4	
Total	m3 SWE b/	551,443	554,882	541,362	525,619	547,330	21,711	4.1	-0.7	
EECCA										
Industrial roundwood	m3	198,419	226,378	213,324	211,914	211,271	-642	-0.3	6.5	
Sawnwood	m3	17,894	17,363	17,926	15,631	15,466	-165	-1.1	-13.6	
Wood-based panels	m3	17,783	20,846	20,399	19,733	20,987	1,254	6.4	18.0	
Paper and paperboard	m.t.	9,507	10,064	10,221	10,120	10,021	-98	-1.0	5.4	
Total	m3 SWE b/	79,688	85,728	86,216	82,442	83,797	1,355	1.6	5.2	
North America										
Industrial roundwood	m3	517,444	534,285	517,736	502,577	512,490	9,912	2.0	-1.0	
Sawnwood	m3	118,392	120,096	117,076	114,942	117,479	2,537	2.2	-0.8	
Wood-based panels	m3	56,201	53,177	54,253	53,657	57,342	3,685	6.9	2.0	
Paper and paperboard	m.t.	75,037	74,055	71,520	68,587	70,959	2,372	3.5	-5.4	
Total	m3 SWE b/	478,747	472,466	461,781	448,087	464,818	16,731	3.7	-2.9	
UNECE region										
Industrial roundwood	m3	1,126,000	1,201,843	1,163,708	1,129,748	1,156,760	27,012	2.4	2.7	
Sawnwood	m3	247,095	250,573	247,407	241,673	252,722	11,049	4.6	2.3	
Wood-based panels	m3	148,195	149,820	149,528	145,770	153,040	7,271	5.0	3.3	
Paper and paperboard	m.t.	174,482	173,679	168,136	162,149	166,952	4,803	3.0	-4.3	
Total	m3 SWE b/	1,109,878	1,113,076	1,089,359	1,056,148	1,095,945	39,797	3.8	-1.3	

Notes: a/ Excluding sleepers before 2017, b/ Solid wood equivalent, total excludes roundwood.

c/ Wood-based panels excludes veneer

1 m3 of sawnwood =1.05, wood-based panels = 1.50, 1 m.t. paper = 3.60 m3 of solid wood equivalent, based on UNECE/FAO Discussion Paper 49.

Source: UNECE/FAO, 2022.

Production, trade and consumption of industrial roundwood, sawnwood a/, wood-based panels and paper and paperboard in UNECE region, 2021

	Thousand	Production	Volume		million \$		Apparent Consumption	% of production exported	% of consumption imported
			Imports	Exports	Imports	Exports			
Europe									
Industrial roundwood	m3	439,964	58,266	65,231	4,801	5,465	432,999	15%	13%
Sawnwood	m3	132,247	53,268	65,738	19,285	24,292	119,777	50%	44%
Wood-based panels	m3	75,948	40,547	41,783	16,802	18,489	74,712	55%	54%
Paper and paperboard	m.t.	96,931	52,525	63,485	46,866	58,790	85,971	65%	61%
Total	m3 SWE b/	601,731	305,842	360,243	214,171	264,885			
EECCA									
Industrial roundwood	m3	227,612	637	16,978	50	1,042	211,271	7%	0%
Sawnwood	m3	49,842	4,197	38,573	627	5,452	15,466	77%	27%
Wood-based panels	m3	24,686	6,599	10,297	1,692	2,573	20,987	42%	31%
Paper and paperboard	m.t.	11,386	2,627	3,992	2,825	2,203	10,021	35%	26%
Total	m3 SWE b/	130,353	23,763	70,319	13,368	17,514			
North America									
Industrial roundwood	m3	524,024	5,145	16,679	471	2,669	512,490	3%	1%
Sawnwood	m3	121,644	29,225	33,390	14,522	16,971	117,479	27%	25%
Wood-based panels	m3	45,672	21,825	10,155	11,138	5,900	57,342	22%	38%
Paper and paperboard	m.t.	76,656	10,650	16,347	10,765	14,023	70,959	21%	15%
Total	m3 SWE b/	472,196	101,763	109,141	70,709	77,153			
UNECE region									
Industrial roundwood	m3	1,191,600	64,048	98,888	5,322	9,177	1,156,760	8%	6%
Sawnwood	m3	303,733	86,689	137,701	34,434	46,715	252,722	45%	34%
Wood-based panels	m3	146,305	68,970	62,235	29,632	26,962	153,040	43%	45%
Paper and paperboard	m.t.	184,973	65,802	83,823	60,457	75,016	166,952	45%	39%
Total	m3 SWE b/	1,204,280	431,368	539,703	298,248	359,552	0		

Notes: a/ Excluding sleepers before 2017, b/ Solid wood equivalent, total excludes roundwood.

c/ Wood-based panels exclude veneer.

Exports and imports include intra-regional trade.

Source: UNECE/FAO, 2022.

Removals of industrial roundwood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
Europe	402,236	432,305	434,761	421,801	439,964	18,163	4.3	9.4
of which:								
Sweden	67,580	67,712	69,000	69,000	69,000	0	0.0	2.1
Germany	43,328	52,874	54,124	58,436	59,187	751	1.3	36.6
Finland	55,330	60,530	55,654	51,191	57,803	6,612	12.9	4.5
Poland	40,064	41,353	38,199	35,859	38,498	2,639	7.4	-3.9
Czechia	17,011	21,443	26,664	26,621	26,621	0	0.0	56.5
France	25,361	25,721	25,445	24,259	25,485	1,226	5.1	0.5
EECCA	219,363	245,174	228,892	228,327	227,612	-715	-0.3	3.8
of which:								
Russian Federation	197,612	219,569	203,194	201,891	201,891	0	0.0	2.2
Belarus	14,123	16,234	15,962	16,992	16,992	0	0.0	20.3
Ukraine	7,297	8,976	9,303	8,996	8,215	-781	-8.7	12.6
North America	531,598	548,139	527,519	510,243	524,024	13,781	2.7	-1.4
Canada	155,183	155,629	139,817	141,068	141,068	0	0.0	-9.1
United States	376,415	392,510	387,702	369,175	382,956	13,781	3.7	1.7

Industrial roundwood excludes woodfuel.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of industrial roundwood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	43,003	49,463	58,643	65,531	65,231	-300	-0.5	51.7
of which:								
Czechia	6,583	8,309	14,146	18,163	18,163	0	0.0	175.9
Germany	4,259	5,364	8,916	13,051	11,333	-1,718	-13.2	166.1
Poland	2,794	5,328	4,397	4,373	4,871	498	11.4	74.4
France	4,092	4,066	3,877	3,582	4,111	529	14.8	0.5
Norway	3,541	3,544	3,649	3,560	3,873	314	8.8	9.4
Belgium	1,503	1,770	2,339	3,320	3,348	28	0.8	122.7
EECCA	21,418	19,320	16,260	17,004	16,978	-27	-0.2	-20.7
of which:								
Russian Federation	19,430	19,197	15,857	16,276	16,276	0	0.0	-16.2
Belarus	1,976	5	268	596	596	0	0.0	-69.8
Kyrgyzstan	0	0	25	113	54	-59	-52.1	26850.0
North America	19,601	20,764	15,469	13,348	16,679	3,331	25.0	-14.9
Canada	7,402	8,494	7,546	5,994	7,265	1,271	21.2	-1.9
United States	12,200	12,270	7,922	7,355	9,415	2,060	28.0	-22.8
IMPORTS								
Europe	50,903	58,337	56,530	58,987	58,266	-721	-1.2	14.5
of which:								
Austria	8,825	10,113	10,586	12,298	10,864	-1,434	-11.7	23.1
Sweden	6,673	9,479	8,804	7,240	6,343	-897	-12.4	-5.0
Finland	4,830	6,935	6,234	6,274	6,298	24	0.4	30.4
Germany	8,783	8,910	7,318	6,081	6,084	3	0.0	-30.7
Belgium	3,373	4,133	4,253	5,387	5,745	357	6.6	70.3
Italy	2,846	3,860	3,374	2,694	3,090	397	14.7	8.6
EECCA	475	524	692	591	637	46	7.8	34.2
of which:								
Uzbekistan	218	260	268	295	259	-35	-12.0	19.0
Kazakhstan	129	151	192	136	181	45	33.6	39.9
Kyrgyzstan	11	2	138	78	55	-22	-28.9	401.8
North America	5,447	6,910	5,686	5,683	5,145	-538	-9.5	-5.5
Canada	4,293	5,133	4,744	4,364	4,373	9	0.2	1.9
United States	1,154	1,778	942	1,319	772	-547	-41.5	-33.1

Industrial roundwood excludes woodfuel.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of wood residues, chips and particles, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	14,466	15,140	14,870	15,050	14,784	-265	-1.8	2.2
of which:								
Latvia	1,871	1,871	2,128	2,051	2,355	304	14.8	25.9
Germany	2,558	2,739	2,762	2,940	2,258	-682	-23.2	-11.8
Estonia	744	750	1,172	1,251	1,403	152	12.2	88.7
Slovenia	745	836	963	847	921	74	8.8	23.7
Austria	561	612	483	514	829	316	61.5	48.0
Norway	876	1,171	943	756	818	62	8.2	-6.6
EECCA	5,169	6,499	8,018	8,150	8,150	0	0.0	57.7
of which:								
Belarus	1,822	3,176	4,323	3,963	3,963	0	0.0	117.5
Russian Federation	2,307	2,254	2,875	3,892	3,892	0	0.0	68.7
Ukraine	1,040	1,068	819	293	293	0	0.0	-71.8
North America	6,919	7,391	5,704	5,146	6,382	1,235	24.0	-7.8
Canada	776	618	296	227	587	361	159.2	-24.3
United States	6,144	6,773	5,408	4,919	5,794	875	17.8	-5.7
IMPORTS								
Europe	24,594	27,545	28,420	27,056	27,010	-46	-0.2	9.8
of which:								
Finland	2,844	3,262	4,146	4,674	4,653	-21	-0.4	63.6
Poland	1,608	2,155	3,004	2,864	2,527	-338	-11.8	57.1
France	1,408	1,877	2,406	2,510	2,186	-324	-12.9	55.3
Austria	1,825	2,451	2,020	2,085	2,010	-74	-3.6	10.2
Belgium	975	932	1,434	1,639	1,968	328	20.0	101.8
Portugal	1,736	1,719	1,998	864	1,758	894	103.5	1.2
EECCA	21	30	18	20	19	-1	-2.8	-9.5
of which:								
Kazakhstan	2	13	6	9	8	-1	-8.2	313.2
Russian Federation	4	4	4	4	4	0	0.0	5.4
Uzbekistan	0	0	1	2	2	0	18.6	493.4
North America	4,108	3,311	3,249	3,129	2,737	-391	-12.5	-33.4
Canada	3,445	2,999	3,120	2,993	2,521	-473	-15.8	-26.8
United States	662	312	129	135	216	81	60.2	-67.3

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of industrial roundwood, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Value	%	%
EXPORTS								
Europe	3,410,453	4,244,281	4,446,861	4,670,608	5,465,312	794,704	17.0	60.3
of which:								
Germany	420,917	543,612	770,104	985,086	1,136,332	151,246	15.4	170.0
Czechia	401,590	556,599	729,874	892,781	892,781	0	0.0	122.3
France	340,961	386,535	340,709	396,085	549,336	153,251	38.7	61.1
Poland	192,323	351,108	335,747	360,584	427,932	67,349	18.7	122.5
Belgium	265,122	298,424	239,024	264,278	325,249	60,971	23.1	22.7
Norway	207,649	238,293	244,156	213,620	275,839	62,219	29.1	32.8
EECCA	1,544,004	1,471,468	1,131,626	1,040,599	1,042,192	1,593	0.2	-32.5
of which:								
Russian Federation	1,466,574	1,461,729	1,115,339	1,022,416	1,022,416	0	0.0	-30.3
Belarus	76,278	185	6,358	13,546	13,546	0	0.0	-82.2
Kazakhstan	0	9,302	9,017	1,571	4,086	2,515	160.1	...
North America	3,133,977	3,114,606	2,213,661	1,977,142	2,669,099	691,957	35.0	-14.8
Canada	721,728	683,510	610,609	350,653	520,698	170,045	48.5	-27.9
United States	2,412,249	2,431,097	1,603,052	1,626,489	2,148,401	521,912	32.1	-10.9
IMPORTS								
Europe	3,754,071	4,575,298	3,982,419	3,765,998	4,800,995	1,034,997	27.5	27.9
of which:								
Austria	712,829	799,403	682,093	719,071	959,143	240,072	33.4	34.6
Germany	638,583	626,447	476,899	381,713	500,772	119,060	31.2	-21.6
Sweden	379,569	735,381	623,790	453,433	425,179	-28,254	-6.2	12.0
Finland	239,641	457,643	355,341	323,783	339,098	15,315	4.7	41.5
Belgium	254,634	302,587	213,491	221,417	280,393	58,976	26.6	10.1
Portugal	148,338	149,253	159,530	193,702	252,874	59,172	30.5	70.5
EECCA	42,839	41,907	49,822	42,004	50,225	8,221	19.6	17.2
of which:								
Kazakhstan	9,754	14,432	18,330	12,951	17,294	4,343	33.5	77.3
Uzbekistan	17,573	12,753	13,735	17,567	13,231	-4,335	-24.7	-24.7
Ukraine	1,018	3,232	977	1,166	8,165	6,999	600.2	702.1
North America	359,335	454,481	376,667	406,373	471,131	64,758	15.9	31.1
Canada	272,702	317,061	298,673	256,816	296,242	39,427	15.4	8.6
United States	86,632	137,421	77,994	149,558	174,889	25,331	16.9	101.9

Industrial roundwood excludes woodfuel.

Source: UNECE/FAO TIMBER database, 2022.

Industrial Roundwood balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Removals	402,236	432,305	434,761	421,801	439,964	435,065
Imports	50,903	58,337	56,530	58,987	58,266	45,854
Exports	43,003	49,463	58,643	65,531	65,231	58,099
Net trade	-7,901	-8,874	2,113	6,545	6,965	12,246
Apparent consumption	410,137	441,180	432,648	415,257	432,999	422,819
EECCA						
Removals	219,363	245,174	228,892	228,327	227,612	227,612
Imports	475	524	692	591	637	637
Exports	21,418	19,320	16,260	17,004	16,978	16,978
Net trade	20,944	18,796	15,568	16,414	16,341	16,341
Apparent consumption	198,419	226,378	213,324	211,914	211,271	211,271
North America						
Removals	531,598	548,139	527,519	510,243	524,024	513,294
Imports	5,447	6,910	5,686	5,683	5,145	3,354
Exports	19,601	20,764	15,469	13,348	16,679	13,327
Net trade	14,154	13,853	9,783	7,665	11,534	9,972
Apparent consumption	517,444	534,285	517,736	502,577	512,490	503,321
UNECE region						
Removals	1,153,197	1,225,618	1,191,172	1,160,371	1,191,600	1,175,971
Imports	56,825	65,771	62,908	65,261	64,048	49,845
Exports	84,022	89,547	90,372	95,884	98,888	88,404
Net trade	27,197	23,775	27,464	30,623	34,840	38,559
Apparent consumption	1,126,000	1,201,843	1,163,708	1,129,748	1,156,760	1,137,412

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Industrial roundwood excludes woodfuel.

Source: UNECE/FAO TIMBER database, 2022.

Softwood industrial roundwood balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Removals	314,383	338,695	341,885	335,585	350,278	344,285
Imports	34,127	39,606	37,509	40,106	39,210	36,259
Exports	30,844	35,871	44,500	52,425	51,375	44,670
Net trade	-3,283	-3,734	6,991	12,319	12,165	8,410
Apparent consumption	317,666	342,430	334,894	323,266	338,112	335,874
EECCA						
Removals	174,864	195,217	182,475	181,977	181,186	181,186
Imports	390	431	599	471	452	452
Exports	13,025	11,168	9,365	8,604	8,569	8,569
Net trade	12,635	10,737	8,766	8,133	8,117	8,117
Apparent consumption	162,230	184,480	173,710	173,843	173,069	173,069
North America						
Removals	413,405	422,708	407,896	408,583	421,824	413,404
Imports	3,420	4,995	3,880	4,206	3,666	2,058
Exports	16,204	17,834	13,103	11,156	14,221	11,123
Net trade	12,784	12,839	9,223	6,951	10,555	9,065
Apparent consumption	400,621	409,869	398,673	401,632	411,269	404,339
UNECE region						
Removals	902,652	956,620	932,256	926,145	953,288	938,875
Imports	37,937	45,032	41,989	44,783	43,328	38,770
Exports	60,072	64,873	66,968	72,186	74,165	64,362
Net trade	22,136	19,841	24,979	27,403	30,837	25,592
Apparent consumption	880,517	936,778	907,276	898,742	922,450	913,283

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Industrial roundwood excludes woodfuel.

Source: UNECE/FAO TIMBER database, 2022.

Hardwood industrial roundwood balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Removals	87,853	93,610	92,876	86,216	89,686	91,265
Imports	16,777	18,731	19,021	18,881	19,056	10,354
Exports	12,159	13,591	14,143	13,106	13,856	13,318
Net trade	-4,618	-5,140	-4,878	-5,774	-5,200	2,964
Apparent consumption	92,471	98,750	97,754	91,991	94,886	88,301
EECCA						
Removals	44,498	49,957	46,417	46,351	46,426	46,426
Imports	84	93	93	120	184	184
Exports	8,393	8,153	6,895	8,400	8,408	8,408
Net trade	8,309	8,059	6,803	8,280	8,224	8,224
Apparent consumption	36,189	41,898	39,614	38,070	38,202	38,202
North America						
Removals	118,194	125,431	119,623	101,659	102,200	99,868
Imports	2,027	1,915	1,806	1,477	1,479	1,322
Exports	3,398	2,929	2,366	2,192	2,458	2,853
Net trade	1,370	1,014	560	714	979	1,531
Apparent consumption	116,823	124,417	119,063	100,945	101,221	98,337
UNECE region						
Removals	250,545	268,998	258,916	234,226	238,312	237,559
Imports	18,888	20,739	20,919	20,478	20,720	11,861
Exports	23,950	24,673	23,404	23,698	24,723	24,580
Net trade	5,061	3,934	2,485	3,220	4,003	12,719
Apparent consumption	245,483	265,064	256,431	231,006	234,309	224,840

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Industrial roundwood excludes woodfuel.

Source: UNECE/FAO TIMBER database, 2022.

Production of sawn softwood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
Europe	110,972	112,691	112,660	114,798	118,210	3,413	3.0	6.5
of which:								
Germany	22,050	22,610	23,307 n	25,217 n	25,335 n	118	0.5	14.9
Sweden	18,309	18,273	18,630	18,400	19,000	600	3.3	3.8
Finland	11,705	11,810	11,360	10,880	11,900	1,020	9.4	1.7
Austria	9,675	10,206	10,233	10,305	10,582	277	2.7	9.4
France	6,661	6,728	6,559 n	6,798 n	7,712	914	13.4	15.8
Turkey	5,605	5,915	5,915	6,975	6,150	-825	-11.8	9.7
EECCA	44,551	47,144	49,815	46,299	46,365	66	0.1	4.1
of which:								
Russian Federation	37,820 e	39,492 e	41,266 e	38,918 e	38,918 r	0	0.0	2.9
Belarus	3,350 e	3,836	5,105	4,364	4,364 r	0	0.0	30.3
Ukraine	3,000 e	3,500 e	3,079 e	2,591	2,717 e	126	4.9	-9.4
North America	103,892	105,696	100,837	101,843	103,445	1,601	1.6	-0.4
Canada	46,292 e	46,353 e	40,795 e	39,397 e	40,285 e	887	2.3	-13.0
United States	57,600	59,344	60,042	62,446	63,160	714	1.1	9.7

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of sawn softwood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	52,040	53,700	55,438	57,736	58,809	1,072	1.9	13.0
of which:								
Sweden	12,966	12,297	12,601	13,976	12,560	-1,416	-10.1	-3.1
Germany	7,538	8,263	8,889	9,677	10,508	831	8.6	39.4
Finland	9,358	8,685	8,955	8,198	8,715	518	6.3	-6.9
Austria	5,449	5,919	6,068	5,951	5,982	32	0.5	9.8
Czechia	2,224 e	3,750	3,520 e	3,503 e	3,503 r	0	0.0	57.5
Latvia	2,878	2,764	3,002	3,037	3,152	115	3.8	9.5
EECCA	33,006	36,754	38,483	36,788	36,566	-222	-0.6	10.8
of which:								
Russian Federation	28,009	29,986	31,474	29,833	29,833 r	0	0.0	6.5
Belarus	2,290	3,347	3,987	3,937	3,937	0	0.0	71.9
Ukraine	2,701 e	3,189 e	2,811	3,000 e	2,744	-256	-8.5	1.6
North America	33,946	32,516	29,740	28,198	29,225	1,027	3.6	-13.9
Canada	31,056 e	29,630 e	27,431 e	26,239 e	26,663 e	423	1.6	-14.1
United States	2,890 e	2,886 e	2,309 e	1,959 e	2,562 e	604	30.8	-11.3
IMPORTS								
Europe	38,562	40,027	40,695	41,043	46,761	5,718	13.9	21.3
of which:								
United Kingdom	7,088	6,626	6,437	6,677	7,623	946	14.2	7.6
Belgium	1,481 e	1,370 e	2,210 e	3,089 e	6,002 e	2,912	94.3	305.2
Germany	4,819	5,162	4,868	5,042	5,198	156	3.1	7.9
Italy	4,203	3,915	4,926	3,381	4,042	661	19.6	-3.8
Netherlands	2,789	3,102	2,989	3,132	3,132 r	0	0.0	12.3
France	2,443	2,525	2,478	2,438 n	2,846 n	408	16.7	16.5
EECCA	4,822	5,181	4,512	4,385	4,076	-309	-7.1	-15.5
of which:								
Uzbekistan	2,164	2,746	2,663	2,664	2,204	-460	-17.3	1.8
Azerbaijan	836	1,034	972	951	951 r	0	0.0	13.8
Kazakhstan	316 r	262 e	288 e	244 e	394 e	150	61.4	24.7
North America	27,624	26,278	25,174	26,257	27,710	1,453	5.5	0.3
Canada	929 e	792 e	646 e	627 e	748 e	122	19.4	-19.5
United States	26,695 e	25,486 e	24,528 e	25,631 e	26,962 e	1,331	5.2	1.0

Source: UNECE/FAO TIMBER database, 2022.

Sawn softwood balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	110,972	112,691	112,660	114,798	118,210	116,095
Imports	38,562	40,027	40,695	41,043	46,761	39,029
Exports	52,040	53,700	55,438	57,736	58,809	57,386
Net trade	13,479	13,673	14,742	16,694	12,048	18,357
Apparent consumption	97,493	99,018	97,917	98,104	106,162	97,738
EECCA						
Production	44,551	47,144	49,815	46,299	46,365	46,365
Imports	4,822	5,181	4,512	4,385	4,076	4,076
Exports	33,006	36,754	38,483	36,788	36,566	36,566
Net trade	28,184	31,572	33,971	32,402	32,490	32,490
Apparent consumption	16,367	15,572	15,844	13,896	13,875	13,875
North America						
Production	103,892	105,696	100,837	101,843	103,445	96,667
Imports	27,624	26,278	25,174	26,257	27,710	20,227
Exports	33,946	32,516	29,740	28,198	29,225	26,866
Net trade	6,322	6,238	4,566	1,941	1,515	6,639
Apparent consumption	97,571	99,458	96,271	99,902	101,930	90,028
UNECE region						
Production	259,415	265,532	263,312	262,939	268,019	259,127
Imports	71,008	71,485	70,381	71,685	78,547	63,332
Exports	118,992	122,969	123,661	122,722	124,600	120,818
Net trade	47,984	51,484	53,279	51,037	46,053	57,486
Apparent consumption	211,431	214,048	210,033	211,902	221,966	201,641

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of sawn softwood, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%	%	%
EXPORTS									
Europe	11,601,846	13,086,826	12,115,400	12,786,335	20,729,333	7,942,998	62.1	78.7	
of which:									
Sweden	3,059,154	3,254,401	3,013,489	3,360,137	5,328,248	1,968,112	58.6	74.2	
Germany	1,713,364	2,078,501	1,900,317	2,169,063	3,864,405	1,695,342	78.2	125.5	
Finland	2,038,575	2,158,573	1,928,396	1,764,750	3,029,962	1,265,212	71.7	48.6	
Austria	1,256,278	1,483,755	1,363,133	1,324,483	2,214,361	889,878	67.2	76.3	
Latvia	634,485	712,454	679,379	688,216	1,285,978	597,761	86.9	102.7	
Romania	296,036	319,969	278,314	329,239	524,454	195,215	59.3	77.2	
EECCA	4,323,587	5,121,317	5,088,761	4,876,957	5,064,531	187,574	3.8	17.1	
of which:									
Russian Federation	3,738,516	4,208,541	4,224,266	4,004,033	4,004,033 r	0	0.0	7.1	
Ukraine	319,209	435,995	368,349	388,942 e	569,582	180,640	46.4	78.4	
Belarus	265,293	444,115	465,398	480,397	480,397	0	0.0	81.1	
North America	9,170,231	9,069,436	6,924,359	8,289,533	14,307,857	6,018,324	72.6	56.0	
Canada	8,040,514	7,931,717	6,001,095	7,483,156	13,076,814	5,593,658	74.7	62.6	
United States	1,129,717	1,137,719	923,264	806,376	1,231,043	424,666	52.7	9.0	
IMPORTS									
Europe	8,940,914	10,133,541	8,837,214	9,567,677	15,766,695	6,199,018	64.8	76.3	
of which:									
United Kingdom	1,679,308	1,896,198	1,643,637	1,670,255	3,280,145	1,609,891	96.4	95.3	
France	701,691	789,319	729,321	1,286,044 n	2,266,027 n	979,983	76.2	222.9	
Germany	1,129,538	1,304,168	1,123,982	1,164,741	1,909,954	745,213	64.0	69.1	
Italy	892,708	940,219	801,676	733,403	1,412,895	679,492	92.6	58.3	
Belgium	480,340	507,473	387,577	454,709	883,341	428,632	94.3	83.9	
Netherlands	662,080	783,448	696,451	727,871	727,871 r	0	0.0	9.9	
EECCA	532,166	617,662	584,881	565,189	594,207	29,019	5.1	11.7	
of which:									
Uzbekistan	276,084	354,480	319,205	321,837	329,832	7,996	2.5	19.5	
Azerbaijan	92,549	126,661	127,683	115,812	115,812 r	0	0.0	25.1	
Kazakhstan	35,904 r	29,968	33,032	27,956	45,127	17,172	61.4	25.7	
North America	6,890,589	6,946,386	5,481,291	7,783,451	13,543,891	5,760,440	74.0	96.6	
Canada	259,808 e	250,585	191,099	196,408	347,628	151,221	77.0	33.8	
United States	6,630,781	6,695,801	5,290,192	7,587,043	13,196,263	5,609,219	73.9	99.0	

Source: UNECE/FAO TIMBER database, 2022.

Production of sawn hardwood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
Europe	14,461	14,123	13,902	13,039	14,037	998	7.7	-2.9
of which:								
Turkey	2,511	2,290	2,290	2,400	2,800	400	16.7	11.5
Romania	1,600 e	1,600 e	1,600 e	1,615 e	1,700 e	85	5.3	6.3
France	1,498	1,366	1,254 n	1,336 n	1,332	-4	-0.3	-11.1
Germany	1,117	1,160	1,266 n	1,002 n	1,103 n	101	10.0	-1.3
Croatia	1,190	1,161	1,199	1,042	1,042	0	0.0	-12.5
Bosnia and Herzegov	1,229	1,040	1,015	857	907 n	50	5.8	-26.2
EECCA	3,718	4,125	4,346	3,641	3,477	-164	-4.5	-6.5
of which:								
Russian Federation	2,764 e	3,209 e	3,500 e	2,879 e	2,879 r	0	0.0	4.1
Ukraine	650 e	600 e	504	434	287 e	-147	-33.9	-55.8
Belarus	209	210	250	229	229 r	0	0.0	9.6
North America	24,343	23,905	23,462	17,685	18,200	515	2.9	-25.2
Canada	1,569	1,251	1,032	997	874	-124	-12.4	-44.3
United States	22,774	22,654	22,429	16,688	17,326	639	3.8	-23.9

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of sawn hardwood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	6,465	6,165	6,072	5,952	6,929	977	16.4	7.2
of which:								
Croatia	1,022	872	904	851	1,034	183	21.5	1.2
Germany	811	780	768	702	758	56	8.0	-6.5
Latvia	420	438	457	462	640	179	38.7	52.4
France	597	561	532	470 n	591 n	121	25.7	-1.0
Romania	642	564	534	502	534	33	6.5	-16.8
Belgium	336	398 e	385 e	473 e	524 e	51	10.8	56.0
EECCA	2,427	2,605	2,417	2,003	2,007	4	0.2	-17.3
of which:								
Russian Federation	1,679	1,930 e	1,888 e	1,544	1,544 r	0	0.0	-8.0
Ukraine	579 e	522 e	364	298	298	0	0.0	-48.6
Belarus	94	79	92	159	159	0	0.0	70.5
North America	5,086	5,046	4,308	4,007	4,165	159	4.0	-18.1
Canada	581	578	598	495	470	-25	-5.1	-19.2
United States	4,505	4,468	3,710	3,511	3,695	184	5.2	-18.0
IMPORTS								
Europe	5,320	6,137	6,658	5,910	6,507	597	10.1	22.3
of which:								
Denmark	99 r	560	834	834 r	834 r	0	0.0	742.5
Italy	1,001	896	775	670	751	81	12.1	-25.0
Belgium	370	436 e	743 e	476 e	639 e	162	34.0	72.8
United Kingdom	575	587	603	541	536	-5	-1.0	-6.8
Germany	417	392	413	409	488	79	19.4	17.1
Netherlands	375	413	366	349	349 r	0	0.0	-6.9
EECCA	236	271	152	97	121	25	25.6	-48.5
of which:								
Kazakhstan	22 r	30 e	28 e	31 e	36 e	5	17.6	62.3
Uzbekistan	11 r	41	38	21	35	14	66.2	213.1
Belarus	25	23	23	23	23	0	0.0	-5.7
North America	1,564	1,779	1,652	1,361	1,514	153	11.2	-3.2
Canada	841 e	825	879	731	798	66	9.0	-5.2
United States	723	954	773	630	717	87	13.8	-0.9

Source: UNECE/FAO TIMBER database, 2022.

Sawn hardwood balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	14,461	14,123	13,902	13,039	14,037	14,002
Imports	5,320	6,137	6,658	5,910	6,507	6,271
Exports	6,465	6,165	6,072	5,952	6,929	7,223
Net trade	1,145	28	-586	42	422	953
Apparent consumption	13,315	14,095	14,488	12,997	13,615	13,050
EECCA						
Production	3,718	4,125	4,346	3,641	3,477	3,477
Imports	236	271	152	97	121	121
Exports	2,427	2,605	2,417	2,003	2,007	2,007
Net trade	2,191	2,335	2,264	1,906	1,886	1,886
Apparent consumption	1,527	1,791	2,082	1,734	1,591	1,591
North America						
Production	24,343	23,905	23,462	17,685	18,200	16,805
Imports	1,564	1,779	1,652	1,361	1,514	1,698
Exports	5,086	5,046	4,308	4,007	4,165	4,233
Net trade	3,521	3,266	2,656	2,645	2,651	2,535
Apparent consumption	20,822	20,639	20,805	15,040	15,549	14,270
UNECE region						
Production	42,522	42,153	41,709	34,364	35,714	34,285
Imports	7,120	8,188	8,462	7,368	8,143	8,090
Exports	13,978	13,816	12,796	11,961	13,101	13,464
Net trade	6,858	5,629	4,335	4,593	4,958	5,374
Apparent consumption	35,664	36,525	37,375	29,771	30,755	28,911

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of sawn hardwood, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%	%	%
EXPORTS									
Europe	2,882,871	3,136,064	2,895,508	2,692,444	3,562,970	870,526	32.3	23.6	
of which:									
Germany	445,743	456,867	431,385	411,666	504,947	93,281	22.7	13.3	
France	272,289	282,719	249,506	310,691 n	436,884 n	126,194	40.6	60.4	
Croatia	352,141	394,722	361,137	324,403	424,614	100,211	30.9	20.6	
Belgium	277,553	329,103	317,605	164,974	266,474	101,500	61.5	-4.0	
Romania	239,216	231,549	214,618	198,312	245,480	47,168	23.8	2.6	
Italy	179,142	185,839	187,785	166,943	215,679	48,737	29.2	20.4	
EECCA	433,558	489,834	478,876	383,852	387,295	3,443	0.9	-10.7	
of which:									
Russian Federation	258,977	303,577	294,034	223,449	223,449 r	0	0.0	-13.7	
Ukraine	141,853	151,389	148,295	126,647	126,647	0	0.0	-10.7	
Belarus	11,718	12,467	14,748	22,790	22,790	0	0.0	94.5	
North America	2,950,713	2,963,580	2,375,884	2,174,350	2,663,239	488,888	22.5	-9.7	
Canada	288,356	309,340	320,220	261,433	334,972	73,539	28.1	16.2	
United States	2,662,357	2,654,241	2,055,664	1,912,917	2,328,267	415,349	21.7	-12.5	
IMPORTS									
Europe	3,030,738	3,449,298	3,197,947	2,948,151	3,518,641	570,489	19.4	16.1	
of which:									
United Kingdom	426,505	429,011	395,653	364,358	391,324	26,967	7.4	-8.2	
France	203,524	229,758	231,174	303,665 n	358,229 n	54,564	18.0	76.0	
Italy	364,640	394,609	336,568	285,206	346,896	61,690	21.6	-4.9	
Germany	260,325	279,597	246,386	248,236	335,367	87,131	35.1	28.8	
Belgium	308,354	363,969	370,448	240,730	322,655	81,925	34.0	4.6	
Netherlands	229,648	300,989	253,340	243,711	243,711 r	0	0.0	6.1	
EECCA	34,992	41,322	32,797	25,237	32,450	7,214	28.6	-7.3	
of which:									
Belarus	8,564	7,777	7,955	6,993	6,993	0	0.0	-18.4	
Ukraine	4,028	3,734	2,995	1,143	6,571	5,428	474.7	63.1	
Kazakhstan	2,366 r	4,348	3,985	4,367	5,137	771	17.6	117.1	
North America	852,323	857,753	901,257	760,876	978,053	217,177	28.5	14.8	
Canada	335,012 e	365,767	397,036	336,664	445,430	108,766	32.3	33.0	
United States	517,311	491,987	504,220	424,211	532,622	108,411	25.6	3.0	

Source: UNECE/FAO TIMBER database, 2022.

Production of plywood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
Europe	5,278	5,234	5,240	4,907	5,181	274	5.6	-1.8
of which:								
Finland	1,240	1,230	1,090	990	1,130	140	14.1	-8.9
Spain	509	541	565	508	582	74	14.6	14.3
Poland	546	583	519	483	490	7	1.5	-10.3
Slovakia	483	472	453	417	307	-110	-26.3	-36.3
Latvia	324	324	307	307	307	0	0.0	-5.2
France	254	258	253	234	270	36	15.4	6.3
EECCA	4,249	4,520	4,542	4,534	4,677	143	3.2	10.1
of which:								
Russian Federation	3,729	4,013	4,061	3,999	3,999	0	0.0	7.2
Belarus	258	297	300	343	343	0	0.0	32.9
Ukraine	180	190	177	181	193	12	6.6	7.2
North America	13,853	11,847	11,847	11,172	11,403	231	2.1	-17.7
Canada	2,253	1,742	1,922	1,672	1,698	26	1.6	-24.6
United States	11,600	10,104	9,925	9,500	9,705	205	2.2	-16.3

Note: From 2017 US figures include laminated veneer lumber (LVL).

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of plywood, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	4,609	4,603	4,489	4,201	4,807	607	14.4	4.3
of which:								
Finland	1,039	1,012	918	828	955	127	15.3	-8.0
Germany	381	393	376	373	382	9	2.4	0.1
Austria	348	307	309	299	357	58	19.5	2.6
Poland	307	336	286	309	350	41	13.3	13.8
Latvia	345	345	334	357	340	-17	-4.8	-1.3
Belgium	404	395	352	214	334	120	56.2	-17.3
EECCA	2,844	3,078	3,132	3,366	3,368	2	0.1	18.4
of which:								
Russian Federation	2,483	2,696	2,748	2,904	2,904	0	0.0	17.0
Belarus	220	242	253	332	332	0	0.0	50.9
Ukraine	134	136	126	126	126	0	0.0	-5.7
North America	1,606	1,433	1,211	1,071	1,393	322	30.1	-13.2
Canada	670	733	655	543	634	92	16.9	-5.3
United States	936	700	556	528	759	230	43.6	-18.9
IMPORTS								
Europe	8,220	8,845	8,398	8,098	8,966	868	10.7	9.1
of which:								
United Kingdom	1,215	1,598	1,453	1,362	1,541	179	13.1	26.8
Germany	1,528	1,620	1,486	1,437	1,464	27	1.9	-4.2
France	529	539	533	649	859	210	32.4	62.4
Netherlands	632	640	605	635	635	0	0.0	0.4
Belgium	589	589	501	423	574	151	35.7	-2.7
Italy	539	527	602	413	530	117	28.4	-1.7
EECCA	481	490	490	515	548	32	6.3	14.0
of which:								
Russian Federation	67	74	75	120	120	0	0.0	79.2
Azerbaijan	96	105	96	104	104	0	0.0	8.0
Kazakhstan	77	62	59	56	95	38	68.4	22.3
North America	6,678	7,028	6,070	7,635	9,537	1,902	24.9	42.8
Canada	1,744	1,562	1,406	1,174	1,452	277	23.6	-16.8
United States	4,934	5,466	4,664	6,461	8,086	1,625	25.2	63.9

Source: UNECE/FAO TIMBER database, 2022.

Plywood balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	5,278	5,234	5,240	4,907	5,181	5,177
Imports	8,220	8,845	8,398	8,098	8,966	8,868
Exports	4,609	4,603	4,489	4,201	4,807	4,730
Net trade	-3,612	-4,242	-3,909	-3,897	-4,159	-4,138
Apparent consumption	8,889	9,476	9,149	8,804	9,339	9,316
EECCA						
Production	4,249	4,520	4,542	4,534	4,677	4,677
Imports	481	490	490	515	548	548
Exports	2,844	3,078	3,132	3,366	3,368	3,368
Net trade	2,364	2,588	2,642	2,851	2,820	2,820
Apparent consumption	1,885	1,931	1,901	1,683	1,857	1,857
North America						
Production	13,853	11,847	11,847	11,172	11,403	11,042
Imports	6,678	7,028	6,070	7,635	9,537	7,676
Exports	1,606	1,433	1,211	1,071	1,393	1,099
Net trade	-5,072	-5,595	-4,858	-6,564	-8,144	-6,577
Apparent consumption	18,926	17,442	16,706	17,735	19,547	17,619
UNECE region						
Production	23,380	21,600	21,630	20,613	21,261	20,896
Imports	15,379	16,363	14,958	16,248	19,051	17,091
Exports	9,059	9,114	8,833	8,638	9,569	9,196
Net trade	-6,320	-7,249	-6,125	-7,610	-9,482	-7,895
Apparent consumption	29,700	28,849	27,755	28,223	30,743	28,791

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of plywood, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Value	%	%
EXPORTS								
Europe	3,279,867	3,615,585	3,388,026	3,197,932	4,163,211	965,280	30.2	26.9
of which:								
Finland	637,298	660,397	563,348	496,552	648,279	151,726	30.6	1.7
Germany	309,210	332,043	296,744	287,704	380,297	92,593	32.2	23.0
Austria	253,669	251,695	252,132	246,196	378,990	132,794	53.9	49.4
Spain	287,886	328,351	305,471	242,962	320,919	77,957	32.1	11.5
Latvia	256,734	256,734	258,376	264,322	306,369	42,047	15.9	19.3
Italy	228,691	253,493	253,536	226,164	305,911	79,747	35.3	33.8
EECCA	1,227,618	1,521,085	1,299,821	1,343,444	1,344,342	898	0.1	9.5
of which:								
Russian Federation	1,103,323	1,353,029	1,140,156	1,155,560	1,155,560	0	0.0	4.7
Belarus	78,559	110,324	97,123	124,886	124,886	0	0.0	59.0
Ukraine	40,415	55,500	60,176	60,345	60,345	0	0.0	49.3
North America	755,906	714,946	609,040	589,638	882,718	293,080	49.7	16.8
Canada	341,224	384,195	364,906	368,351	519,555	151,203	41.0	52.3
United States	414,682	330,751	244,135	221,287	363,164	141,877	64.1	-12.4
IMPORTS								
Europe	4,629,709	5,168,280	4,507,786	4,389,680	5,778,349	1,388,670	31.6	24.8
of which:								
Germany	879,536	998,980	882,551	814,806	1,101,932	287,126	35.2	25.3
United Kingdom	673,381	764,360	650,148	551,108	805,658	254,550	46.2	19.6
France	396,074	433,099	414,330	503,968	666,778	162,810	32.3	68.3
Netherlands	289,332	359,985	349,756	364,027	364,027	0	0.0	25.8
Italy	248,606	297,906	230,429	211,336	358,046	146,711	69.4	44.0
Poland	163,988	196,335	166,268	191,503	250,767	59,264	30.9	52.9
EECCA	212,807	216,281	198,094	182,398	219,074	36,676	20.1	2.9
of which:								
Kazakhstan	40,676	28,918	27,501	26,054	43,986	17,932	68.8	8.1
Russian Federation	37,027	41,857	35,458	35,458	35,458	0	0.0	-4.2
Azerbaijan	30,016	41,461	28,742	30,435	30,435	0	0.0	1.4
North America	3,332,674	3,679,383	2,838,332	3,021,866	4,689,088	1,667,222	55.2	40.7
Canada	415,912	414,729	373,691	365,173	622,746	257,573	70.5	49.7
United States	2,916,762	3,264,654	2,464,641	2,656,694	4,066,342	1,409,648	53.1	39.4

Source: UNECE/FAO TIMBER database, 2022.

Production of particle board (excluding OSB), 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
Europe	37,591	37,259	37,132	35,259	37,478	2,219	6.3	-0.3
of which:								
Poland	4,705	4,888	5,650	5,739	6,050	311	5.4	28.6
Germany	5,759	5,757	5,715	5,556	6,036	480	8.6	4.8
Turkey	4,286	4,355	4,355	4,075	4,075	0	0.0	-4.9
Italy	2,381	2,978	3,070	2,670	2,670	0	0.0	12.1
Austria	2,390	2,419	2,350	2,330	2,550	220	9.4	6.7
France	3,395	3,508	2,796	2,221	2,194	-27	-1.2	-35.4
EECCA	10,207	11,909	10,864	10,565	11,129	563	5.3	9.0
of which:								
Russian Federation	6,895	7,330	7,151	6,731	6,731	0	0.0	-2.4
Ukraine	1,388	2,405	2,121	2,053	2,611	558	27.2	88.1
Belarus	1,705	1,749	1,290	1,400	1,400	0	0.0	-17.9
North America	5,874	5,968	6,065	5,552	5,783	231	4.2	-1.6
Canada	1,745	1,803	1,718	1,416	1,647	231	16.3	-5.6
United States	4,129	4,165	4,347	4,136	4,136	0	0.0	0.2

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of particle board (excluding OSB), 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	13,742	13,745	13,777	13,201	15,141	1,940	14.7	10.2
of which:								
Germany	1,889	1,920	1,824	1,679	2,162	483	28.8	14.5
Austria	1,947	1,930	1,968	1,919	2,046	127	6.6	5.1
France	1,439	1,456	1,467	1,245	1,689	444	35.7	17.3
Belgium	814	776	1,010	795	1,195	400	50.3	46.8
Romania	975	986	903	903	979	76	8.4	0.4
Spain	726	781	723	643	814	171	26.6	12.1
EECCA	3,430	3,344	3,333	3,104	3,107	4	0.1	-9.4
of which:								
Russian Federation	1,703	1,778	1,983	1,739	1,739	0	0.0	2.1
Belarus	1,166	1,064	964	1,013	1,013	0	0.0	-13.1
Ukraine	519	457	329	308	308	0	0.0	-40.5
North America	1,162	2,594	1,271	1,122	1,241	119	10.6	6.8
Canada	887	2,280	891	759	754	-6	-0.7	-15.0
United States	275	315	380	363	488	125	34.5	77.2
IMPORTS								
Europe	13,117	13,042	12,710	11,803	12,849	1,047	8.9	-2.0
of which:								
Germany	2,176	2,119	1,995	1,948	2,142	193	9.9	-1.6
Poland	2,040	1,953	1,748	1,626	1,975	349	21.5	-3.2
Italy	1,043	1,095	1,104	959	1,093	134	14.0	4.8
France	755	669	656	542	993	452	83.4	31.6
United Kingdom	915	978	848	590	574	-16	-2.7	-37.2
Spain	489	461	446	446	533	87	19.4	8.9
EECCA	2,070	2,133	2,337	2,348	2,779	431	18.4	34.3
of which:								
Kazakhstan	498	391	394	333	616	283	84.7	23.6
Uzbekistan	430	523	661	532	599	67	12.6	39.1
Russian Federation	254	275	239	299	299	0	0.0	17.5
North America	1,922	1,833	1,894	1,943	2,080	137	7.1	8.2
Canada	684	500	465	480	618	138	28.7	-9.6
United States	1,238	1,333	1,429	1,462	1,462	0	0.0	18.1

Source: UNECE/FAO TIMBER database, 2022.

Particle board (excluding OSB) balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	37,591	37,259	37,132	35,259	37,478	37,641
Imports	13,117	13,042	12,710	11,803	12,849	12,888
Exports	13,742	13,745	13,777	13,201	15,141	14,468
Net trade	625	703	1,067	1,398	2,292	1,580
Apparent consumption	36,966	36,556	36,065	33,861	35,186	36,061
EECCA						
Production	10,207	11,909	10,864	10,565	11,129	11,129
Imports	2,070	2,133	2,337	2,348	2,779	2,779
Exports	3,430	3,344	3,333	3,104	3,107	3,107
Net trade	1,360	1,211	996	756	328	328
Apparent consumption	8,847	10,698	9,868	9,810	10,800	10,800
North America						
Production	5,874	5,968	6,065	5,552	5,783	6,055
Imports	1,922	1,833	1,894	1,943	2,080	2,082
Exports	1,162	2,594	1,271	1,122	1,241	1,193
Net trade	-760	762	-623	-821	-839	-890
Apparent consumption	6,634	5,207	6,688	6,373	6,622	6,945
UNECE region						
Production	53,672	55,136	54,061	51,376	54,390	54,825
Imports	17,108	17,008	16,941	16,093	17,709	17,750
Exports	18,333	19,683	18,381	17,427	19,490	18,768
Net trade	1,225	2,675	1,440	1,333	1,781	1,019
Apparent consumption	52,447	52,461	52,621	50,043	52,609	53,806

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of particle board (excluding OSB), 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	3,641,573	3,996,782	3,708,831	3,515,992	4,699,012	1,183,020	33.6	29.0
of which:								
Austria	703,546	757,301	725,608	691,896	878,297	186,401	26.9	24.8
Germany	544,993	598,815	531,658	487,060	687,026	199,966	41.1	26.1
France	360,451	402,377	373,380	320,793	435,668	114,875	35.8	20.9
Italy	211,375	248,188	259,024	261,547	340,802	79,255	30.3	61.2
Romania	264,082	278,207	243,082	230,182	325,468	95,286	41.4	23.2
Belgium	230,849	250,684	232,671	183,018	266,958	83,940	45.9	15.6
EECCA	508,792	580,277	521,390	462,290	466,769	4,479	1.0	-8.3
of which:								
Russian Federation	249,084	306,535	303,774	258,677	258,677	0	0.0	3.9
Belarus	163,862	175,836	144,314	143,965	143,965	0	0.0	-12.1
Ukraine	87,612	88,365	61,872	52,476	52,476	0	0.0	-40.1
North America	362,044	356,672	386,830	342,576	433,410	90,834	26.5	19.7
Canada	272,177	259,722	266,768	221,604	258,037	36,434	16.4	-5.2
United States	89,867	96,950	120,062	120,972	175,373	54,401	45.0	95.1
IMPORTS								
Europe	3,230,137	3,535,253	3,222,450	3,038,108	3,956,016	917,909	30.2	22.5
of which:								
Germany	574,890	617,822	558,495	533,470	716,618	183,148	34.3	24.7
Poland	345,705	398,577	319,168	324,849	441,068	116,219	35.8	27.6
France	257,941	245,668	230,035	203,037	368,683	165,646	81.6	42.9
Italy	216,004	251,575	226,129	188,183	280,834	92,652	49.2	30.0
United Kingdom	248,066	272,783	229,219	157,933	227,533	69,600	44.1	-8.3
Sweden	133,665	140,302	129,786	140,739	176,146	35,407	25.2	31.8
EECCA	434,950	467,367	457,750	412,783	564,940	152,157	36.9	29.9
of which:								
Kazakhstan	133,961	89,423	90,224	76,232	141,442	65,210	85.5	5.6
Uzbekistan	64,299	98,086	92,721	79,762	133,755	53,993	67.7	108.0
Russian Federation	60,662	62,299	53,775	59,796	59,796	0	0.0	-1.4
North America	432,548	416,528	460,418	430,940	510,215	79,275	18.4	18.0
Canada	99,092	106,488	118,824	130,388	177,627	47,239	36.2	79.3
United States	333,457	310,040	341,594	300,552	332,588	32,036	10.7	-0.3

Source: UNECE/FAO TIMBER database, 2022.

Production of OSB, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 20
						Volume	%	%
Europe	7,427	7,468	7,465	7,531	8,078	547	7.3	8.8
of which:								
Romania	1,457	1,412	1,273	1,068	1,321	253	23.7	-9.3
Germany	1,452 n	1,230 n	1,163 n	1,234 n	1,282 n	48	3.9	-11.7
Poland	911	975	938	833	1,050	217	26.1	15.2
Czechia	673	719	905	924 n	924 r	0	0.0	37.3
Latvia	650 e	630 e	548 e	670 e	670 r	0	0.0	3.0
United Kingdom	355 e	465 e	561 e	598 e	598 r	0	0.0	68.3
EECCA	1,775	2,157	2,040	2,399	2,399	0	0.0	35.2
of which:								
Russian Federation	1,010 e	1,334 e	1,377 e	1,626 e	1,626 r	0	0.0	61.0
Belarus	612	670	510 e	620 e	620 r	0	0.0	1.3
Ukraine	153 e	153 r	153 r	153 r	153 r	0	0.0	0.0
North America	20,083	20,818	21,066	20,342	21,079	737	3.6	5.0
Canada	7,153	7,429	7,631	6,629	7,240	611	9.2	1.2
United States	12,930	13,389	13,435	13,713	13,839	126	0.9	7.0

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of OSB, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	4,430	4,364	4,277	4,758	4,713	-45	-1.0	6.4
of which:								
Romania	884	784	810	832	779	-53	-6.4	-12.0
Czechia	650	685	651	727	727 r	0	0.0	11.8
Latvia	652	645 e	539	653	562	-91	-13.9	-13.8
Germany	520	513	525 n	511	555	43	8.5	6.7
Belgium	285 e	322 e	299	330	510 e	180	54.6	78.7
Poland	373	387	364	413	419	6	1.4	12.2
EECCA	852	868	710	967	952	-14	-1.5	11.8
of which:								
Belarus	727	608	426	574	574	0	0.0	-21.0
Russian Federation	114 e	257 e	279 e	362 e	362 r	0	0.0	217.3
Ukraine	10 e	3 e	4	10	10	0	0.0	4.3
North America	6,102	6,465	5,887	5,456	5,912	457	8.4	-3.1
Canada	5,937	6,273	5,698	5,250	5,766	516	9.8	-2.9
United States	164	192	189	205	146	-59	-28.8	-11.2
IMPORTS								
Europe	3,636	3,784	3,687	4,165	4,408	242	5.8	21.2
of which:								
Belgium	282 e	305 e	293	352 e	748	397	112.8	164.8
Germany	762	848	792 n	856	746	-111	-12.9	-2.2
United Kingdom	373	350	399	414	461	47	11.3	23.4
Poland	135	110	124	246	366	121	49.2	171.7
Italy	197	211	172	231	208	-23	-10.1	5.6
Austria	173	176	165	182	191	9	5.1	10.8
EECCA	708	670	493	617	597	-20	-3.2	-15.6
of which:								
Russian Federation	393 e	388 e	246 e	351	351 r	0	0.0	-10.8
Ukraine	167 e	139 e	82	82 r	82	0	0.0	-51.1
Kazakhstan	85 r	75 e	66 e	61 e	71 e	10	16.5	-17.0
North America	5,717	5,798	5,568	5,197	6,251	1,054	20.3	9.3
Canada	148	131	149	132	122	-9	-6.9	-17.4
United States	5,569 e	5,667 e	5,419 e	5,066	6,128	1,063	21.0	10.0

Source: UNECE/FAO TIMBER database, 2022.

OSB balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	7,427	7,468	7,465	7,531	8,078	5,847
Imports	3,636	3,784	3,687	4,165	4,408	4,392
Exports	4,430	4,364	4,277	4,758	4,713	4,152
Net trade	794	580	590	592	305	-240
Apparent consumption	6,634	6,888	6,875	6,939	7,773	6,087
EECCA						
Production	1,775	2,157	2,040	2,399	2,399	2,399
Imports	708	670	493	617	597	597
Exports	852	868	710	967	952	952
Net trade	144	198	217	350	355	355
Apparent consumption	1,631	1,959	1,823	2,049	2,044	2,044
North America						
Production	20,083	20,818	21,066	20,342	21,079	22,070
Imports	5,717	5,798	5,568	5,197	6,251	3,655
Exports	6,102	6,465	5,887	5,456	5,912	6,240
Net trade	385	667	319	258	-338	2,585
Apparent consumption	19,698	20,150	20,747	20,084	21,417	19,486
UNECE region						
Production	29,285	30,442	30,571	30,272	31,556	30,316
Imports	10,061	10,252	9,747	9,980	11,256	8,645
Exports	11,383	11,697	10,874	11,180	11,577	11,344
Net trade	1,322	1,446	1,127	1,200	321	2,699
Apparent consumption	27,963	28,997	29,444	29,072	31,234	27,617

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of OSB, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%	%	%
EXPORTS									
Europe	1,013,950	1,230,644	1,122,797	1,189,632	1,874,102	684,470	57.5	84.8	
of which:									
Romania	198,618	217,449	188,874	179,390	287,415	108,024	60.2	44.7	
Latvia	144,778	144,778 r	137,018	144,778	263,061	118,282	81.7	81.7	
Germany	133,202	161,336	148,490 n	135,844	231,568	95,725	70.5	73.8	
Luxembourg	60,232	60,021	58,556	106,667	213,390	106,723	100.1	254.3	
Czechia	105,486	181,731	155,634	186,010	186,010 r	0	0.0	76.3	
Poland	78,227	107,467	88,883	87,405	178,849	91,444	104.6	128.6	
EECCA	171,985	205,252	144,904	178,384	178,903	520	0.3	4.0	
of which:									
Belarus	144,992	137,104	81,348	102,031	102,031	0	0.0	-29.6	
Russian Federation	25,018	67,205	61,783	73,538	73,538 r	0	0.0	193.9	
Ukraine	1,874	925	1,555	2,147	2,147	0	0.0	14.6	
North America	1,592,971	1,805,538	1,221,376	1,843,019	3,910,408	2,067,389	112.2	145.5	
Canada	1,537,899	1,738,040	1,158,905	1,772,939	3,851,666	2,078,728	117.2	150.4	
United States	55,072	67,499	62,471	70,080	58,742	-11,339	-16.2	6.7	
IMPORTS									
Europe	908,018	1,147,114	1,028,284	1,085,213	1,533,868	448,655	41.3	68.9	
of which:									
Germany	188,909	262,672	228,616 n	234,766	334,262	99,496	42.4	76.9	
United Kingdom	92,853	88,470	109,063	105,040	166,558	61,519	58.6	79.4	
Belgium	68,673	91,421	78,255	93,911	125,426	31,515	33.6	82.6	
Poland	27,134	26,459	28,469	55,934	113,121	57,187	102.2	316.9	
Austria	46,861	62,553	51,760	52,438	88,151	35,714	68.1	88.1	
Italy	45,789	63,213	43,466	51,513	83,246	31,733	61.6	81.8	
EECCA	157,187	161,305	113,065	124,260	128,664	4,404	3.5	-18.1	
of which:									
Russian Federation	83,651	89,033	50,000 e	63,180	63,180 r	0	0.0	-24.5	
Ukraine	33,169	33,067	25,330	25,330 r	25,330	0	0.0	-23.6	
Kazakhstan	24,447 r	18,408	16,310	14,945	17,412	2,467	16.5	-28.8	
North America	1,490,619	1,664,506	1,109,779	1,761,416	4,120,842	2,359,426	134.0	176.5	
Canada	38,753	34,305	41,179	43,308	55,658	12,350	28.5	43.6	
United States	1,451,866	1,630,201	1,068,600	1,718,108	4,065,184	2,347,076	136.6	180.0	

Source: UNECE/FAO TIMBER database, 2022.

Production of fibreboard, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 20
						Volume	%	%
Europe	23,816	24,098	23,848	23,594	25,211	1,617	6.9	5.9
of which:								
Germany	5,398	5,277	5,527	5,801	6,105	304	5.2	13.1
Poland	4,854	4,922	4,868	4,753	5,060	307	6.5	4.2
Turkey	4,806	4,970	4,970	4,775	4,850	75	1.6	0.9
Spain	1,691	1,685	1,630	1,535	1,714	179	11.6	1.4
Romania	648	740	836	1,038	1,332	294	28.4	105.7
France	1,288	1,288	1,080	900	900	0	0.0	-30.1
EECCA	5,784	6,313	6,751	6,475	6,481	6	0.1	12.1
of which:								
Russian Federation	3,390	3,565	3,650	3,581	3,581	0	0.0	5.6
Belarus	1,914	2,218	2,595	2,370	2,370	0	0.0	23.8
Ukraine	475	475	439	458	463	5	1.1	-2.5
North America	8,770	7,908	8,170	7,348	7,407	59	0.8	-15.5
Canada	1,229	1,322	1,524	1,290	1,349	59	4.6	9.8
United States	7,542	6,586	6,646	6,058	6,058	0	0.0	-19.7

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of fibreboard, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	12,875	12,714	13,128	13,310	17,122	3,811	28.6	33.0
of which:								
Germany	3,570	3,319	3,295	3,490	3,648	158	4.5	2.2
Turkey	942	832	1,160	374	2,837	2,463	658.6	201.2
Poland	1,664	1,937	1,967	2,019	2,340	321	15.9	40.7
Belgium	874	927	814	1,546	1,792	246	15.9	105.1
France	1,125	1,199	1,155	1,166	1,173	7	0.6	4.2
Spain	988	892	885	869	994	125	14.4	0.6
EECCA	2,140	2,514	2,793	2,856	2,870	14	0.5	34.1
of which:								
Belarus	1,017	1,184	1,444	1,455	1,455	0	0.0	43.2
Russian Federation	1,037	1,209	1,195	1,238	1,238	0	0.0	19.4
Ukraine	75	103	133	143	143	0	0.0	90.5
North America	1,389	1,657	1,654	1,522	1,608	86	5.6	15.8
Canada	834	878	869	832	867	35	4.2	3.9
United States	555	779	785	690	741	51	7.4	33.6
IMPORTS								
Europe	10,780	11,493	12,069	12,492	14,323	1,831	14.7	32.9
of which:								
Germany	1,279	1,408	1,508	1,815	1,944	130	7.2	52.0
Belgium	904	902	983	1,287	1,943	656	50.9	114.9
Italy	964	1,017	1,357	994	1,083	89	9.0	12.4
United Kingdom	950	922	897	879	1,080	202	22.9	13.7
France	956	1,076	1,168	1,043	1,042	-1	-0.1	9.0
Poland	485	701	749	851	888	37	4.3	83.1
EECCA	1,776	2,459	2,850	2,572	2,675	103	4.0	50.6
of which:								
Uzbekistan	195	741	910	780	762	-19	-2.4	290.1
Russian Federation	485	481	429	459	459	0	0.0	-5.3
Ukraine	260	349	416	422	422	0	0.0	61.9
North America	3,562	4,127	3,595	3,640	3,957	317	8.7	11.1
Canada	799	920	766	763	1,011	248	32.5	26.6
United States	2,763	3,207	2,829	2,876	2,945	69	2.4	6.6

Source: UNECE/FAO TIMBER database, 2022.

Fibreboard balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	23,816	24,098	23,848	23,594	25,211	25,305
Imports	10,780	11,493	12,069	12,492	14,323	13,779
Exports	12,875	12,714	13,128	13,310	17,122	16,739
Net trade	2,095	1,221	1,059	818	2,798	2,961
Apparent consumption	21,721	22,877	22,788	22,776	22,413	22,345
EECCA						
Production	5,784	6,313	6,751	6,475	6,481	6,481
Imports	1,776	2,459	2,850	2,572	2,675	2,675
Exports	2,140	2,514	2,793	2,856	2,870	2,870
Net trade	364	55	-58	284	195	195
Apparent consumption	5,420	6,257	6,808	6,191	6,286	6,286
North America						
Production	8,770	7,908	8,170	7,348	7,407	7,701
Imports	3,562	4,127	3,595	3,640	3,957	3,287
Exports	1,389	1,657	1,654	1,522	1,608	1,811
Net trade	-2,173	-2,470	-1,941	-2,117	-2,348	-1,476
Apparent consumption	10,943	10,378	10,112	9,465	9,756	9,177
UNECE region						
Production	38,370	38,318	38,769	37,418	39,099	39,488
Imports	16,118	18,079	18,515	18,704	20,955	19,741
Exports	16,404	16,885	17,575	17,689	21,599	21,420
Net trade	286	-1,194	-940	-1,015	645	1,679
Apparent consumption	38,084	39,513	39,708	38,432	38,454	37,808

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of fibreboard, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%	%	%
EXPORTS									
Europe	5,696,487	6,036,205	5,718,449	5,457,710	7,753,086	2,295,376	42.1	36.1	
of which:									
Germany	1,921,976	1,984,897	1,804,881	1,861,677	2,194,131	332,453	17.9	14.2	
Turkey	346,960	321,902	376,817	155,158	1,157,816	1,002,658	646.2	233.7	
Poland	445,449	658,168	635,051	674,223	832,419	158,196	23.5	86.9	
Belgium	626,332	634,862	596,985	417,804	573,039	155,235	37.2	-8.5	
Austria	352,646	354,289	321,209	342,260	451,961	109,701	32.1	28.2	
France	327,808	342,792	304,695	344,511	385,567	41,056	11.9	17.6	
EECCA	453,305	550,822	588,403	578,631	582,764	4,132	0.7	28.6	
of which:									
Russian Federation	280,176	340,437	339,954	319,042	319,042	0	0.0	13.9	
Belarus	152,342	180,587	206,432	214,338	214,338	0	0.0	40.7	
Ukraine	18,811	25,621	37,079	40,578	40,578	0	0.0	115.7	
North America	516,750	570,336	563,794	533,898	673,551	139,652	26.2	30.3	
Canada	307,011	349,839	344,067	336,690	440,434	103,744	30.8	43.5	
United States	209,740	220,497	219,727	197,209	233,117	35,909	18.2	11.1	
IMPORTS									
Europe	4,143,807	4,509,405	4,248,409	4,417,111	5,533,349	1,116,238	25.3	33.5	
of which:									
Germany	437,708	483,071	465,841	526,005	647,677	121,672	23.1	48.0	
France	419,639	456,116	433,213	505,879	643,767	137,889	27.3	53.4	
United Kingdom	438,340	437,281	432,833	403,725	568,041	164,316	40.7	29.6	
Italy	299,680	343,060	278,864	288,042	368,489	80,447	27.9	23.0	
Belgium	302,974	276,448	259,424	225,497	342,218	116,721	51.8	13.0	
Poland	118,789	217,224	224,359	276,925	317,470	40,545	14.6	167.3	
EECCA	626,748	726,198	761,567	677,563	779,356	101,793	15.0	24.3	
of which:									
Russian Federation	209,735	219,474	199,367	169,768	169,768	0	0.0	-19.1	
Uzbekistan	58,564	116,600	132,161	100,269	147,380	47,110	47.0	151.7	
Ukraine	95,413	120,618	134,136	139,015	139,015	0	0.0	45.7	
North America	1,700,207	1,601,183	1,414,348	1,453,640	1,818,199	364,559	25.1	6.9	
Canada	426,605	410,433	357,997	347,536	442,430	94,894	27.3	3.7	
United States	1,273,602	1,190,750	1,056,351	1,106,105	1,375,769	269,664	24.4	8.0	

Source: UNECE/FAO TIMBER database, 2022.

Wood-based panel balance in UNECE, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	74,112	74,059	73,685	71,291	75,948	73,176
Imports	35,754	37,164	36,864	36,559	40,547	40,395
Exports	35,655	35,426	35,672	35,470	41,783	38,743
Net trade	-98	-1,739	-1,192	-1,089	1,236	-1,652
Apparent consumption	74,210	75,797	74,877	72,380	74,712	74,828
EECCA						
Production	22,014	24,898	24,196	23,974	24,686	24,686
Imports	5,034	5,752	6,170	6,052	6,599	6,599
Exports	9,265	9,804	9,968	10,293	10,297	10,297
Net trade	4,231	4,052	3,798	4,241	3,698	3,698
Apparent consumption	17,783	20,846	20,399	19,733	20,987	20,987
North America						
Production	48,581	46,541	47,149	44,414	45,672	47,083
Imports	17,879	18,785	17,127	18,414	21,825	19,118
Exports	10,259	12,149	10,023	9,172	10,155	10,333
Net trade	-7,621	-6,636	-7,104	-9,243	-11,670	-8,785
Apparent consumption	56,201	53,177	54,253	53,657	57,342	55,868
UNECE region						
Production	144,707	145,497	145,030	139,679	146,305	144,945
Imports	58,667	61,701	60,161	61,025	68,970	66,112
Exports	55,179	57,379	55,663	54,934	62,235	59,373
Net trade	-3,488	-4,322	-4,498	-6,091	-6,735	-6,739
Apparent consumption	148,195	149,820	149,528	145,770	153,040	151,684

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Value of wood-based panel imports, North America, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change (%) 2020-2021
US						
Plywood	2,917	3,265	2,465	2,657	4,066	53.1%
OSB	1,452	1,630	1,069	1,718	4,065	136.6%
Particle board	333	310	342	301	333	10.7%
Fibreboard	1,274	1,191	1,056	1,106	1,376	24.4%
Total	5,976	6,396	4,931	5,781	9,840	70.2%
Canada						
Plywood	416	415	374	365	623	70.5%
OSB	39	34	41	43	56	28.5%
Particle board	99	106	119	130	178	36.2%
Fibreboard	427	410	358	348	442	27.3%
Total	980	966	892	886	1,298	46.5%
North America						
Plywood	3,333	3,679	2,838	3,022	4,689	55.2%
OSB	1,491	1,665	1,110	1,761	4,121	134.0%
Particle board	433	417	460	431	510	18.4%
Fibreboard	1,700	1,601	1,414	1,454	1,818	25.1%
Total	6,956	7,362	5,823	6,668	11,138	67.0%

Note: Does not include veneer sheets. Includes trade between US and Canada.

Source: UNECE/FAO TIMBER database, 2022.

Value of wood-based panel exports, North America, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change (%) 2020-2021
US						
Plywood	415	331	244	221	363	64.1%
OSB	55	67	62	70	59	-16.2%
Particle board	90	97	120	121	175	45.0%
Fibreboard	210	220	220	197	233	18.2%
Total	769	716	646	610	830	36.2%
Canada						
Plywood	341	384	365	368	520	41.0%
OSB	1,538	1,738	1,159	1,773	3,852	117.2%
Particle board	272	260	267	222	258	16.4%
Fibreboard	307	350	344	337	440	30.8%
Total	2,458	2,732	2,135	2,700	5,070	87.8%
North America						
Plywood	756	715	609	590	883	49.7%
OSB	1,593	1,806	1,221	1,843	3,910	112.2%
Particle board	362	357	387	343	433	26.5%
Fibreboard	517	570	564	534	674	26.2%
Total	3,228	3,447	2,781	3,309	5,900	78.3%

Note: Does not include veneer sheets. Includes trade between US and Canada.

Source: UNECE/FAO TIMBER database, 2022.

Production of mechanical and semi-chemical woodpulp, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 20
						Volume	%	%
Europe	11,120	11,407	10,523	9,953	9,709	-243	-2.4	-12.7
of which:								
Sweden	3,406	3,405	3,193	2,977	2,693	-284	-9.5	-20.9
Finland	3,141	3,510	3,280	2,840	2,640	-200	-7.0	-16.0
Norway	902	885	833	826	902	76	9.2	0.0
Germany	795 n	813 n	728 n	684 n	756 n	72	10.5	-4.9
Poland	711	702	627	678	690	12	1.7	-3.0
Spain	439	449	253	499	518 e	20	3.9	18.1
EECCA	2,280	2,420	2,391	2,439	2,439	0	0.0	7.0
of which:								
Russian Federation	2,280 e	2,420 n	2,351 n	2,399 n	2,399 r	0	0.0	5.2
Belarus	0	0	40 e	40 e	40	0	0.0 ...	
Armenia	0	0	0 r	0 r	0 r	0 ...	...
North America	12,730	12,833	12,721	10,398	10,008	-390	-3.7	-21.4
Canada	7,225	7,209	7,174 e	5,805	5,962	157	2.7	-17.5
United States	5,505	5,624	5,547	4,593	4,046	-547	-11.9	-26.5

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of mechanical and semi-chemical woodpulp, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	1,378	1,356	1,331	1,273	1,335	62	4.9	-3.1
of which:								
Finland	288	274	290	393	353	-40	-10.3	22.5
Sweden	384	420	416	323	347	23	7.3	-9.8
Norway	214	235	192	199	215	17	8.3	0.7
Estonia	152	154	145	158	190	32	20.5	24.5
Germany	107	103	93 n	92 n	87 n	-5	-5.4	-18.7
Croatia	41	40	47	45	50	5	12.3	21.3
EECCA	146	137	138	138	138	0	0.0	-5.0
of which:								
Russian Federation	146	137	138	138 r	138 r	0	0.0	-5.0
Belarus	0	0	0 e	0	0 r	0	0.0	...
Armenia	0	0	0 r	0 r	0 r	0	...	...
North America	2,208	2,242	2,251	2,262	2,191	-71	-3.2	-0.8
Canada	2,056	2,050	2,162	2,136	1,980	-156	-7.3	-3.7
United States	152	192	88	126	211	84	67.0	38.5
IMPORTS								
Europe	1,069	1,188	1,141	1,067	1,020	-47	-4.4	-4.6
of which:								
Sweden	205	249	211	248	221	-27	-10.8	7.9
Netherlands	84	189	177	203	203 r	0	0.0	142.3
Italy	135	151	158	137	156	19	14.2	16.3
Germany	165	179	205 n	163 n	140 n	-23	-14.1	-15.2
France	97	96	90	76 n	83 n	7	9.2	-14.4
Poland	75	65	71	77	71	-5	-6.9	-4.2
EECCA	11	11	8	9	11	3	29.3	-2.8
of which:								
Ukraine	6	7	5	6	9	3	42.0	41.7
Russian Federation	2	1	2	2 r	2 r	0	0.0	11.4
Belarus	4	3	1	1	1 r	0	0.0	-83.4
North America	84	167	132	133	152	18	13.8	80.9
Canada	5 e	8 e	7 e	10 e	15 e	4	42.9	201.0
United States	79	160	125	123	137	14	11.4	73.5

Source: UNECE/FAO TIMBER database, 2022.

Mechanical and semi-chemical woodpulp balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 2017 to 2021	
						Volume	%	Volume	%
Europe									
Production	11,120	11,407	10,523	9,953	9,709	-243	-2.4	-12.7	
Imports	1,069	1,188	1,141	1,067	1,020	-47	-4.4	-4.6	
Exports	1,378	1,356	1,331	1,273	1,335	62	4.9	-3.1	
Net trade	309	168	190	206	316	109	53.0	2.3	
Apparent consumption	10,812	11,239	10,333	9,746	9,394	-352	-3.6	-13.1	
EECCA									
Production	2,280	2,420	2,391	2,439	2,439	0	0.0	7.0	
Imports	11	11	8	9	11	3	29.3	-2.8	
Exports	146	137	138	138	138	0	0.0	-5.0	
Net trade	134	126	130	130	127	-3	-1.9	-5.2	
Apparent consumption	2,146	2,294	2,261	2,309	2,312	3	0.1	7.7	
North America									
Production	12,730	12,833	12,721	10,398	10,008	-390	-3.7	-21.4	
Imports	84	167	132	133	152	18	13.8	80.9	
Exports	2,208	2,242	2,251	2,262	2,191	-71	-3.2	-0.8	
Net trade	2,124	2,074	2,119	2,129	2,039	-90	-4.2	-4.0	
Apparent consumption	10,606	10,759	10,602	8,269	7,969	-300	-3.6	-24.9	
UNECE region									
Production	26,130	26,659	25,635	22,789	22,156	-633	-2.8	-15.2	
Imports	1,164	1,367	1,281	1,209	1,183	-26	-2.2	1.6	
Exports	3,731	3,735	3,720	3,673	3,664	-9	-0.3	-1.8	
Net trade	2,567	2,368	2,439	2,465	2,482	17	0.7	-3.3	
Apparent consumption	23,564	24,292	23,196	20,325	19,675	-650	-3.2	-16.5	

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of mechanical and semi-chemical woodpulp, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%	%	%
EXPORTS									
Europe	648,461	713,176	634,621	536,103	643,881	107,778	20.1	-0.7	
of which:									
Sweden	202,418	257,688	208,516	139,228	181,964	42,735	30.7	-10.1	
Finland	116,469	110,349	113,841	150,090	148,036	-2,054	-1.4	27.1	
Estonia	82,200	99,065	77,039	77,003	105,554	28,552	37.1	28.4	
Norway	90,684	104,717	88,242	85,801	103,081	17,280	20.1	13.7	
Germany	48,730	55,687	48,581 n	43,329 n	50,486 n	7,157	16.5	3.6	
Croatia	12,801	14,218	17,761	17,000	19,677	2,678	15.8	53.7	
EECCA	63,765	76,369	58,388	58,398	58,398	0	0.0	-8.4	
of which:									
Russian Federation	63,765	76,369	58,385	58,385 r	58,385 r	0	0.0	-8.4	
Belarus	0	0	3	13	13 r	0	0.0 ...		
Armenia	0	0	0 r	0 r	0 r	0 ...	...	
North America	1,173,187	1,374,275	1,059,363	996,589	1,088,709	92,120	9.2	-7.2	
Canada	1,099,670	1,270,954	1,015,678	938,638	964,487	25,849	2.8	-12.3	
United States	73,517	103,321	43,685	57,952	124,222	66,271	114.4	69.0	
IMPORTS									
Europe	536,380	643,402	608,310	501,968	520,415	18,447	3.7	-3.0	
of which:									
Germany	98,687	119,874	128,176 n	100,933 n	101,832 n	899	0.9	3.2	
Sweden	95,500	117,720	92,676	99,852	94,604	-5,248	-5.3	-0.9	
Netherlands	35,663	92,199	89,323	87,572	87,572 r	0	0.0	145.6	
Italy	68,705	83,096	79,916	60,335	78,745	18,409	30.5	14.6	
France	50,550	59,524	51,264	38,456 n	50,347 n	11,891	30.9	-0.4	
Poland	35,565	39,623	37,428	32,208	32,692	485	1.5	-8.1	
EECCA	6,063	6,399	5,141	4,978	6,464	1,486	29.9	6.6	
of which:									
Ukraine	3,276	3,899	3,051	3,174	4,666	1,492	47.0	42.4	
Russian Federation	916	909	1,308	1,308 r	1,308 r	0	0.0	42.8	
Belarus	1,712	1,556	579	268	268 r	0	0.0	-84.3	
North America	28,837	61,362	56,334	51,362	55,388	4,026	7.8	92.1	
Canada	2,344	3,797	4,023	5,566	7,811	2,245	40.3	233.2	
United States	26,493	57,566	52,311	45,796	47,577	1,781	3.9	79.6	

Source: UNECE/FAO TIMBER database, 2022.

Production of chemical woodpulp, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 20
						Volume	%	%
Europe	26,948	27,327	27,400	27,242	28,513	1,272	4.7	5.8
of which:								
Sweden	8,248	8,109	8,402	8,590	8,541	-49	-0.6	3.6
Finland	7,542	8,150	7,920	7,280	8,320	1,040	14.3	10.3
Portugal	2,648	2,666	2,644	2,591	2,712	121	4.7	2.4
France	1,608	1,523	1,536	1,620	1,615	-5	-0.3	0.4
Germany	1,637	1,646	1,598	1,571	1,571	0	0.0	-4.0
Austria	1,269	1,323	1,319	1,301	1,306	5	0.4	2.9
EECCA	6,021	6,193	6,030	6,617	6,617	0	0.0	9.9
of which:								
Russian Federation	6,012	6,159	5,876	6,366	6,366	0	0.0	5.9
Belarus	2	27	147	251	251	0	0.0	12450.0
Armenia	0	0	0	0	0	0 ...	...
North America	51,597	55,355	54,284	53,276	52,715	-561	-1.1	2.2
Canada	9,072	8,961	9,021	8,115	8,304	189	2.3	-8.5
United States	42,525	46,394	45,263	45,161	44,411	-750	-1.7	4.4

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of chemical woodpulp, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	12,101	12,529	13,519	12,959	12,784	-174	-1.3	5.7
of which:								
Finland	3,210	3,628	4,072	3,737	3,822	85	2.3	19.1
Sweden	2,651	2,912	3,490	3,620	3,420	-200	-5.5	29.0
Portugal	1,075	1,077	1,168	1,228	1,198	-29	-2.4	11.5
Germany	1,127	973	1,149	1,075	1,039	-36	-3.3	-7.8
Spain	900	888	878	894	996	102	11.4	10.6
Netherlands	963	939	726	678	678	0	0.0	-29.6
EECCA	2,113	2,139	2,167	2,521	2,522	0	0.0	19.3
of which:								
Russian Federation	2,113	2,118	2,052	2,306	2,306	0	0.0	9.1
Belarus	0	21	115	216	216	0	0.0	10774900.0
Ukraine	0	0	0	0	0	0	412.8	...
North America	14,316	13,944	13,878	13,288	12,641	-647	-4.9	-11.7
Canada	7,417	7,178	7,044	6,327	6,021	-306	-4.8	-18.8
United States	6,899	6,767	6,834	6,961	6,620	-341	-4.9	-4.0
IMPORTS								
Europe	19,059	19,583	18,270	17,140	16,948	-192	-1.1	-11.1
of which:								
Germany	4,694	4,478	4,174	3,705	3,712	7	0.2	-20.9
Italy	3,068	3,348	3,392	3,133	3,149	16	0.5	2.6
Netherlands	1,255	1,469	1,289	1,579	1,579	0	0.0	25.9
France	1,885	1,880	1,592	1,669	1,521	-148	-8.9	-19.3
Turkey	1,206	1,190	1,310	1,402	1,270	-132	-9.4	5.3
Poland	948	1,091	1,008	1,060	1,065	6	0.5	12.4
EECCA	224	243	307	320	327	7	2.3	45.8
of which:								
Russian Federation	144	146	209	209	209	0	0.0	45.0
Ukraine	53	59	62	64	70	6	9.2	31.7
Uzbekistan	0	15	16	14	17	3	22.5	11130.4
North America	5,517	5,617	5,433	5,754	6,129	376	6.5	11.1
Canada	337	344	392	398	477	79	19.9	41.4
United States	5,180	5,273	5,041	5,356	5,652	297	5.5	9.1

Source: UNECE/FAO TIMBER database, 2022.

Chemical woodpulp balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 2017 to 2021	
						Volume	%	Volume	%
Europe									
Production	26,948	27,327	27,400	27,242	28,513	1,272	4.7	5.8	
Imports	19,059	19,583	18,270	17,140	16,948	-192	-1.1	-11.1	
Exports	12,101	12,529	13,519	12,959	12,784	-174	-1.3	5.7	
Net trade	-6,958	-7,054	-4,751	-4,182	-4,164	18	...	-40.2	
Apparent consumption	33,906	34,381	32,151	31,423	32,677	1,254	4.0	-3.6	
EECCA									
Production	6,021	6,193	6,030	6,617	6,617	0	0.0	9.9	
Imports	224	243	307	320	327	7	2.3	45.8	
Exports	2,113	2,139	2,167	2,521	2,522	0	0.0	19.3	
Net trade	1,888	1,896	1,860	2,201	2,194	-7	-0.3	16.2	
Apparent consumption	4,133	4,298	4,170	4,416	4,423	7	0.2	7.0	
North America									
Production	51,597	55,355	54,284	53,276	52,715	-561	-1.1	2.2	
Imports	5,517	5,617	5,433	5,754	6,129	376	6.5	11.1	
Exports	14,316	13,944	13,878	13,288	12,641	-647	-4.9	-11.7	
Net trade	8,799	8,328	8,444	7,534	6,511	-1,023	-13.6	-26.0	
Apparent consumption	42,799	47,028	45,840	45,742	46,204	462	1.0	8.0	
UNECE region									
Production	84,567	88,876	87,715	87,135	87,845	711	0.8	3.9	
Imports	24,801	25,443	24,010	23,214	23,405	191	0.8	-5.6	
Exports	28,529	28,613	29,564	28,768	27,947	-821	-2.9	-2.0	
Net trade	3,729	3,169	5,554	5,554	4,542	-1,012	-18.2	21.8	
Apparent consumption	80,838	85,707	82,161	81,581	83,303	1,723	2.1	3.0	

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of chemical woodpulp, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%		%
EXPORTS									
Europe	7,324,752	9,468,040	8,208,146	6,791,733	8,772,134	1,980,401	29.2	19.8	
of which:									
Finland	1,956,370	2,862,473	2,433,045	1,872,727	2,652,107	779,380	41.6	35.6	
Sweden	1,692,715	2,245,336	2,186,065	2,046,359	2,518,486	472,127	23.1	48.8	
Germany	701,469	765,188	763,948	625,600	822,858	197,258	31.5	17.3	
Portugal	566,165	655,848	608,824	550,651	740,967	190,316	34.6	30.9	
Spain	485,629	565,973	441,607	359,396	481,813	122,417	34.1	-0.8	
Netherlands	596,425	756,191	467,697	397,447	397,447	0	0.0	-33.4	
EECCA	1,102,310	1,505,969	1,067,044	1,099,752	1,100,083	331	0.0	-0.2	
of which:									
Russian Federation	1,102,299	1,491,716	1,013,354	1,004,020	1,004,020	0	0.0	-8.9	
Belarus	1	14,229	53,612	95,674	95,674	0	0.0	9567320.0	
Ukraine	9	23	78	57	368	311	540.9	3975.3	
North America	9,051,800	10,387,041	9,032,810	7,780,226	9,537,305	1,757,079	22.6	5.4	
Canada	4,518,141	5,475,676	4,391,342	3,581,202	4,514,007	932,805	26.0	-0.1	
United States	4,533,659	4,911,365	4,641,468	4,199,024	5,023,298	824,274	19.6	10.8	
IMPORTS									
Europe	11,647,726	14,579,203	11,710,930	9,146,269	11,195,053	2,048,784	22.4	-3.9	
of which:									
Germany	2,658,077	3,167,284	2,598,874	1,939,379	2,584,074	644,695	33.2	-2.8	
Italy	1,981,098	2,526,456	2,138,494	1,576,713	2,114,940	538,227	34.1	6.8	
France	1,158,979	1,438,414	1,043,900	869,321	1,075,050	205,728	23.7	-7.2	
Turkey	793,281	963,559	834,435	733,594	923,856	190,262	25.9	16.5	
Netherlands	782,071	1,127,236	850,040	794,765	794,765	0	0.0	1.6	
Poland	574,255	801,505	647,364	555,109	631,137	76,028	13.7	9.9	
EECCA	160,929	193,118	226,344	223,976	240,007	16,031	7.2	49.1	
of which:									
Russian Federation	108,907	124,147	162,347	162,347	162,347	0	0.0	49.1	
Ukraine	31,248	40,639	39,464	33,795	43,301	9,505	28.1	38.6	
Uzbekistan	74	11,721	11,140	8,709	15,291	6,582	75.6	20466.1	
North America	3,002,969	3,596,033	3,335,904	2,829,863	3,855,000	1,025,138	36.2	28.4	
Canada	206,001	248,143	249,262	235,114	280,286	45,173	19.2	36.1	
United States	2,796,968	3,347,890	3,086,642	2,594,749	3,574,714	979,965	37.8	27.8	

Source: UNECE/FAO TIMBER database, 2022.

Production of dissolving grades woodpulp, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 20
						Volume	%	%
Europe	2,191	2,096	2,092	1,830	1,782	-48	-2.6	-18.7
of which:								
Sweden	503 e	481 e	483 e	467 e	467 e	0	0.0	-7.1
Finland	415 e	400 e	400 r	400 r	400 r	0	0.0	-3.6
Austria	458	456	462	441	385	-56	-12.8	-16.0
Czechia	260 e	250 e	260 e	262 e	262 r	0	0.0	0.8
Portugal	105	107	101	92	97	5	5.4	-8.0
Poland	115	79	58	56	60	4	6.6	-47.8
EECCA	0	0	0	0	0	0 ...	...
of which:								
Armenia	0 r	0 r	0 r	0 r	0 r	0 ...	...
Azerbaijan	0 r	0 r	0 r	0 r	0 r	0 ...	...
Belarus	0 r	0 r	0	0	0	0 ...	...
North America	1,757	1,836	1,872	1,737	1,848	111	6.4	5.2
Canada	540 e	620 e	620 r	620 r	620 r	0	0.0	14.8
United States	1,217	1,216	1,252	1,117	1,228	111	9.9	0.9

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of dissolving grades woodpulp, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	1,333	1,307	1,366	1,259	1,304	45	3.6	-2.2
of which:								
Sweden	287	310	336	380	390	10	2.7	35.8
Finland	157	143	156	202	300	98	48.4	91.1
Czechia	257 e	264 e	267 e	272	272 r	0	0.0	5.7
Norway	151	143	154	150	165	15	9.9	9.3
Portugal	104	93	88	91	92	1	1.4	-11.9
Austria	147	151	144	142	67	-75	-52.8	-54.6
EECCA	0	0	0	0	0	0 ...	...
of which:								
Armenia	0	0	0 r	0 r	0 r	0 ...	...
Azerbaijan	0	0 r	0 r	0 r	0 r	0 ...	...
Belarus	0	0	0	0	0 r	0 ...	...
North America	1,363	1,398	1,397	1,100	1,165	66	6.0	-14.5
Canada	439	522	469	380	375	-6	-1.5	-14.7
United States	924	876	928	719	790	71	9.9	-14.5
IMPORTS								
Europe	734	734	719	662	695	33	5.0	-5.2
of which:								
Germany	445	419	376 n	377 n	405 n	28	7.4	-9.0
Austria	44	42	46	59	81	22	37.8	82.0
United Kingdom	48	46	50	49	51	2	3.8	4.9
Ireland	41	36	36 r	43	28	-15	-34.8	-32.7
Netherlands	14	18	20	23	23 r	0	0.0	64.5
Sweden	23	23	21	19	18	-1	-4.1	-19.8
EECCA	5	0	6	6	0	-6	-97.2	-96.5
of which:								
Belarus	0	0	0	0	0 r	0	0.0	-32.4
Kyrgyzstan	0	0 e	0	0 e	0 e	0	111.8	-64.0
Republic of Moldova	0	0	0	0	0 r	0	0.0 ...	
North America	118	132	134	183	247	64	35.3	108.5
Canada	0	0	0	0	0	0	140.2	-55.7
United States	118	132	134	183	247	64	35.3	109.2

Source: UNECE/FAO TIMBER database, 2022.

Dissolving grades woodpulp balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 2017 to 2021	
						Volume	%	Volume	%
Europe									
Production	2,191	2,096	2,092	1,830	1,782	-48	-2.6	-18.7	
Imports	734	734	719	662	695	33	5.0	-5.2	
Exports	1,333	1,307	1,366	1,259	1,304	45	3.6	-2.2	
Net trade	599	573	647	596	608	12	2.0	1.6	
Apparent consumption	1,592	1,523	1,445	1,233	1,174	-60	-4.8	-26.3	
EECCA									
Production	0	0	0	0	0	0 ...	...	
Imports	5	0	6	6	0	-6	-97.2	-96.5	
Exports	0	0	0	0	0	0 ...	...	
Net trade	-5	0	-6	-6	0	6 ...		-96.5	
Apparent consumption	5	0	6	6	0	-6	-97.2	-96.5	
North America									
Production	1,757	1,836	1,872	1,737	1,848	111	6.4	5.2	
Imports	118	132	134	183	247	64	35.3	108.5	
Exports	1,363	1,398	1,397	1,100	1,165	66	6.0	-14.5	
Net trade	1,245	1,266	1,263	917	918	1	0.1	-26.2	
Apparent consumption	512	569	609	820	930	109	13.3	81.5	
UNECE region									
Production	3,948	3,932	3,964	3,567	3,630	63	1.8	-8.0	
Imports	857	867	859	851	943	92	10.8	10.0	
Exports	2,696	2,705	2,763	2,358	2,469	111	4.7	-8.4	
Net trade	1,838	1,838	1,904	1,507	1,526	19	1.3	-17.0	
Apparent consumption	2,109	2,093	2,060	2,060	2,104	44	2.1	-0.3	

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of dissolving grades woodpulp, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	1,298,709	1,287,670	1,226,295	920,070	1,151,539	231,469	25.2	-11.3
of which:								
Sweden	286,888	296,968	281,988	269,856	357,493	87,637	32.5	24.6
Finland	131,915	120,300	107,450	111,972	257,961	145,989	130.4	95.6
Norway	190,058	182,519	185,325	189,077	211,094	22,017	11.6	11.1
Czechia	231,732	241,703 e	226,843 e	177,054	177,054 r	0	0.0	-23.6
Portugal	86,905	83,800	65,381	59,822	83,167	23,345	39.0	-4.3
Austria	112,161	113,512	107,245	95,339	49,057	-46,282	-48.5	-56.3
EECCA	0	0	0	1	1	0	-1.4	...
of which:								
Kazakhstan	0 r	0 r	0 r	1	1 r	0	-1.4	...
Armenia	0	0	0 r	0 r	0 r	0 ...	...	...
Azerbaijan	0	0 r	0 r	0 r	0 r	0 ...	...	...
North America	1,357,554	1,420,578	1,308,472	951,240	1,246,478	295,238	31.0	-8.2
Canada	398,079	478,525	396,915	267,295	339,602	72,307	27.1	-14.7
United States	959,475	942,053	911,557	683,945	906,875	222,931	32.6	-5.5
IMPORTS								
Europe	751,475	753,669	713,067	629,189	698,146	68,956	11.0	-7.1
of which:								
Germany	425,828	414,136	361,418 n	355,756 n	398,633 n	42,876	12.1	-6.4
Austria	38,041	36,708	35,668	38,524	73,575	35,051	91.0	93.4
United Kingdom	45,360	37,455	46,707	38,863	47,786	8,923	23.0	5.3
Netherlands	19,633	25,264	27,402	32,602	32,602 r	0	0.0	66.1
Ireland	46,035	39,302	39,302 r	51,194	31,780	-19,414	-37.9	-31.0
Sweden	30,641	32,005	27,357	25,080	25,037	-44	-0.2	-18.3
EECCA	2,657	407	3,554	3,365	239	-3,126	-92.9	-91.0
of which:								
Belarus	165	308	260	136	136 r	0	0.0	-17.6
Kyrgyzstan	113	8	32	18	37	19	109.0	-67.1
Ukraine	12	25	3,051	3,174	25	-3,150	-99.2	105.8
North America	161,093	168,994	178,966	210,792	236,711	25,919	12.3	46.9
Canada	531	138	288	95	244	149	157.6	-54.0
United States	160,562	168,856	178,678	210,698	236,467	25,769	12.2	47.3

Source: UNECE/FAO TIMBER database, 2022.

Woodpulp (million tonnes)

	Production				Apparent Consumption			
	2017	2020	2021	% change 2020-2021	2017	2020	2021	% change 2020-2021
Europe								
Mechanical and semi-chemical	11.1	10.0	9.7	-2.4%	10.8	9.7	9.4	-3.6%
Chemical	26.9	27.2	28.5	4.7%	33.9	31.4	32.7	4.0%
Dissolving grades	2.2	1.8	1.8	-2.6%	1.6	1.2	1.2	-4.8%
Total woodpulp	40.3	39.0	40.0	2.5%	46.3	42.4	43.2	2.0%
EECCA								
Mechanical and semi-chemical	2.3	2.4	2.4	0.0%	2.1	2.3	2.3	0.1%
Chemical	6.0	6.6	6.6	0.0%	4.1	4.4	4.4	0.2%
Dissolving grades	0.0	0.0	0.0	...	0.0	0.0	0.0	-97.2%
Total woodpulp	8.3	9.1	9.1	0.0%	6.3	6.7	6.7	0.1%
North America								
Mechanical and semi-chemical	12.7	10.4	10.0	-3.7%	10.6	8.3	8.0	-3.6%
Chemical	51.6	53.3	52.7	-1.1%	42.8	45.7	46.2	1.0%
Dissolving grades	1.8	1.7	1.8	6.4%	0.5	0.8	0.9	13.3%
Total woodpulp	66.1	65.4	64.6	-1.3%	53.9	54.8	55.1	0.5%
UNECE region								
Mechanical and semi-chemical	26.1	22.8	22.2	-2.8%	23.6	20.3	19.7	-3.2%
Chemical	84.6	87.1	87.8	0.8%	80.8	81.6	83.3	2.1%
Dissolving grades	3.9	3.6	3.6	1.8%	2.1	2.1	2.1	2.1%
Total woodpulp	114.6	113.5	113.6	0.1%	106.5	104.0	105.1	1.1%

Source: UNECE/FAO TIMBER database, 2022.

Production of graphic paper, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 20
						Volume	%	%
Europe	34,964	33,604	31,003	25,286	26,238	953	3.8	-25.0
of which:								
Germany	8,371	7,934	7,292	6,247	6,823	575	9.2	-18.5
Finland	5,422	5,520	4,880	3,410	3,250	-160	-4.7	-40.1
Sweden	3,588	3,487	3,254	2,787	2,364	-423	-15.2	-34.1
Austria	2,552	2,398	2,281	1,972	2,248	276	14.0	-11.9
Italy	2,587	2,457	2,306	1,658	1,884	226	13.6	-27.2
Portugal	1,595	1,538	1,444	1,299	1,463	164	12.6	-8.2
EECCA	2,472	2,579	2,581	2,684	2,683	-1	0.0	8.5
of which:								
Russian Federation	2,340	2,492	2,520	2,624	2,624	0	0.0	12.1
Belarus	60	72	51	49	49	0	0.0	-17.8
Ukraine	8	8	4	4	5	1	25.0	-37.5
North America	20,772	19,032	16,909	12,725	12,694	-31	-0.2	-38.9
Canada	6,031	6,061	5,274	4,212	4,398	186	4.4	-27.1
United States	14,741	12,971	11,635	8,513	8,296	-217	-2.5	-43.7

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of graphic paper, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	30,075	29,068	27,435	21,650	23,015	1,365	6.3	-23.5
of which:								
Germany	5,955	5,630	5,287	4,583	4,984	401	8.7	-16.3
Finland	5,543	5,682	5,058	3,622	3,614	-8	-0.2	-34.8
Sweden	3,287	3,401	3,200	2,748	2,556	-192	-7.0	-22.2
Austria	2,610	2,375	2,251	1,849	1,911	62	3.3	-26.8
Portugal	1,519	1,455	1,414	1,261	1,417	156	12.3	-6.7
Italy	1,636	1,465	1,507	1,037	1,301	264	25.5	-20.5
EECCA	1,654	1,718	1,818	1,531	1,534	2	0.2	-7.3
of which:								
Russian Federation	1,625	1,685	1,768	1,489	1,489	0	0.0	-8.3
Belarus	28	32	37	38	38	0	0.0	33.5
Kazakhstan	0	1	5	3	3	0	14.6	2446.6
North America	7,117	6,883	6,119	5,033	5,193	160	3.2	-27.0
Canada	5,111	5,240	4,569	3,833	3,910	76	2.0	-23.5
United States	2,007	1,643	1,551	1,200	1,283	84	7.0	-36.1
IMPORTS								
Europe	24,326	23,421	21,921	18,116	17,888	-228	-1.3	-26.5
of which:								
Germany	5,559	5,214	4,677	4,069	4,009	-60	-1.5	-27.9
France	2,457	2,394	2,468	2,132	2,126	-6	-0.3	-13.5
United Kingdom	2,855	2,675	2,477	1,966	1,744	-222	-11.3	-38.9
Italy	1,955	1,975	1,794	1,524	1,570	46	3.0	-19.7
Poland	1,301	1,295	1,183	1,178	1,225	48	4.1	-5.8
Spain	1,183	1,199	1,033	848	878	30	3.5	-25.8
EECCA	981	1,052	1,033	836	855	20	2.4	-12.8
of which:								
Russian Federation	399	390	359	309	309	0	0.0	-22.6
Ukraine	271	269	265	213	213	0	0.0	-21.4
Kazakhstan	97	135	91	92	92	-1	-0.6	-5.7
North America	6,482	6,618	5,977	4,653	5,065	412	8.8	-21.9
Canada	697	671	594	443	456	13	3.0	-34.5
United States	5,786	5,947	5,383	4,210	4,609	398	9.5	-20.3

Source: UNECE/FAO TIMBER database, 2022.

Graphic paper balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 2017 to 2021	
						Volume	%	Volume	%
Europe									
Production	34,964	33,604	31,003	25,286	26,238	953	3.8	-25.0	
Imports	24,326	23,421	21,921	18,116	17,888	-228	-1.3	-26.5	
Exports	30,075	29,068	27,435	21,650	23,015	1,365	6.3	-23.5	
Net trade	5,749	5,647	5,514	3,534	5,128	1,593	45.1	-10.8	
Apparent consumption	29,215	27,957	25,489	21,752	21,111	-641	-2.9	-27.7	
EECCA									
Production	2,472	2,579	2,581	2,684	2,683	-1	0.0	8.5	
Imports	981	1,052	1,033	836	855	20	2.4	-12.8	
Exports	1,654	1,718	1,818	1,531	1,534	2	0.2	-7.3	
Net trade	673	666	784	696	678	-18	-2.5	0.8	
Apparent consumption	1,799	1,913	1,797	1,988	2,005	17	0.8	11.4	
North America									
Production	20,772	19,032	16,909	12,725	12,694	-31	-0.2	-38.9	
Imports	6,482	6,618	5,977	4,653	5,065	412	8.8	-21.9	
Exports	7,117	6,883	6,119	5,033	5,193	160	3.2	-27.0	
Net trade	635	265	142	380	128	-252	-66.4	-79.9	
Apparent consumption	20,137	18,766	16,767	12,345	12,567	221	1.8	-37.6	
UNECE region									
Production	58,209	55,215	50,492	40,695	41,616	921	2.3	-28.5	
Imports	31,790	31,091	28,932	23,605	23,808	204	0.9	-25.1	
Exports	38,847	37,670	35,372	28,214	29,742	1,527	5.4	-23.4	
Net trade	7,057	6,579	6,441	4,610	5,933	1,324	28.7	-15.9	
Apparent consumption	51,152	48,636	44,052	36,085	35,682	-403	-1.1	-30.2	

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of graphic paper, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Value	%	%	%
EXPORTS									
Europe	23,115,777	24,874,598	22,867,786	17,448,518	19,598,660	2,150,142	12.3	-15.2	
of which:									
Germany	4,811,792	5,106,628	4,741,419	3,933,772	4,390,766	456,994	11.6	-8.7	
Finland	3,800,050	4,322,534	3,812,870	2,548,329	2,702,783	154,454	6.1	-28.9	
Sweden	2,253,668	2,403,544	2,334,442	1,893,000	1,838,873	-54,127	-2.9	-18.4	
Austria	1,810,471	1,858,570	1,721,996	1,417,904	1,603,935	186,031	13.1	-11.4	
Italy	1,456,736	1,477,921	1,461,991	1,025,564	1,411,155	385,591	37.6	-3.1	
Portugal	1,335,005	1,434,543	1,330,091	1,082,172	1,315,922	233,750	21.6	-1.4	
EECCA	874,870	1,105,024	1,001,114	792,848	795,508	2,661	0.3	-9.1	
of which:									
Russian Federation	857,778	1,085,479	971,564	773,581	773,581	0	0.0	-9.8	
Belarus	12,752	17,976	19,396	16,762	16,762	0	0.0	31.4	
Uzbekistan	255	52	4,076	87	2,387	2,300	2641.8	835.3	
North America	4,956,175	5,266,398	4,709,278	3,587,572	3,949,097	361,526	10.1	-20.3	
Canada	3,115,250	3,614,704	3,209,880	2,444,570	2,660,184	215,614	8.8	-14.6	
United States	1,840,925	1,651,694	1,499,398	1,143,001	1,288,913	145,912	12.8	-30.0	
IMPORTS									
Europe	19,018,997	20,149,356	18,628,296	14,648,869	15,144,567	495,698	3.4	-20.4	
of which:									
Germany	3,933,432	4,170,810	3,687,650	3,072,525	3,273,980	201,455	6.6	-16.8	
France	2,171,493	2,317,860	2,234,727	1,843,266	1,944,314	101,047	5.5	-10.5	
United Kingdom	2,238,568	2,219,788	2,206,511	1,546,618	1,396,111	-150,507	-9.7	-37.6	
Italy	1,450,664	1,637,746	1,456,510	1,138,354	1,251,471	113,117	9.9	-13.7	
Poland	978,807	1,091,672	979,813	932,684	964,612	31,929	3.4	-1.5	
Spain	963,109	1,039,138	930,498	647,851	698,997	51,145	7.9	-27.4	
EECCA	885,485	993,658	1,037,585	795,273	830,399	35,125	4.4	-6.2	
of which:									
Russian Federation	361,522	388,589	360,718	311,502	311,502	0	0.0	-13.8	
Ukraine	213,701	247,954	228,941	186,433	186,433	0	0.0	-12.8	
Kazakhstan	119,106	122,170	120,125	110,498	119,744	9,246	8.4	0.5	
North America	4,846,937	5,354,105	5,144,343	3,716,032	4,204,627	488,596	13.1	-13.3	
Canada	750,970	759,368	692,441	506,839	569,522	62,683	12.4	-24.2	
United States	4,095,967	4,594,737	4,451,902	3,209,192	3,635,105	425,913	13.3	-11.3	

Source: UNECE/FAO TIMBER database, 2022.

Production of packaging paper, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 20
						Volume	%	%
Europe	51,531	53,056	53,277	53,916	57,661	3,745	6.9	11.9
of which:								
Germany	11,639	11,839	11,950	12,252	13,345	1,093	8.9	14.7
Sweden	6,239	6,224	5,945	6,083	6,156	73	1.2	-1.3
Italy	4,496	4,614	4,582	4,806	5,929	1,123	23.4	31.9
France	4,514	4,461	4,441	4,422	4,840	418	9.5	7.2
Spain	3,760	3,873	4,194	4,438	4,622	183	4.1	22.9
Finland	3,622	4,590	4,440	3,680	4,220	540	14.7	16.5
EECCA	6,953	7,339	7,234	7,606	7,512	-93	-1.2	8.0
of which:								
Russian Federation	5,792	5,896	5,962	6,208	6,208	0	0.0	7.2
Ukraine	822	989	862	860	802	-58	-6.7	-2.4
Belarus	195	234	203	196	196	0	0.0	0.4
North America	51,799	52,951	51,500	51,477	54,214	2,736	5.3	4.7
Canada	3,189	3,342	3,455	3,314	3,265	-49	-1.5	2.4
United States	48,610	49,609	48,045	48,163	50,948	2,785	5.8	4.8

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of packaging paper, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	33,203	34,445	34,926	35,232	37,658	2,425	6.9	13.4
of which:								
Germany	7,244	7,577	7,915	8,077	8,690	613	7.6	20.0
Sweden	5,923	6,054	5,915	6,207	6,468	261	4.2	9.2
Finland	4,050	4,182	4,071	4,040	4,600	560	13.9	13.6
France	2,420	2,310	2,415	2,478	2,672	194	7.8	10.4
Austria	1,497	1,843	1,903	2,020	2,106	85	4.2	40.7
Poland	1,669	1,786	1,798	1,885	1,982	98	5.2	18.7
EECCA	1,654	1,811	1,653	2,324	2,353	29	1.3	42.3
of which:								
Russian Federation	1,344	1,452	1,375	2,051	2,051	0	0.0	52.6
Ukraine	221	243	160	159	159	0	0.0	-28.2
Belarus	69	106	102	96	96	0	0.0	40.1
North America	10,951	11,388	10,454	10,688	10,577	-112	-1.0	-3.4
Canada	1,954	2,150	2,019	2,046	2,261	215	10.5	15.7
United States	8,998	9,238	8,435	8,642	8,316	-326	-3.8	-7.6
IMPORTS								
Europe	29,749	30,971	30,641	30,039	31,884	1,845	6.1	7.2
of which:								
Germany	5,395	5,518	5,348	5,418	5,658	240	4.4	4.9
Poland	2,674	2,831	2,988	3,287	3,745	459	14.0	40.0
Italy	3,144	3,308	3,255	3,172	3,241	69	2.2	3.1
France	2,210	2,193	2,253	2,250	2,484	234	10.4	12.4
United Kingdom	2,224	2,289	2,234	2,043	1,929	-114	-5.6	-13.3
Spain	1,746	1,897	1,759	1,679	1,808	128	7.6	3.5
EECCA	1,462	1,526	1,661	1,628	1,627	-2	-0.1	11.3
of which:								
Russian Federation	764	833	860	836	836	0	0.0	9.3
Ukraine	260	280	288	299	299	0	0.0	14.9
Belarus	148	152	170	165	165	0	0.0	12.0
North America	4,761	4,876	4,626	4,713	5,142	429	9.1	8.0
Canada	1,802	1,821	1,707	1,740	1,858	118	6.8	3.1
United States	2,960	3,055	2,918	2,973	3,284	311	10.5	11.0

Source: UNECE/FAO TIMBER database, 2022.

Packaging paper balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021		Change 2017 to 2021	
						Volume	%	Volume	%
Europe									
Production	51,531	53,056	53,277	53,916	57,661	3,745	6.9	11.9	
Imports	29,749	30,971	30,641	30,039	31,884	1,845	6.1	7.2	
Exports	33,203	34,445	34,926	35,232	37,658	2,425	6.9	13.4	
Net trade	3,454	3,475	4,285	5,194	5,774	580	11.2	67.2	
Apparent consumption	48,077	49,582	48,991	48,723	51,887	3,165	6.5	7.9	
EECCA									
Production	6,953	7,339	7,234	7,606	7,512	-93	-1.2	8.0	
Imports	1,462	1,526	1,661	1,628	1,627	-2	-0.1	11.3	
Exports	1,654	1,811	1,653	2,324	2,353	29	1.3	42.3	
Net trade	192	284	-7	696	727	31	4.4	278.1	
Apparent consumption	6,761	7,055	7,241	6,910	6,786	-124	-1.8	0.4	
North America									
Production	51,799	52,951	51,500	51,477	54,214	2,736	5.3	4.7	
Imports	4,761	4,876	4,626	4,713	5,142	429	9.1	8.0	
Exports	10,951	11,388	10,454	10,688	10,577	-112	-1.0	-3.4	
Net trade	6,190	6,512	5,828	5,975	5,434	-541	-9.1	-12.2	
Apparent consumption	45,609	46,439	45,672	45,502	48,780	3,278	7.2	7.0	
UNECE region									
Production	110,283	113,346	112,011	112,999	119,387	6,388	5.7	8.3	
Imports	35,972	37,373	36,927	36,380	38,653	2,273	6.2	7.5	
Exports	45,808	47,644	47,033	48,245	50,587	2,343	4.9	10.4	
Net trade	9,836	10,271	10,106	11,865	11,934	70	0.6	21.3	
Apparent consumption	100,447	103,075	101,905	101,134	107,453	6,318	6.2	7.0	

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of packaging paper, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Value	%	%	%
EXPORTS									
Europe	27,829,668	31,285,636	28,909,271	27,139,000	33,544,835	6,405,836	23.6	20.5	
of which:									
Germany	5,825,561	6,709,514	6,011,194	5,717,042	7,570,592	1,853,551	32.4	30.0	
Sweden	5,180,682	5,382,848	5,139,886	5,302,281	6,074,562	772,281	14.6	17.3	
Finland	3,609,091	4,062,188	3,766,687	3,676,163	4,552,917	876,754	23.8	26.2	
France	2,100,284	2,246,845	2,010,958	1,934,593	2,595,344	660,752	34.2	23.6	
Italy	1,424,761	1,582,835	1,374,549	1,358,006	1,836,823	478,817	35.3	28.9	
Poland	1,330,183	1,634,427	1,455,450	1,418,564	1,680,732	262,168	18.5	26.4	
EECCA	1,085,098	1,367,231	1,137,895	1,275,559	1,296,572	21,013	1.6	19.5	
of which:									
Russian Federation	885,322	1,126,541	949,485	1,105,599	1,105,599	0	0.0	24.9	
Ukraine	157,426	187,359	132,391	123,465	123,465	0	0.0	-21.6	
Belarus	31,095	49,645	47,237	37,237	37,237	0	0.0	19.8	
North America	9,210,680	10,098,904	8,871,568	8,316,453	9,369,072	1,052,619	12.7	1.7	
Canada	1,706,891	1,961,735	1,808,460	1,690,148	2,040,424	350,276	20.7	19.5	
United States	7,503,789	8,137,169	7,063,109	6,626,305	7,328,648	702,343	10.6	-2.3	
IMPORTS									
Europe	23,107,559	26,402,934	24,028,133	22,412,774	27,344,288	4,931,513	22.0	18.3	
of which:									
Germany	4,143,183	4,644,117	4,128,388	3,995,210	4,983,264	988,054	24.7	20.3	
Italy	2,431,991	2,828,050	2,458,024	2,288,785	2,865,200	576,415	25.2	17.8	
Poland	1,972,951	2,318,117	2,123,529	2,225,160	2,775,124	549,965	24.7	40.7	
France	1,885,769	2,077,730	1,888,631	1,808,369	2,374,084	565,716	31.3	25.9	
United Kingdom	1,683,193	1,832,037	1,770,993	1,661,260	1,792,683	131,423	7.9	6.5	
Turkey	1,169,018	1,257,470	1,102,260	1,163,432	1,444,241	280,809	24.1	23.5	
EECCA	1,538,211	1,691,318	1,616,623	1,626,617	1,675,167	48,550	3.0	8.9	
of which:									
Russian Federation	854,662	957,351	872,971	905,834	905,834	0	0.0	6.0	
Ukraine	264,455	305,559	292,574	284,159	284,159	0	0.0	7.5	
Belarus	148,293	162,223	160,885	150,186	150,186	0	0.0	1.3	
North America	4,908,745	5,235,328	4,926,354	4,731,952	5,638,246	906,294	19.2	14.9	
Canada	1,688,722	1,772,177	1,694,010	1,655,514	1,965,561	310,047	18.7	16.4	
United States	3,220,023	3,463,151	3,232,345	3,076,437	3,672,684	596,247	19.4	14.1	

Source: UNECE/FAO TIMBER database, 2022.

Wood pulp balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	40,259	40,830	40,015	39,024	40,005	37,875
Imports	20,862	21,506	20,129	18,870	18,663	18,751
Exports	14,811	15,192	16,216	15,491	15,423	14,498
Net trade	-6,051	-6,314	-3,913	-3,379	-3,240	-4,253
Apparent consumption	46,310	47,144	43,928	42,403	43,245	42,128
EECCA						
Production	8,301	8,613	8,421	9,056	9,056	9,056
Imports	241	255	321	335	339	339
Exports	2,259	2,276	2,305	2,660	2,660	2,660
Net trade	2,018	2,021	1,984	2,325	2,321	2,321
Apparent consumption	6,284	6,592	6,437	6,731	6,735	6,735
North America						
Production	66,085	70,023	68,877	65,411	64,571	60,126
Imports	5,720	5,916	5,700	6,070	6,528	5,662
Exports	17,887	17,584	17,526	16,649	15,997	15,992
Net trade	12,167	11,668	11,826	10,580	9,468	10,329
Apparent consumption	53,918	58,356	57,051	54,831	55,103	49,797
UNECE region						
Production	114,645	119,467	117,314	113,491	113,632	107,058
Imports	26,823	27,677	26,150	25,274	25,530	24,752
Exports	34,956	35,053	36,047	34,800	34,080	33,150
Net trade	8,134	7,375	9,897	9,526	8,550	8,398
Apparent consumption	106,511	112,091	107,417	103,965	105,082	98,659

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Paper and paperboard balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	99,058	98,744	96,203	91,979	96,931	93,693
Imports	57,082	57,270	55,313	51,135	52,525	51,716
Exports	66,202	66,453	65,121	59,671	63,485	60,238
Net trade	9,120	9,184	9,808	8,536	10,959	8,522
Apparent consumption	89,939	89,560	86,395	83,443	85,971	85,170
EECCA						
Production	10,333	10,971	10,956	11,472	11,386	11,386
Imports	2,583	2,717	2,836	2,607	2,627	2,627
Exports	3,410	3,624	3,571	3,960	3,992	3,992
Net trade	827	907	735	1,353	1,365	1,365
Apparent consumption	9,507	10,064	10,221	10,120	10,021	10,021
North America						
Production	82,003	81,033	77,630	74,904	76,656	73,594
Imports	11,852	12,086	11,158	9,958	10,650	11,278
Exports	18,817	19,064	17,267	16,276	16,347	16,179
Net trade	6,965	6,978	6,110	6,318	5,697	4,901
Apparent consumption	75,037	74,055	71,520	68,587	70,959	68,693
UNECE region						
Production	191,394	190,748	184,789	178,355	184,973	178,673
Imports	71,517	72,073	69,306	63,701	65,802	65,620
Exports	88,429	89,142	85,959	79,907	83,823	80,409
Net trade	16,912	17,068	16,653	16,206	18,021	14,789
Apparent consumption	174,482	173,679	168,136	162,149	166,952	163,884

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Paper and Board in Europe (million tonnes)

	Production				Apparent Consumption			
	2017	2020	2021	% change 2020-2021	2017	2020	2021	% change 2020-2021
Graphic Papers	35.0	25.3	26.2	3.8%	29.2	21.8	21.1	-2.9%
Newsprint	6.4	4.4	4.3	-2.4%	6.0	4.1	4.0	-0.9%
Uncoated Mechanical	6.1	4.6	4.9	5.8%	4.9	3.8	3.8	-0.5%
Uncoated Woodfree	8.9	7.2	7.8	7.6%	8.3	6.7	6.7	-0.7%
Coated Papers	13.5	9.1	9.3	2.7%	10.0	7.2	6.6	-7.5%
Sanitary and Household Papers	8.1	8.3	8.2	-0.6%	8.2	8.4	8.1	-3.1%
Packaging Materials	51.5	53.9	57.7	6.9%	48.1	48.7	51.9	6.5%
Case Materials	30.3	32.6	35.0	7.4%	30.8	31.2	33.8	8.4%
Cartonboard	11.2	11.7	12.2	4.1%	8.0	8.7	8.6	-1.0%
Wrapping Papers	5.6	5.4	6.1	13.3%	5.1	4.7	5.3	11.6%
Other Papers Mainly for Packaging	4.4	4.3	4.4	3.4%	4.2	4.0	4.1	2.2%
Other Paper and Board	4.4	4.5	4.8	6.8%	4.5	4.6	4.8	5.7%
Paper and Paperboard	99.1	92.0	96.9	5.4%	89.9	83.4	86.0	3.0%

Source: UNECE/FAO TIMBER database, 2022.

Paper and Board in North America (million tonnes)

	Production				Apparent Consumption			
	2017	2020	2021	% change 2020-2021	2017	2020	2021	% change 2020-2021
Paper and Paperboard	82.0	74.9	76.7	2.3%	75.0	68.6	71.0	3.5%
Graphic Papers	20.8	12.7	12.7	-0.2%	20.1	12.3	12.6	1.8%
Newsprint	4.3	2.4	2.3	-2.1%	2.9	1.4	1.3	-7.2%
Uncoated Mechanical	2.9	1.7	1.8	4.9%	2.9	1.7	1.9	8.9%
Uncoated Woodfree	8.2	5.4	5.4	0.2%	8.2	5.6	5.8	3.5%
Coated Papers	5.4	3.2	3.1	-2.5%	6.2	3.6	3.6	-0.7%
Sanitary and Household Papers	7.7	8.4	8.4	0.3%	7.8	8.7	8.5	-1.7%
Packaging Materials	51.8	51.5	54.2	5.3%	45.6	45.5	48.8	7.2%
Case Materials	35.6	36.8	38.4	4.4%	31.1	32.1	34.2	6.8%
Cartonboard	12.2	7.0	9.2	30.6%	11.1	6.3	8.5	34.6%
Wrapping Papers	1.8	2.0	2.8	43.6%	1.2	1.5	2.4	54.5%
Other Papers Mainly for Packaging	2.2	5.7	3.8	-33.7%	2.2	5.6	3.7	-33.9%
Other Paper and Board	1.8	2.3	1.3	-42.4%	1.5	2.1	1.1	-47.6%

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of further processed sawnwood, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%	%	%
EXPORTS									
Europe	1,768,810	1,912,366	1,923,919	1,831,327	2,404,555	573,228	31.3	35.9	
of which:									
Poland	255,246	276,222	285,239	343,842	455,677	111,835	32.5	78.5	
Germany	233,069	260,644	250,762	237,365	343,536	106,170	44.7	47.4	
Estonia	147,008	167,071	175,265	217,921	327,357	109,437	50.2	122.7	
Italy	143,897	162,569	163,535	144,253	200,999	56,746	39.3	39.7	
Austria	129,399	149,911	146,464	155,438	155,438	0	0.0	20.1	
Finland	44,701	50,797	56,299	62,459	105,671	43,212	69.2	136.4	
EECCA	108,449	143,710	143,146	143,410	152,551	9,142	6.4	40.7	
of which:									
Russian Federation	70,951	98,053	98,053	98,053	98,053	0	0.0	38.2	
Belarus	16,808	21,200	22,209	22,630	31,857	9,227	40.8	89.5	
Ukraine	19,985	23,635	21,675	21,675	21,675	0	0.0	8.5	
North America	442,632	432,346	426,792	344,632	484,979	140,347	40.7	9.6	
Canada	163,437	138,874	137,591	148,276	213,527	65,251	44.0	30.6	
United States	279,195	293,472	289,201	196,356	271,452	75,096	38.2	-2.8	
IMPORTS									
Europe	2,162,015	2,341,442	2,394,888	1,903,617	2,360,090	456,473	24.0	9.2	
of which:									
Germany	267,962	279,511	267,256	317,156	441,784	124,628	39.3	64.9	
France	243,136	267,278	295,370	274,673	350,888	76,215	27.7	44.3	
United Kingdom	229,105	189,038	185,303	150,693	196,419	45,726	30.3	-14.3	
Norway	105,936	115,241	116,890	110,686	143,525	32,839	29.7	35.5	
Switzerland	120,227	141,820	141,075	141,762	141,762	0	0.0	17.9	
Austria	89,458	101,141	96,363	103,642	103,642	0	0.0	15.9	
EECCA	52,881	55,128	56,150	53,963	57,377	3,414	6.3	8.5	
of which:									
Russian Federation	14,587	14,671	14,671	14,671	14,671	0	0.0	0.6	
Kazakhstan	12,153	8,166	9,290	10,438	11,308	870	8.3	-7.0	
Azerbaijan	10,225	13,886	11,695	7,818	7,818	0	0.0	-23.5	
North America	1,440,114	1,445,505	1,395,309	1,391,507	1,984,310	592,803	42.6	37.8	
Canada	184,611	162,637	150,772	139,256	204,251	64,995	46.7	10.6	
United States	1,255,503	1,282,869	1,244,537	1,252,251	1,780,059	527,808	42.1	41.8	

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of wooden furniture, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021	
						Volume	%	%	%
EXPORTS									
Europe	32,244,261	34,920,297	34,094,959	33,466,814	39,795,178	6,328,363	18.9	23.4	
of which:									
Poland	5,761,579	6,329,966	6,406,024	6,870,502	7,891,827	1,021,325	14.9	37.0	
Italy	6,225,070	6,674,261	6,389,124	5,783,275	7,295,196	1,511,921	26.1	17.2	
Germany	5,318,014	5,628,343	5,575,280	5,557,487	6,561,268	1,003,781	18.1	23.4	
Turkey	1,450,661	1,356,522	1,577,982	1,548,402	2,353,534	805,132	52.0	62.2	
Lithuania	1,390,256	1,570,705	1,640,652	1,678,288	2,161,132	482,844	28.8	55.4	
Denmark	1,346,014 r	1,346,014 r	1,346,014 r	1,346,014 r	1,346,014 r	0	0.0	0.0	
EECCA	908,846	1,103,666	1,203,045	1,247,030	1,456,770	209,740	16.8	60.3	
of which:									
Belarus	378,889	455,085	498,245	527,699	740,200	212,501	40.3	95.4	
Ukraine	336,570	427,326	458,083	458,083 r	458,083 r	0	0.0	36.1	
Russian Federation	159,034	183,419	208,487	213,777	213,777 r	0	0.0	34.4	
North America	3,315,740	3,496,365	3,369,518	2,965,264	3,466,528	501,264	16.9	4.5	
Canada	1,660,615	1,649,620 e	1,625,529 e	1,382,411 e	1,604,127 e	221,716	16.0	-3.4	
United States	1,655,125	1,846,745	1,743,989	1,582,853	1,862,401	279,548	17.7	12.5	
IMPORTS									
Europe	28,318,607	30,247,290	30,610,892	30,076,848	35,581,596	5,504,748	18.3	25.6	
of which:									
Germany	5,685,548	6,002,996	6,058,718	6,443,960	7,422,877	978,917	15.2	30.6	
France	3,776,186	4,098,168	4,138,203	3,964,112 n	5,169,220 n	1,205,109	30.4	36.9	
United Kingdom	4,453,458	4,203,503	4,630,419	4,097,658	5,128,527	1,030,868	25.2	15.2	
Switzerland	2,118,501	2,228,016	2,104,045	2,133,028	2,133,028 r	0	0.0	0.7	
Netherlands	1,413,595	1,626,203	1,740,518	1,810,234	1,810,234 r	0	0.0	28.1	
Belgium	1,062,791	1,109,569	1,109,569 r	1,046,535	1,357,625	311,090	29.7	27.7	
EECCA	1,171,059	1,117,553	1,119,745	1,058,676	1,152,569	93,893	8.9	-1.6	
of which:									
Russian Federation	485,604	519,995	503,425	491,879	491,879 r	0	0.0	1.3	
Kazakhstan	357,546 r	196,822	190,686	182,431	247,163	64,732	35.5	-30.9	
Belarus	85,058	113,227	121,505	103,927	123,062	19,135	18.4	44.7	
North America	20,582,806	23,510,030	22,074,028	22,252,063	27,932,726	5,680,663	25.5	35.7	
Canada	2,095,347	2,124,975 e	2,120,396 e	2,006,863 e	2,498,706 e	491,843	24.5	19.3	
United States	18,487,459	21,385,055	19,953,632	20,245,200	25,434,020	5,188,820	25.6	37.6	

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of household and sanitary papers (ready for use), 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021		2017 to 2021
						Volume	%	%
EXPORTS								
Europe	5,638,137	6,158,430	6,179,899	6,228,838	6,105,795	-123,043	-2.0	8.3
of which:								
Germany	1,312,481	1,446,603	1,415,324	1,299,567	1,303,128	3,561	0.3	-0.7
Italy	888,057	928,315	925,863	942,124	905,979	-36,145	-3.8	2.0
France	561,914	604,632	593,142	593,142 r	593,142 r	0	0.0	5.6
Poland	461,035	531,131	557,829	597,123	504,313	-92,809	-15.5	9.4
Sweden	378,602	396,497	386,305	399,402	417,712	18,310	4.6	10.3
Netherlands	254,655	293,231	286,806	361,427	361,427 r	0	0.0	41.9
EECCA	98,632	117,857	121,431	121,899	123,615	1,716	1.4	25.3
of which:								
Russian Federation	61,308	71,751	71,751 r	71,751 r	71,751 r	0	0.0	17.0
Ukraine	28,832	30,785	32,019	32,019 r	32,019 r	0	0.0	11.1
Belarus	3,499	5,749	9,467	10,619	14,342	3,723	35.1	309.9
North America	1,396,841	1,413,508	1,386,314	1,440,910	1,391,412	-49,497	-3.4	-0.4
Canada	504,488	512,204	487,437	533,301	565,151	31,851	6.0	12.0
United States	892,353	901,304	898,877	907,609	826,261	-81,348	-9.0	-7.4
IMPORTS								
Europe	5,120,150	5,588,350	5,509,232	5,632,931	5,427,974	-204,957	-3.6	6.0
of which:								
Germany	884,301	985,250	965,676	986,051	837,989	-148,062	-15.0	-5.2
France	603,388	638,816	654,839	654,839 r	654,839 r	0	0.0	8.5
Belgium	355,514	389,165	389,165 r	433,475	388,156	-45,319	-10.5	9.2
Netherlands	345,486	378,645	371,678	381,829	381,829 r	0	0.0	10.5
Norway	246,524	254,375	244,071	252,876	266,909	14,033	5.5	8.3
Switzerland	248,781	266,360	253,472	260,411	260,411 r	0	0.0	4.7
EECCA	204,516	219,030	235,950	230,492	240,258	9,766	4.2	17.5
of which:								
Russian Federation	66,869	74,029	74,029 r	74,029 r	74,029 r	0	0.0	10.7
Ukraine	33,799	38,776	42,555	42,555 r	42,555 r	0	0.0	25.9
Belarus	19,494	23,234	26,921	28,947	34,117	5,170	17.9	75.0
North America	1,889,029	1,998,143	1,943,402	2,321,532	1,999,597	-321,935	-13.9	5.9
Canada	649,009	645,594	651,358	783,585	598,443	-185,142	-23.6	-7.8
United States	1,240,020	1,352,549	1,292,044	1,537,947	1,401,154	-136,793	-8.9	13.0

Source: UNECE/FAO TIMBER database, 2022.

Production of wood pellets, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021	
						Volume	%
Europe	16,824	17,871	20,277	20,411	21,167	756	3.7
of which:							
Germany	2,250	2,415 n	2,821 n	3,100 n	3,353 n	253	8.2
Latvia	1,517	1,575 e	2,209	2,264	2,138	-126	-5.6
Sweden	1,741	1,642	1,703	1,900 n	1,900 n	0	0.0
France	1,350 n	1,450 n	1,600 n	1,700 n	1,850 n	150	8.8
Austria	1,225	1,345	1,441	1,540	1,607	67	4.4
Estonia	1,436	1,343	1,599	1,600	1,600	0	0.0
EECCA	2,369	2,667	3,455	3,866	3,818	-48	-1.2
of which:							
Russian Federation	1,650 e	1,810 e	2,500 e	2,800 e	2,800 r	0	0.0
Belarus	221	278	412	557	557 r	0	0.0
Ukraine	480 e	553 e	519	478	430 e	-48	-10.0
North America	9,806	10,517	11,793	12,242	12,279	36	0.3
Canada	2,906	3,048	3,200 e	3,830	3,830 r	0	0.0
United States	6,900	7,468	8,593	8,412	8,449	36	0.4

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of wood pellets, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Change 2020 to 2021	
						Volume	%
EXPORTS							
Europe	8,179	9,038	10,389	11,137	12,153	1,016	9.1
of which:							
Latvia	1,621	1,666	2,223	2,364	2,509	145	6.1
Estonia	1,251	1,112	1,126	1,070	1,559	490	45.8
Denmark	327	709	1,064	1,445 e	1,445 r	0	0.0
Austria	671	804	818	849	873	24	2.8
Germany	490	641	771	811	802	-9	-1.1
Lithuania	403	479	598	610	618	9	1.4
EECCA	1,890	2,170	2,762	3,291	3,260	-30	-0.9
of which:							
Russian Federation	1,439	1,511	1,933	2,294	2,294 r	0	0.0
Belarus	205	262	378	532	532	0	0.0
Ukraine	247	397	451	465	435	-30	-6.5
North America	7,375	8,669	9,493	10,158	10,663	506	5.0
Canada	2,172	2,651	2,634	2,901	3,141	240	8.3
United States	5,204	6,017	6,858	7,257	7,523	266	3.7
IMPORTS							
Europe	15,469	17,908	19,858	20,062	20,606	544	2.7
of which:							
United Kingdom	6,885	7,992	8,878	9,078	9,128	50	0.6
Denmark	2,818	3,341	3,125	2,565 e	2,565 r	0	0.0
Netherlands	245	327	1,050	2,297	2,297 r	0	0.0
Italy	1,793	2,186	2,461	1,802	1,902	100	5.6
Belgium	1,091	1,137	979	1,123	879	-244	-21.7
France	271	277	408	412 n	661 n	249	60.4
EECCA	9	12	16	10	15	5	54.7
of which:							
Ukraine	0	0	0	0	5	5	249900.0
Belarus	1	6	12	4	4	0	0.0
Russian Federation	5	2	2 r	2 r	2 r	0	0.0
North America	231	241	239	233	225	-8	-3.5
Canada	20	20	27	29	29	1	2.5
United States	212	221	212	205	196	-9	-4.4

Source: UNECE/FAO TIMBER database, 2022.

Exports and imports of wood pellets, 2017 - 2021 (\$1,000)

	2017	2018	2019	2020	2021	Change 2020 to 2021	
						Volume	%
EXPORTS							
Europe	1,367,479	1,772,849	1,974,857	2,055,589	2,213,340	157,751	7.7
of which:							
Latvia	210,683	255,140	342,447	372,474	411,521	39,048	10.5
Estonia	179,553	183,307	185,541	183,553	253,401	69,848	38.1
Denmark	53,952	127,886	193,609	242,850 e	242,850 r	0	0.0
Austria	151,993	202,615	194,084	192,417	204,483	12,066	6.3
Germany	126,300	175,703	191,871	191,387	171,858	-19,529	-10.2
Lithuania	68,872	94,841	116,424	111,771	111,694	-77	-0.1
EECCA	190,295	269,503	371,815	408,338	410,878	2,540	0.6
of which:							
Russian Federation	142,579	186,166	266,319	290,317	290,317 r	0	0.0
Belarus	22,696	34,398	50,272	63,812	63,812	0	0.0
Ukraine	24,992	48,911	55,221	54,202	56,741	2,539	4.7
North America	972,107	1,187,617	1,319,518	1,387,372	1,486,721	99,349	7.2
Canada	305,562	377,762	376,891	405,779	427,460	21,680	5.3
United States	666,545	809,855	942,627	981,593	1,059,261	77,669	7.9
IMPORTS							
Europe	2,709,661	3,402,521	3,765,211	3,684,975	3,852,192	167,217	4.5
of which:							
United Kingdom	1,237,290	1,489,482	1,669,885	1,716,946	1,781,215	64,269	3.7
Denmark	444,972	610,603	541,764	425,362 e	425,362 r	0	0.0
Italy	361,849	482,889	570,412	374,726	414,368	39,641	10.6
Netherlands	35,624	69,651	177,561	412,050	412,050 r	0	0.0
France	58,405	72,415	106,173	97,962 n	150,750 n	52,788	53.9
Belgium	179,638	192,123	175,394	201,040	145,038	-56,002	-27.9
EECCA	3,721	3,408	3,075	2,575	3,359	784	30.4
of which:							
Russian Federation	2,634	1,834	1,226	1,226 r	1,226 r	0	0.0
Ukraine	1	4	8	0	736	736	245987.0
Belarus	277	692	1,319	586	586	0	0.0
North America	48,563	50,111	53,091	55,796	58,426	2,630	4.7
Canada	7,429	8,719	10,768	13,678	15,429	1,751	12.8
United States	41,134	41,392	42,323	42,118	42,997	880	2.1

Source: UNECE/FAO TIMBER database, 2022.

Wood pellet balance in UNECE, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	Committee estimate for 2022 a/
Europe						
Production	16,824	17,871	20,277	20,411	21,167	22,073
Imports	15,469	17,908	19,858	20,062	20,606	20,172
Exports	8,179	9,038	10,389	11,137	12,153	11,682
Net trade	-7,290	-8,870	-9,468	-8,925	-8,454	-8,490
Apparent consumption	24,114	26,741	29,745	29,336	29,621	30,563
EECCA						
Production	2,369	2,667	3,455	3,866	3,818	3,818
Imports	9	12	16	10	15	15
Exports	1,890	2,170	2,762	3,291	3,260	3,260
Net trade	1,881	2,157	2,745	3,281	3,246	3,246
Apparent consumption	488	510	710	585	572	572
North America						
Production	9,806	10,517	11,793	12,242	12,279	13,244
Imports	231	241	239	233	225	225
Exports	7,375	8,669	9,493	10,158	10,663	10,663
Net trade	7,144	8,428	9,254	9,924	10,438	10,438
Apparent consumption	2,661	2,089	2,539	2,318	1,840	2,805
UNECE region						
Production	28,999	31,055	35,525	36,519	37,263	39,134
Imports	15,709	18,162	20,113	20,305	20,846	20,412
Exports	17,444	19,877	22,643	24,585	26,077	25,606
Net trade	1,735	1,715	2,531	4,280	5,230	5,194
Apparent consumption	27,263	29,340	32,994	32,239	32,033	33,941

Note: a/ The Committee on Forests and the Forest Industry's forecast trend for 2021 to 2022, made at the November 2020 session, was applied to the 2021 figure.

Source: UNECE/FAO TIMBER database, 2022.

Industrial roundwood apparent consumption, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	410,137	441,180	432,648	415,257	432,999	685.7	4.3	5.6
Albania	89	151	147	138	138	48.1	0.0	55.1
Austria	20,688	23,114	23,022	23,132	23,315	2,650.2	0.8	12.7
Belgium	6,390	6,682	6,233	6,386	6,716	590.4	5.2	5.1
Bosnia and Herzegovina	2,824	3,085	3,028	2,931	2,809	732.2	-4.2	-0.5
Bulgaria	3,136	3,408	3,310	2,944	3,123	441.3	6.1	-0.4
Croatia	2,751	3,147	3,129	2,892	2,669	646.3	-7.7	-3.0
Cyprus	2	5	11	8	3	3.8	-57.8	36.4
Czechia	12,326	14,556	13,871	9,525	9,525	899.1	0.0	-22.7
Denmark	1,499	1,897	1,699	1,699	1,699	294.7	0.0	13.4
Estonia	4,663	4,813	4,634	5,832	5,653	4,291.5	-3.1	21.2
Finland	59,244	65,994	60,531	56,302	62,995	11,436.6	11.9	6.3
France	22,490	22,798	22,831	21,621	22,359	334.4	3.4	-0.6
Germany	47,852	56,420	52,526	51,466	53,938	652.5	4.8	12.7
Greece	586	474	427	444	444	41.3	0.0	-24.2
Hungary	2,454	2,844	2,542	1,989	1,989	203.2	0.0	-18.9
Iceland	4	7	2	2	2	5.6	0.0	-52.0
Ireland	3,843	3,837	3,936	3,499	3,494	726.9	-0.1	-9.1
Israel	32	40	47	47	47	5.3	0.0	47.3
Italy	4,863	5,974	10,052	7,257	7,824	129.2	7.8	60.9
Latvia	9,273	9,319	10,063	11,495	11,692	6,019.8	1.7	26.1
Liechtenstein	5	8	5	5	5	141.9	0.0	-4.0
Lithuania	3,483	3,340	3,254	2,859	3,488	1,233.1	22.0	0.1
Luxembourg	576	800	478	721	770	1,291.7	6.9	33.6
Malta	0	0	0	0	0	0.1	0.0	-63.9
Montenegro	300	1,028	785	798	798	1,282.8	0.0	166.2
Netherlands	585	511	527	525	525	30.7	0.0	-10.2
North Macedonia	153	179	143	143	136	65.6	-5.2	-11.3
Norway	7,463	7,747	7,793	7,019	7,928	1,502.3	13.0	6.2
Poland	38,953	37,096	35,409	34,439	35,893	945.2	4.2	-7.9
Portugal	14,049	13,555	13,878	13,142	14,009	1,360.1	6.6	-0.3
Romania	10,938	11,610	11,067	13,154	14,309	730.5	8.8	30.8
Serbia	1,348	1,404	1,782	1,789	1,630	232.2	-8.9	20.9
Slovakia	7,635	8,249	8,180	6,630	7,501	1,379.0	13.1	-1.8
Slovenia	1,589	1,966	2,229	2,165	2,208	1,068.7	2.0	39.0
Spain	13,823	14,516	14,124	12,715	12,817	275.1	0.8	-7.3
Sweden	73,290	76,436	76,934	75,169	74,025	7,360.0	-1.5	1.0
Switzerland	2,457	2,640	2,145	2,298	2,566	303.5	11.6	4.4
Turkey	19,566	22,508	22,691	23,317	24,770	308.4	6.2	26.6
United Kingdom	8,913	9,023	9,183	8,760	9,186	139.1	4.9	3.1
EECCA	198,419	226,378	213,324	211,914	211,271	735.8	-0.3	6.5
Armenia	3	3	2	2	2	0.6	10.3	-50.5
Azerbaijan	7	4	4	4	4	0.4	0.0	-43.9
Belarus	12,193	16,269	15,737	16,434	16,434	1,730.2	0.0	34.8
Georgia	186	192	216	218	231	62.0	6.1	24.0
Kazakhstan	228	193	271	309	397	22.0	28.4	73.8
Kyrgyzstan	20	11	123	-26	11	1.7	...	-47.2
Republic of Moldova	46	46	43	45	37	10.4	-17.7	-20.0
Russian Federation	178,184	200,377	187,342	185,621	185,621	1,289.1	0.0	4.2
Tajikistan	16	16	2	3	3	0.3	0.0	-82.4
Turkmenistan	13	0	0	0	0	0.1	0.0	-96.8
Ukraine	7,294	8,996	9,308	9,003	8,267	195.4	-8.2	13.3
Uzbekistan	228	270	276	301	265	8.2	-11.8	16.5
North America	517,444	534,285	517,736	502,577	512,490	1,414.0	2.0	-1.0
Canada	152,074	152,268	137,015	139,438	138,177	3,764.2	-0.9	-9.1
United States	365,370	382,018	380,721	363,139	374,313	1,149.2	3.1	2.4

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Sawn softwood apparent consumption, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	97,493	99,018	97,917	98,104	106,162	168.1	8.2	8.9
Albania	108	56	80	69	69	24.1	0.0	-35.7
Austria	6,005	6,172	5,955	6,131	6,531	742.4	6.5	8.8
Belgium	1,753	1,850	2,796	3,023	5,352	470.5	77.0	205.3
Bosnia and Herzegovina	23	72	39	36	32	8.4	-10.8	42.7
Bulgaria	452	494	496	503	528	74.6	4.9	16.8
Croatia	291	322	307	273	343	83.1	26.0	18.0
Cyprus	30	34	37	29	32	37.8	10.5	8.9
Czechia	2,570	1,300	1,718	1,859	1,859	175.5	0.0	-27.6
Denmark	1,690	2,192	2,383	2,383	2,383	413.4	0.0	41.0
Estonia	1,845	1,975	1,941	1,973	2,296	1,742.6	16.4	24.4
Finland	2,885	3,701	2,967	3,252	3,731	677.4	14.7	29.3
France	8,221	8,385	8,097	8,188	9,503	142.1	16.1	15.6
Germany	19,332	19,508	19,286	20,583	20,026	242.3	-2.7	3.6
Greece	246	262	284	250	250	23.2	0.0	1.8
Hungary	762	815	912	910	910	92.9	0.0	19.3
Iceland	68	56	50	40	38	110.7	-5.0	-44.0
Ireland	409	492	492	744	738	153.5	-0.8	80.6
Israel	337	439	378	378	378	43.4	0.0	12.0
Italy	4,972	4,694	5,064	3,519	4,227	69.8	20.1	-15.0
Latvia	1,355	1,506	991	1,382	1,957	1,007.3	41.5	44.4
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	895	962	1,032	890	1,217	430.3	36.8	36.0
Luxembourg	78	105	73	55	56	93.1	0.7	-28.9
Malta	6	6	7	7	7	14.2	0.0	16.9
Montenegro	20	12	33	17	17	27.9	0.0	-13.4
Netherlands	2,394	2,574	2,388	2,631	2,631	153.5	0.0	9.9
North Macedonia	33	32	29	48	45	21.7	-5.5	36.5
Norway	3,016	2,934	2,919	2,851	3,197	605.8	12.1	6.0
Poland	4,489	4,562	4,691	4,460	4,401	115.9	-1.3	-2.0
Portugal	762	793	673	743	632	61.4	-14.8	-17.0
Romania	3,137	3,316	3,301	3,518	2,227	113.7	-36.7	-29.0
Serbia	366	370	380	401	379	54.0	-5.5	3.4
Slovakia	873	808	708	576	563	103.5	-2.2	-35.5
Slovenia	696	518	602	704	693	335.3	-1.6	-0.4
Spain	3,080	3,394	3,279	2,436	3,571	76.7	46.6	15.9
Sweden	5,829	6,440	6,498	5,023	6,954	691.4	38.4	19.3
Switzerland	1,180	1,213	1,183	1,219	1,287	152.3	5.6	9.1
Turkey	6,675	6,627	6,197	7,222	6,133	76.4	-15.1	-8.1
United Kingdom	10,615	10,027	9,653	9,780	10,970	166.1	12.2	3.3
EECCA	16,367	15,572	15,844	13,896	13,875	48.3	-0.2	-15.2
Armenia	69	40	47	22	27	9.1	23.8	-60.5
Azerbaijan	838	1,034	972	951	951	96.5	0.0	13.5
Belarus	1,068	499	1,127	448	448	47.1	0.0	-58.1
Georgia	46	90	54	43	12	3.1	-73.3	-75.1
Kazakhstan	527	167	286	501	572	31.7	14.1	8.5
Kyrgyzstan	260	160	160	169	175	28.3	3.6	-32.6
Republic of Moldova	205	203	216	221	221	62.3	0.0	7.9
Russian Federation	9,842	9,548	9,834	9,127	9,127	63.4	0.0	-7.3
Tajikistan	683	683	132	79	79	9.0	0.0	-88.4
Turkmenistan	344	52	59	59	59	10.3	0.0	-82.8
Ukraine	321	349	296	-388	0	0.0	...	-99.9
Uzbekistan	2,164	2,746	2,662	2,664	2,203	68.0	-17.3	1.8
North America	97,571	99,458	96,271	99,902	101,930	281.2	2.0	4.5
Canada	16,165	17,514	14,009	13,784	14,370	391.5	4.2	-11.1
United States	81,405	81,944	82,261	86,118	87,560	268.8	1.7	7.6

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Sawn hardwood apparent consumption, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	13,315	14,095	14,488	12,997	13,615	21.6	4.8	2.3
Albania	10	47	50	57	57	19.7	0.0	473.6
Austria	187	200	252	206	183	20.8	-11.0	-1.9
Belgium	204	208	508	153	265	23.3	72.4	30.0
Bosnia and Herzegovina	1,028	900	899	731	791	206.3	8.3	-23.1
Bulgaria	88	112	119	70	71	10.0	0.8	-19.6
Croatia	242	380	376	279	98	23.8	-64.8	-59.3
Cyprus	12	9	13	7	6	7.4	-13.3	-48.8
Czechia	233	357	307	338	338	31.9	0.0	44.9
Denmark	101	548	827	827	827	143.5	0.0	718.9
Estonia	154	108	131	181	230	174.6	27.0	49.7
Finland	54	57	48	47	64	11.6	37.5	19.1
France	1,178	1,086	1,009	1,143	1,027	15.4	-10.1	-12.8
Germany	723	772	912	709	832	10.1	17.5	15.1
Greece	55	64	66	63	63	5.8	0.0	13.1
Hungary	254	312	281	53	53	5.4	0.0	-79.3
Iceland	5	5	5	5	5	14.6	0.0	-7.5
Ireland	40	29	29	28	28	5.8	-1.8	-31.1
Israel	113	154	124	124	124	14.3	0.0	10.3
Italy	1,271	1,221	1,146	983	1,019	16.8	3.6	-19.8
Latvia	233	278	207	172	235	120.9	36.6	0.7
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	371	384	401	273	286	101.0	4.7	-23.0
Luxembourg	40	45	51	29	43	71.9	48.9	6.2
Malta	8	7	7	7	7	14.8	0.0	-17.3
Montenegro	10	-21	-24	-23	-23	-37.6	...	...
Netherlands	354	392	341	314	314	18.3	0.0	-11.5
North Macedonia	6	6	6	4	4	1.8	-13.5	-39.3
Norway	21	21	15	15	20	3.7	32.0	-5.1
Poland	742	714	641	515	458	12.1	-11.1	-38.3
Portugal	6	185	226	217	260	25.3	19.7	3934.2
Romania	1,033	1,110	1,137	1,163	1,233	63.0	6.0	19.4
Serbia	223	200	206	141	185	26.4	31.2	-17.0
Slovakia	321	308	314	269	225	41.4	-16.2	-29.9
Slovenia	107	123	117	121	103	50.0	-14.4	-3.3
Spain	525	624	581	587	648	13.9	10.4	23.4
Sweden	111	120	134	111	111	11.0	-0.4	-0.5
Switzerland	70	81	84	78	79	9.3	1.4	12.8
Turkey	2,588	2,343	2,315	2,446	2,815	35.0	15.1	8.7
United Kingdom	593	608	627	555	534	8.1	-3.9	-10.0
EECCA	1,527	1,791	2,082	1,734	1,591	6.6	-8.3	4.2
Armenia	2	0	3	0	0	0.0	...	...
Azerbaijan	10	25	6	4	4	0.4	0.0	-59.1
Belarus	140	154	181	93	93	9.8	0.0	-33.8
Georgia	17	38	7	48	35	9.5	-26.4	104.0
Kazakhstan	43	27	36	53	48	2.7	-8.7	11.8
Kyrgyzstan	110	106	12	0	0	0.0	...	-99.9
Republic of Moldova	16	18	13	12	12	3.4	0.0	-22.6
Russian Federation	1,093	1,285	1,618	1,341	1,341	9.3	0.0	22.7
Tajikistan	2	2	4	2	2	0.3	0.0	8.7
Turkmenistan	2	0	0	0	0	0.0	0.0	-90.2
Ukraine	79	86	144	138	-2	-0.1	...	...
Uzbekistan	14	49	58	43	57	1.8	32.0	322.4
North America	20,822	20,639	20,805	15,040	15,549	42.9	3.4	-25.3
Canada	1,829	1,498	1,313	1,233	1,201	32.7	-2.6	-34.3
United States	18,993	19,140	19,492	13,806	14,348	44.0	3.9	-24.5

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Wood based panels apparent consumption, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	74,210	75,797	74,877	72,380	74,712	118.3	3.2	0.7
Albania	125	53	55	82	82	28.7	0.0	-34.2
Austria	1,600	1,654	1,405	1,434	1,648	187.4	14.9	3.0
Belgium	1,450	1,404	1,636	1,447	1,400	123.1	-3.3	-3.5
Bosnia and Herzegovina	292	301	297	307	359	93.7	17.0	23.3
Bulgaria	780	991	887	870	834	117.9	-4.1	6.9
Croatia	299	319	334	374	358	86.7	-4.4	19.9
Cyprus	82	96	94	96	90	104.9	-5.9	10.1
Czechia	730	793	1,024	1,058	1,058	99.8	0.0	44.9
Denmark	1,074	894	1,025	1,025	1,025	177.7	0.0	-4.6
Estonia	386	445	384	378	402	305.0	6.4	4.0
Finland	625	659	622	646	615	111.6	-4.8	-1.7
France	4,890	4,978	4,173	3,447	3,712	55.5	7.7	-24.1
Germany	12,094	12,231	12,277	12,693	13,074	158.2	3.0	8.1
Greece	613	730	739	755	755	70.2	0.0	23.3
Hungary	882	1,121	1,013	936	936	95.6	0.0	6.1
Iceland	29	37	33	22	22	64.1	-1.4	-25.0
Ireland	380	373	373	443	345	71.8	-22.0	-9.1
Israel	567	602	593	593	593	68.0	0.0	4.5
Italy	5,390	6,187	6,647	5,384	5,525	91.3	2.6	2.5
Latvia	288	287	328	354	468	241.0	32.1	62.6
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	1,473	1,528	1,567	1,650	1,883	665.9	14.2	27.8
Luxembourg	70	91	108	152	156	261.3	2.6	123.9
Malta	37	41	26	26	26	55.1	0.0	-29.8
Montenegro	36	37	39	33	33	53.5	0.0	-6.2
Netherlands	1,509	1,576	1,429	1,551	1,551	90.5	0.0	2.8
North Macedonia	144	214	235	141	179	86.3	27.3	24.5
Norway	720	752	708	663	659	124.8	-0.7	-8.5
Poland	11,224	11,415	11,813	11,481	12,505	329.3	8.9	11.4
Portugal	1,163	1,267	1,257	1,185	1,434	139.2	21.0	23.3
Romania	3,522	2,332	2,375	2,194	2,960	151.1	34.9	-16.0
Serbia	486	587	512	571	629	89.6	10.1	29.4
Slovakia	888	875	844	893	754	138.6	-15.6	-15.1
Slovenia	264	286	281	261	294	142.2	12.5	11.1
Spain	3,071	3,260	3,210	3,043	3,171	68.0	4.2	3.2
Sweden	1,601	1,653	1,662	1,660	1,688	167.8	1.7	5.4
Switzerland	890	885	699	683	826	97.7	20.9	-7.2
Turkey	8,280	8,208	7,712	8,038	5,844	72.8	-27.3	-29.4
United Kingdom	6,258	6,634	6,461	5,810	6,819	103.2	17.4	9.0
EECCA	17,783	20,846	20,399	19,733	20,987	73.1	6.4	18.0
Armenia	86	112	119	106	127	42.6	19.2	48.3
Azerbaijan	459	427	497	459	459	46.6	0.0	0.0
Belarus	1,694	2,232	2,008	1,778	1,778	187.2	0.0	5.0
Georgia	308	286	314	210	208	55.7	-1.2	-32.5
Kazakhstan	970	981	847	800	1,403	77.8	75.4	44.7
Kyrgyzstan	156	193	238	366	386	62.3	5.5	147.3
Republic of Moldova	151	153	168	172	172	48.6	0.0	14.5
Russian Federation	10,886	11,519	11,023	10,922	10,922	75.9	0.0	0.3
Tajikistan	120	120	196	196	196	22.2	0.0	62.6
Turkmenistan	109	106	60	60	60	10.5	0.0	-44.7
Ukraine	2,059	3,197	3,065	3,013	3,588	84.8	19.1	74.3
Uzbekistan	786	1,520	1,862	1,650	1,688	52.1	2.3	114.7
North America	56,201	53,177	54,253	53,657	57,342	158.2	6.9	2.0
Canada	7,426	5,245	7,468	6,172	7,116	193.9	15.3	-4.2
United States	48,775	47,932	46,785	47,485	50,225	154.2	5.8	3.0

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Plywood apparent consumption, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	8,889	9,476	9,149	8,804	9,339	14.8	6.1	5.1
Albania	2	2	2	3	3	1.1	0.0	50.0
Austria	174	224	65	102	93	10.5	-9.1	-46.6
Belgium	209	219	227	287	317	27.9	10.6	51.6
Bosnia and Herzegovina	19	22	21	25	28	7.3	11.5	46.2
Bulgaria	69	79	79	67	65	9.2	-2.2	-5.9
Croatia	35	35	36	28	29	7.0	2.9	-18.3
Cyprus	10	15	21	17	13	14.8	-25.0	24.5
Czechia	152	154	151	182	182	17.1	0.0	19.1
Denmark	230	236	235	235	235	40.7	0.0	1.8
Estonia	101	145	103	85	102	77.2	20.1	0.2
Finland	298	326	290	289	296	53.7	2.2	-0.9
France	612	623	626	658	923	13.8	40.3	50.8
Germany	1,247	1,345	1,222	1,164	1,185	14.3	1.8	-4.9
Greece	68	85	69	63	63	5.9	0.0	-6.4
Hungary	69	84	91	71	71	7.2	0.0	2.5
Iceland	9	10	8	5	5	14.6	0.0	-46.7
Ireland	65	57	57	83	56	11.7	-31.8	-13.0
Israel	277	323	305	305	305	35.0	0.0	10.3
Italy	496	637	704	474	571	9.4	20.6	15.2
Latvia	96	96	64	50	65	33.5	30.8	-32.4
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	111	124	123	117	142	50.1	21.4	27.9
Luxembourg	30	29	19	8	11	18.6	32.3	-62.7
Malta	9	16	10	10	10	20.9	0.0	10.9
Montenegro	4	6	5	4	4	7.2	0.0	7.4
Netherlands	549	538	521	546	546	31.8	0.0	-0.7
North Macedonia	20	27	28	8	9	4.5	23.8	-52.3
Norway	112	127	133	139	102	19.3	-26.4	-9.2
Poland	641	633	602	590	605	15.9	2.6	-5.6
Portugal	128	83	210	185	249	24.2	34.8	95.0
Romania	254	45	207	216	217	11.1	0.5	-14.5
Serbia	8	21	30	36	42	6.0	16.7	438.5
Slovakia	423	415	395	364	232	42.6	-36.2	-45.1
Slovenia	65	62	78	61	79	38.2	28.4	21.2
Spain	381	406	423	408	438	9.4	7.3	15.0
Sweden	270	285	308	294	260	25.8	-11.8	-3.9
Switzerland	206	205	202	201	202	23.9	0.8	-2.1
Turkey	315	221	111	147	98	1.2	-33.5	-68.9
United Kingdom	1,123	1,519	1,367	1,280	1,486	22.5	16.1	32.3
EECCA	1,885	1,931	1,901	1,683	1,857	6.5	10.3	-1.5
Armenia	6	6	8	9	10	3.4	10.5	84.5
Azerbaijan	96	105	95	104	104	10.5	0.0	8.1
Belarus	61	90	91	62	62	6.5	0.0	1.1
Georgia	69	60	49	42	36	9.7	-14.2	-47.8
Kazakhstan	151	64	61	59	229	12.7	289.6	51.2
Kyrgyzstan	20	25	19	18	11	1.8	-40.1	-44.1
Republic of Moldova	6	8	6	8	8	2.4	0.0	36.1
Russian Federation	1,313	1,391	1,388	1,215	1,215	8.4	0.0	-7.5
Tajikistan	3	3	11	11	11	1.2	0.0	289.0
Turkmenistan	33	8	11	11	11	1.9	0.0	-67.3
Ukraine	96	118	112	94	106	2.5	12.8	10.7
Uzbekistan	31	53	50	50	54	1.7	7.3	73.3
North America	18,926	17,442	16,706	17,735	19,547	53.9	10.2	3.3
Canada	3,328	2,571	2,673	2,304	2,515	68.5	9.2	-24.4
United States	15,598	14,870	14,033	15,432	17,031	52.3	10.4	9.2

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Particle board apparent consumption (excluding OSB), 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	36,966	36,556	36,065	33,861	35,186	55.7	3.9	-4.8
Albania	80	40	36	35	35	12.1	0.0	-56.7
Austria	813	816	751	719	866	98.5	20.4	6.6
Belgium	563	578	594	706	2	0.2	-99.7	-99.6
Bosnia and Herzegovina	162	164	168	166	197	51.3	18.6	21.1
Bulgaria	517	660	570	554	487	68.9	-12.0	-5.8
Croatia	178	185	186	223	198	47.9	-11.2	11.4
Cyprus	43	43	42	43	47	54.6	8.2	10.2
Czechia	198	233	188	236	236	22.3	0.0	19.7
Denmark	582	412	472	472	472	81.9	0.0	-18.9
Estonia	178	181	180	174	182	138.3	4.7	2.2
Finland	146	148	144	144	107	19.4	-25.6	-26.5
France	2,711	2,721	1,985	1,518	1,499	22.4	-1.2	-44.7
Germany	6,046	5,956	5,886	5,825	6,015	72.8	3.3	-0.5
Greece	355	435	458	470	470	43.7	0.0	32.5
Hungary	434	510	357	318	318	32.5	0.0	-26.6
Iceland	8	15	11	7	6	18.7	-11.1	-18.8
Ireland	101	101	101	88	105	21.8	18.7	3.8
Israel	69	83	100	100	100	11.5	0.0	45.9
Italy	2,914	3,537	3,607	3,080	3,149	52.0	2.2	8.1
Latvia	89	112	150	182	205	105.3	12.5	129.4
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	1,109	1,119	1,134	1,213	1,382	488.6	14.0	24.7
Luxembourg	12	16	6	22	15	25.0	-31.7	23.0
Malta	10	11	10	10	10	20.7	0.0	-4.5
Montenegro	17	17	18	19	19	30.2	0.0	7.7
Netherlands	386	418	358	375	375	21.9	0.0	-2.8
North Macedonia	66	129	150	74	93	45.0	26.5	41.4
Norway	236	186	206	150	138	26.1	-8.2	-41.6
Poland	6,235	6,397	6,863	6,640	7,294	192.1	9.8	17.0
Portugal	635	676	691	560	451	43.8	-19.5	-28.9
Romania	2,028	818	891	782	1,020	52.1	30.4	-49.7
Serbia	330	372	320	349	420	59.8	20.3	27.3
Slovakia	175	184	171	238	182	33.5	-23.5	4.0
Slovenia	151	158	150	143	155	75.2	8.8	3.2
Spain	1,621	1,599	1,621	1,586	1,566	33.6	-1.3	-3.4
Sweden	909	925	975	950	971	96.6	2.2	6.8
Switzerland	286	259	272	251	262	31.0	4.2	-8.5
Turkey	3,627	3,544	3,549	3,234	3,535	44.0	9.3	-2.5
United Kingdom	2,947	2,798	2,695	2,203	2,600	39.4	18.0	-11.8
EECCA	8,847	10,698	9,868	9,810	10,800	37.6	10.1	22.1
Armenia	49	65	68	58	78	26.1	34.4	57.1
Azerbaijan	248	208	199	187	187	18.9	0.0	-24.8
Belarus	639	794	437	512	512	53.9	0.0	-20.0
Georgia	124	149	149	142	144	38.7	1.6	16.8
Kazakhstan	563	604	464	436	739	41.0	69.4	31.4
Kyrgyzstan	32	64	46	194	250	40.3	29.0	678.6
Republic of Moldova	79	84	93	93	93	26.2	0.0	18.0
Russian Federation	5,446	5,827	5,407	5,291	5,291	36.7	0.0	-2.9
Tajikistan	...	...	136	139	139	15.8	0.0	...
Turkmenistan	37	57	18	18	18	3.2	0.0	-50.4
Ukraine	993	2,070	2,001	1,959	2,517	59.5	28.5	153.4
Uzbekistan	561	701	850	781	833	25.7	6.6	48.5
North America	6,634	5,207	6,688	6,373	6,622	18.3	3.9	-0.2
Canada	1,542	23	1,292	1,137	1,511	41.2	32.9	-2.0
United States	5,092	5,184	5,396	5,236	5,110	15.7	-2.4	0.4

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

OSB apparent consumption, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	6,634	6,888	6,875	6,939	7,773	12.3	12.0	17.2
Albania	1	1	1	2	2	0.6	0.0	74.1
Austria	162	168	159	177	185	21.1	4.6	14.2
Belgium	347	333	358	422	639	56.1	51.3	84.0
Bosnia and Herzegovina	12	12	4	14	14	3.5	-3.6	16.9
Bulgaria	94	147	126	122	175	24.8	43.5	86.5
Croatia	30	34	37	41	33	8.1	-18.7	10.4
Cyprus	11	17	15	20	15	17.6	-25.1	32.6
Czechia	203	229	550	357	357	33.7	0.0	75.7
Denmark	28	49	56	56	56	9.7	0.0	95.8
Estonia	34	39	38	44	43	33.0	-2.2	29.4
Finland	38	45	43	49	47	8.6	-2.7	24.9
France	449	469	469	495	522	7.8	5.4	16.1
Germany	1,694	1,566	1,430	1,579	1,473	17.8	-6.7	-13.1
Greece	11	13	12	12	12	1.1	0.0	5.0
Hungary	71	143	136	121	121	12.4	0.0	69.5
Iceland	1	0	2	2	2	4.6	-11.2	186.5
Ireland	57	47	47	57	59	12.4	4.6	5.2
Israel	8	24	18	18	18	2.0	0.0	109.4
Italy	334	304	266	302	267	4.4	-11.7	-20.3
Latvia	82	45	86	88	181	93.0	105.0	119.1
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	72	73	72	92	72	25.5	-21.3	0.4
Luxembourg	9	12	51	76	117	196.0	53.6	1252.7
Malta	0	0	0	0	0	0.1	0.0	462.5
Montenegro	3	3	3	3	3	5.0	0.0	0.0
Netherlands	128	143	132	168	168	9.8	0.0	30.7
North Macedonia	3	2	5	3	3	1.6	4.5	18.8
Norway	92	106	55	55	49	9.2	-11.8	-47.1
Poland	673	699	698	666	998	26.3	49.9	48.3
Portugal	23	32	30	34	31	3.0	-10.5	31.6
Romania	653	723	571	426	661	33.7	55.2	1.1
Serbia	50	74	50	62	44	6.3	-29.0	-12.0
Slovakia	79	81	79	91	91	16.8	0.9	15.4
Slovenia	22	26	29	34	33	16.1	-2.3	48.4
Spain	28	30	25	11	16	0.3	42.9	-43.0
Sweden	153	166	119	140	116	11.5	-17.1	-24.1
Switzerland	88	93	81	81	90	10.6	11.6	1.5
Turkey	259	217	209	170	137	1.7	-19.4	-47.1
United Kingdom	628	726	814	851	925	14.0	8.7	47.3
EECCA	1,631	1,959	1,823	2,049	2,044	7.1	-0.3	25.3
Armenia	0	1	1	2	2	0.5	-6.8	261.5
Azerbaijan	1	1	1	1	1	0.1	0.0	0.0
Belarus	-106	68	90	59	59	6.2	0.0	...
Georgia	4	7	7	8	5	1.5	-29.7	36.9
Kazakhstan	85	75	65	58	66	3.7	13.7	-22.6
Kyrgyzstan	10	21	43	48	31	5.0	-34.1	217.5
Republic of Moldova	33	27	34	34	34	9.5	0.0	1.0
Russian Federation	1,289	1,464	1,344	1,615	1,615	11.2	0.0	25.2
Tajikistan	1	1	4	0	0	0.0	0.0	-96.4
Turkmenistan	3	3	0	0	0	0.0	0.0	-97.0
Ukraine	310	288	230	224	224	5.3	0.0	-27.7
Uzbekistan	1	3	4	2	7	0.2	272.5	616.8
North America	19,698	20,150	20,747	20,084	21,417	59.1	6.6	8.7
Canada	1,364	1,286	2,082	1,510	1,596	43.5	5.7	17.0
United States	18,335	18,864	18,665	18,573	19,821	60.9	6.7	8.1

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Fiberboard apparent consumption, 2017 - 2021 (1,000 m3)

	2017	2018	2019	2020	2021	m3 per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	21,721	22,877	22,788	22,776	22,413	35.5	-1.6	3.2
Albania	42	11	17	43	43	14.9	0.0	2.2
Austria	452	446	430	436	504	57.3	15.8	11.6
Belgium	331	275	457	32	442	38.9	1270.1	33.7
Bosnia and Herzegovina	98	104	105	102	121	31.6	18.7	23.0
Bulgaria	100	105	112	127	106	15.0	-16.4	6.3
Croatia	55	64	75	82	98	23.7	18.5	77.0
Cyprus	18	21	17	15	15	17.8	0.5	-13.1
Czechia	177	177	135	283	283	26.7	0.0	60.1
Denmark	233	196	262	262	262	45.5	0.0	12.5
Estonia	73	79	62	74	74	56.5	0.1	2.1
Finland	143	140	146	164	165	29.9	0.5	14.9
France	1,119	1,165	1,094	777	769	11.5	-1.0	-31.3
Germany	3,107	3,365	3,740	4,126	4,401	53.2	6.7	41.6
Greece	179	196	200	210	210	19.5	0.0	17.3
Hungary	308	385	429	426	426	43.5	0.0	38.4
Iceland	12	12	12	8	9	26.2	8.3	-21.8
Ireland	158	168	168	215	125	25.9	-42.1	-21.0
Israel	214	172	170	170	170	19.5	0.0	-20.5
Italy	1,646	1,710	2,070	1,529	1,539	25.4	0.6	-6.5
Latvia	20	34	28	35	18	9.2	-48.4	-11.1
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	182	213	238	229	288	101.7	25.6	57.9
Luxembourg	19	34	31	46	13	21.6	-71.7	-32.4
Malta	18	14	6	6	6	13.4	0.0	-64.7
Montenegro	11	11	14	7	7	11.1	0.0	-36.0
Netherlands	446	477	418	463	463	27.0	0.0	3.9
North Macedonia	55	56	51	56	73	35.2	29.9	31.9
Norway	279	334	315	319	370	70.2	15.9	32.5
Poland	3,675	3,686	3,650	3,586	3,608	95.0	0.6	-1.8
Portugal	377	477	326	406	702	68.2	73.2	86.4
Romania	585	746	706	770	1,062	54.2	37.9	81.4
Serbia	98	120	112	124	123	17.5	-1.0	25.3
Slovakia	211	195	198	200	248	45.6	23.9	17.7
Slovenia	26	41	24	23	26	12.7	15.2	-0.3
Spain	1,040	1,225	1,140	1,038	1,150	24.7	10.9	10.6
Sweden	269	277	260	275	341	33.9	23.9	27.0
Switzerland	309	327	144	151	272	32.2	80.6	-11.8
Turkey	4,079	4,226	3,843	4,487	2,074	25.8	-53.8	-49.2
United Kingdom	1,559	1,591	1,586	1,475	1,807	27.4	22.5	15.9
EECCA	5,420	6,257	6,808	6,191	6,286	21.9	1.5	16.0
Armenia	30	41	42	38	37	12.5	-0.8	24.0
Azerbaijan	114	112	202	167	167	17.0	0.0	47.2
Belarus	1,100	1,280	1,391	1,146	1,146	120.6	0.0	4.2
Georgia	111	69	109	18	22	5.9	18.6	-80.3
Kazakhstan	170	238	257	246	369	20.4	49.7	116.3
Kyrgyzstan	95	83	131	107	94	15.2	-11.8	-0.6
Republic of Moldova	32	34	36	37	37	10.5	0.0	15.6
Russian Federation	2,838	2,837	2,884	2,802	2,802	19.5	0.0	-1.3
Tajikistan	...	...	46	46	46	5.2	0.0	...
Turkmenistan	36	38	31	31	31	5.4	0.0	-13.6
Ukraine	660	720	722	736	741	17.5	0.7	12.3
Uzbekistan	193	763	958	817	794	24.5	-2.8	311.0
North America	10,943	10,378	10,112	9,465	9,756	26.9	3.1	-10.9
Canada	1,193	1,364	1,421	1,221	1,493	40.7	22.3	25.1
United States	9,750	9,014	8,691	8,244	8,262	25.4	0.2	-15.3

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Chemical woodpulp apparent consumption, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	mt per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	33,906	34,381	32,151	31,423	32,677	51.8	4.0	-3.6
Albania	0	0	0	0	0	0.0	0.0	...
Austria	1,645	1,595	1,544	1,477	1,545	175.7	4.7	-6.0
Belgium	427	530	530	337	304	26.8	-9.7	-28.6
Bosnia and Herzegovina	107	119	105	118	118	30.9	0.2	10.6
Bulgaria	130	128	125	146	114	16.1	-21.9	-12.3
Croatia	0	0	0	0	0	0.1	165.0	167.2
Cyprus	0	1	0	0	0	0.3	-12.6	-12.6
Czechia	671	581	731	756	756	71.4	0.0	12.8
Denmark	46	47	39	39	39	6.7	0.0	-15.8
Estonia	70	65	64	76	87	66.4	14.3	25.8
Finland	4,792	4,992	4,184	3,750	4,632	840.9	23.5	-3.3
France	3,030	3,005	2,681	2,846	2,756	41.2	-3.2	-9.0
Germany	5,204	5,151	4,623	4,201	4,244	51.3	1.0	-18.4
Greece	86	90	99	107	107	9.9	0.0	24.5
Hungary	128	137	125	130	130	13.3	0.0	1.4
Iceland	0	0	0	0	0	0.0	...	...
Ireland	2	4	4	7	6	1.2	-16.4	128.0
Israel	152	170	153	153	153	17.5	0.0	0.3
Italy	2,998	3,199	3,317	3,080	3,065	50.6	-0.5	2.2
Latvia	-1	-1	1	1	1	0.5	66.7	...
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	23	31	35	32	35	12.5	10.2	51.0
Luxembourg	0	0	0	0	0	0.0	...	...
Malta	0	0	0	0	0	0.0	...	...
Montenegro	0	0	0	0	0	0.0	0.0	0.0
Netherlands	292	531	563	901	901	52.6	0.0	209.0
North Macedonia	0	0	0	0	0	0.0	-6.3	-73.2
Norway	76	82	59	221	219	41.5	-0.8	186.8
Poland	1,697	1,903	1,832	1,886	1,867	49.2	-1.0	10.1
Portugal	1,742	1,766	1,638	1,512	1,655	160.6	9.5	-5.0
Romania	150	154	117	124	129	6.6	3.5	-14.1
Serbia	58	67	70	78	68	9.7	-13.4	17.2
Slovakia	593	595	568	536	670	123.2	25.1	13.0
Slovenia	228	235	222	270	258	124.9	-4.3	13.3
Spain	1,400	1,406	1,332	1,349	1,335	28.6	-1.1	-4.6
Sweden	5,938	5,538	5,240	5,324	5,484	545.2	3.0	-7.7
Switzerland	106	104	90	90	95	11.3	6.0	-9.9
Turkey	1,189	1,178	1,265	1,335	1,206	15.0	-9.7	1.4
United Kingdom	927	979	798	541	696	10.5	28.5	-24.9
EECCA	4,133	4,298	4,170	4,416	4,423	15.4	0.2	7.0
Armenia	0	0	0	0	0	0.0	-20.0	300.0
Azerbaijan	0	0	0	0	0	0.0	0.0	-64.8
Belarus	22	21	43	52	52	5.5	0.0	141.2
Georgia	0	0	0	0	0	0.0	39.0	280.0
Kazakhstan	7	6	6	15	13	0.7	-10.9	87.2
Kyrgyzstan	0	0	0	0	0	0.0	-97.8	...
Republic of Moldova	0	0	0	0	0	0.0	0.0	-11.1
Russian Federation	4,043	4,187	4,033	4,269	4,269	29.7	0.0	5.6
Tajikistan	...	...	1	0	0	0.0	0.0	...
Turkmenistan	0	2	2	2	2	0.3	0.0	...
Ukraine	53	59	61	64	70	1.6	8.7	30.9
Uzbekistan	8	22	23	14	17	0.5	22.5	120.2
North America	42,799	47,028	45,840	45,742	46,204	127.5	1.0	8.0
Canada	1,992	2,127	2,369	2,186	2,760	75.2	26.2	38.5
United States	40,806	44,901	43,470	43,555	43,443	133.4	-0.3	6.5

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Paper and paperboard apparent consumption, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	mt per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	89,939	89,560	86,395	83,443	85,971	136.2	3.0	-4.4
Albania	25	53	55	53	53	18.6	0.0	110.9
Austria	2,120	2,150	2,084	2,111	2,333	265.2	10.5	10.0
Belgium	2,018	1,992	2,170	1,959	2,076	182.5	5.9	2.9
Bosnia and Herzegovina	128	136	177	109	116	30.3	7.1	-9.4
Bulgaria	534	553	537	518	573	81.0	10.5	7.3
Croatia	508	512	528	504	542	131.1	7.4	6.7
Cyprus	53	50	50	46	44	51.7	-3.4	-15.5
Czechia	1,489	1,530	1,449	1,454	1,454	137.2	0.0	-2.3
Denmark	904	828	766	766	766	132.8	0.0	-15.3
Estonia	149	140	154	131	126	95.4	-4.2	-15.5
Finland	847	838	732	681	636	115.4	-6.7	-24.9
France	8,806	8,707	8,451	7,911	8,293	124.0	4.8	-5.8
Germany	20,491	20,037	18,750	18,057	18,831	227.8	4.3	-8.1
Greece	936	989	1,007	981	981	91.2	0.0	4.8
Hungary	956	952	949	928	928	94.8	0.0	-3.0
Iceland	21	38	35	34	9	26.2	-73.3	-56.5
Ireland	431	422	422	377	380	79.1	0.8	-11.7
Israel	847	857	817	817	817	93.8	0.0	-3.5
Italy	10,781	11,172	10,811	10,204	11,188	184.8	9.6	3.8
Latvia	166	166	161	162	174	89.6	7.5	4.6
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	306	340	356	320	402	142.1	25.7	31.3
Luxembourg	163	175	184	25	31	51.3	20.4	-81.2
Malta	25	26	26	26	26	54.6	0.0	1.4
Montenegro	10	9	10	8	8	12.4	0.0	-20.6
Netherlands	2,914	3,014	2,671	2,608	2,608	152.3	0.0	-10.5
North Macedonia	90	77	82	79	88	42.5	11.1	-2.5
Norway	466	463	578	388	387	73.4	-0.1	-16.9
Poland	6,646	6,695	6,777	7,332	7,936	209.0	8.2	19.4
Portugal	1,083	1,059	1,019	1,191	1,260	122.3	5.7	16.3
Romania	908	955	924	875	1,075	54.9	22.9	18.4
Serbia	738	771	722	727	760	108.2	4.6	2.9
Slovakia	625	632	591	718	588	108.1	-18.1	-6.0
Slovenia	730	769	790	832	814	394.0	-2.2	11.5
Spain	6,747	6,925	6,760	6,556	6,719	144.2	2.5	-0.4
Sweden	1,858	1,427	1,259	999	704	70.0	-29.5	-62.1
Switzerland	1,000	1,012	1,058	1,058	1,050	124.3	-0.8	5.0
Turkey	4,767	4,515	4,335	4,489	4,432	55.2	-1.3	-7.0
United Kingdom	8,652	8,573	8,150	7,408	6,764	102.4	-8.7	-21.8
EECCA	9,507	10,064	10,221	10,120	10,021	34.9	-1.0	5.4
Armenia	46	60	57	52	51	17.1	-2.4	10.9
Azerbaijan	64	78	95	100	100	10.1	0.0	55.1
Belarus	410	439	472	446	446	47.0	0.0	8.7
Georgia	65	72	81	84	95	25.4	13.0	46.1
Kazakhstan	429	474	467	575	506	28.1	-11.9	18.0
Kyrgyzstan	20	23	26	15	20	3.2	36.2	1.2
Republic of Moldova	40	42	43	44	44	12.5	0.0	10.0
Russian Federation	6,888	7,123	7,211	7,116	7,116	49.4	0.0	3.3
Tajikistan	9	9	15	14	14	1.6	0.0	56.2
Turkmenistan	...	16	17	17	17	3.0	0.0	...
Ukraine	1,328	1,488	1,443	1,417	1,360	32.1	-4.0	2.4
Uzbekistan	182	239	294	241	252	7.8	4.9	38.3
North America	75,037	74,055	71,520	68,587	70,959	195.8	3.5	-5.4
Canada	5,428	5,235	5,209	5,020	5,338	145.4	6.3	-1.7
United States	69,609	68,821	66,311	63,567	65,622	201.5	3.2	-5.7

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Graphic papers apparent consumption, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	mt per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	29,215	27,957	25,489	21,752	21,111	33.7	-2.9	-27.7
Albania	9	20	18	14	14	4.7	0.0	48.8
Austria	504	542	496	592	752	85.5	27.0	49.2
Belgium	775	897	733	499	262	23.0	-47.5	-66.2
Bosnia and Herzegovina	39	41	94	34	40	10.4	16.4	1.9
Bulgaria	91	87	81	60	72	10.2	20.6	-20.7
Croatia	128	124	121	102	113	27.3	10.2	-11.8
Cyprus	23	22	19	14	12	14.5	-12.0	-45.7
Czechia	458	450	394	441	441	41.6	0.0	-3.8
Denmark	399	325	319	319	319	55.3	0.0	-20.2
Estonia	91	88	84	72	69	52.4	-3.8	-23.9
Finland	-18	-78	-123	-148	-287	-52.0	...	...
France	3,163	3,036	2,884	2,434	2,431	36.4	-0.1	-23.1
Germany	7,975	7,518	6,683	5,734	5,848	70.7	2.0	-26.7
Greece	293	305	300	243	243	22.6	0.0	-17.1
Hungary	327	318	298	271	271	27.7	0.0	-16.9
Iceland	12	12	9	8	2	6.2	-73.2	-81.9
Ireland	143	134	134	87	84	17.5	-3.8	-41.3
Israel	324	307	279	279	279	32.0	0.0	-13.8
Italy	2,905	2,967	2,594	2,145	2,153	35.6	0.4	-25.9
Latvia	85	85	79	77	81	41.9	5.7	-4.5
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	103	98	88	75	105	37.0	40.5	2.0
Luxembourg	75	77	75	16	16	26.2	-3.1	-79.2
Malta	18	15	14	14	14	29.9	0.0	-22.2
Montenegro	7	7	7	5	5	8.7	0.0	-26.1
Netherlands	669	661	460	436	436	25.4	0.0	-34.8
North Macedonia	17	18	17	15	15	7.4	0.8	-9.8
Norway	308	265	377	167	143	27.0	-14.7	-53.6
Poland	1,615	1,534	1,429	1,431	1,495	39.4	4.5	-7.4
Portugal	321	302	249	218	236	22.9	8.4	-26.4
Romania	276	344	317	293	339	17.3	15.7	22.6
Serbia	273	283	265	253	261	37.2	3.1	-4.4
Slovakia	207	189	170	166	167	30.7	0.7	-19.2
Slovenia	193	94	114	73	105	50.9	44.8	-45.6
Spain	1,264	1,205	1,061	706	636	13.7	-9.8	-49.7
Sweden	684	413	373	343	194	19.3	-43.4	-71.7
Switzerland	522	599	642	642	663	78.4	3.3	26.9
Turkey	1,469	1,319	1,292	1,224	1,063	13.2	-13.2	-27.7
United Kingdom	3,469	3,331	3,043	2,398	2,017	30.5	-15.9	-41.8
EECCA	1,799	1,913	1,797	1,988	2,005	7.0	0.8	11.4
Armenia	9	11	10	9	10	3.3	13.4	11.0
Azerbaijan	23	29	34	25	25	2.5	0.0	6.9
Belarus	98	110	89	72	72	7.5	0.0	-26.9
Georgia	18	21	16	15	14	3.7	-7.9	-24.0
Kazakhstan	154	135	88	91	90	5.0	-1.1	-41.9
Kyrgyzstan	10	14	15	9	10	1.7	13.2	8.7
Republic of Moldova	14	14	14	12	12	3.4	0.0	-10.5
Russian Federation	1,115	1,197	1,111	1,443	1,443	10.0	0.0	29.5
Tajikistan	5	5	12	11	11	1.3	0.0	121.6
Turkmenistan	...	11	13	13	13	2.3	0.0	...
Ukraine	278	277	264	217	218	5.2	0.5	-21.6
Uzbekistan	66	91	133	72	87	2.7	21.5	31.7
North America	20,137	18,766	16,767	12,345	12,567	34.7	1.8	-37.6
Canada	1,617	1,492	1,299	821	945	25.7	15.0	-41.6
United States	18,520	17,275	15,467	11,524	11,622	35.7	0.9	-37.2

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Sanitary and household papers apparent consumption, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	mt per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	8,193	7,857	7,959	8,391	8,133	12.9	-3.1	-0.7
Albania	8	9	11	14	14	4.8	0.0	81.4
Austria	149	144	150	132	129	14.6	-2.1	-13.3
Belgium	31	41	29	26	26	2.3	-1.1	-17.1
Bosnia and Herzegovina	14	16	17	18	25	6.5	41.5	83.5
Bulgaria	38	37	38	38	41	5.8	9.4	7.5
Croatia	28	30	35	37	31	7.5	-16.1	12.0
Cyprus	9	8	9	10	9	10.7	-4.9	4.9
Czechia	32	29	34	40	40	3.8	0.0	23.5
Denmark	3	3	3	3	3	0.5	0.0	0.8
Estonia	6	1	0	0	0	0.3	-13.7	-93.8
Finland	576	185	171	177	182	33.1	2.8	-68.3
France	868	854	824	843	839	12.5	-0.5	-3.3
Germany	1,468	1,463	1,447	1,523	1,338	16.2	-12.2	-8.9
Greece	160	174	174	204	204	19.0	0.0	27.6
Hungary	81	52	85	76	76	7.8	0.0	-6.1
Iceland	1	1	1	1	0	0.8	-73.3	-73.3
Ireland	11	12	12	18	16	3.4	-6.8	47.3
Israel	91	95	98	98	98	11.2	0.0	7.7
Italy	1,347	1,288	1,316	1,234	1,215	20.1	-1.5	-9.8
Latvia	1	1	2	1	1	0.7	8.3	-7.0
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	2	2	6	5	4	1.3	-25.3	88.7
Luxembourg	0	0	0	0	0	0.3	-50.0	-56.7
Malta	2	2	2	2	2	3.8	0.0	-12.7
Montenegro	1	1	1	1	1	1.0	0.0	-8.4
Netherlands	119	127	127	110	110	6.4	0.0	-7.8
North Macedonia	2	3	4	4	4	2.0	1.7	65.1
Norway	28	27	30	31	28	5.3	-9.4	-2.1
Poland	601	594	588	698	709	18.7	1.6	18.0
Portugal	145	113	142	263	237	23.0	-9.9	63.1
Romania	67	81	96	70	114	5.8	62.5	69.1
Serbia	75	77	69	72	77	11.0	6.9	2.7
Slovakia	150	145	134	137	132	24.3	-4.0	-12.3
Slovenia	51	68	62	55	52	25.2	-5.8	3.0
Spain	696	717	749	760	785	16.8	3.2	12.7
Sweden	273	281	272	282	277	27.6	-1.8	1.8
Switzerland	50	45	57	57	60	7.1	6.3	19.4
Turkey	-83	58	125	154	112	1.4	-27.4	...
United Kingdom	1,092	1,071	1,042	1,198	1,142	17.3	-4.7	4.6
EECCA	658	803	832	873	878	3.1	0.6	33.5
Armenia	4	6	7	6	7	2.3	18.9	51.3
Azerbaijan	7	10	11	14	14	1.4	0.0	93.2
Belarus	21	25	31	31	31	3.3	0.0	47.6
Georgia	16	15	20	21	21	5.6	1.0	28.3
Kazakhstan	7	51	61	60	63	3.5	5.1	764.0
Kyrgyzstan	1	1	1	1	1	0.2	9.1	-6.3
Republic of Moldova	4	4	5	5	5	1.5	0.0	19.5
Russian Federation	455	549	547	571	571	4.0	0.0	25.3
Tajikistan	0	0	0	0	0	0.0	0.0	-94.7
Turkmenistan	...	0	1	1	1	0.1	0.0	...
Ukraine	137	140	146	161	160	3.8	-1.0	16.5
Uzbekistan	2	0	2	3	6	0.2	73.7	170.8
North America	7,831	7,863	7,936	8,676	8,531	23.5	-1.7	8.9
Canada	712	711	752	1,163	1,501	40.9	29.1	110.8
United States	7,119	7,152	7,184	7,513	7,031	21.6	-6.4	-1.2

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Packaging materials apparent consumption, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	mt per 1000 inhabitants	% change 2020 to 2021	% change 2017 to 2021
Europe	48,077	49,582	48,991	48,723	51,887	82.9	6.5	7.9
Albania	9	23	24	23	23	8.1	0.0	173.0
Austria	1,316	1,271	1,260	1,196	1,244	141.4	4.0	-5.5
Belgium	1,035	893	1,240	1,208	1,578	138.7	30.6	52.5
Bosnia and Herzegovina	72	77	62	54	48	12.4	-11.5	-34.0
Bulgaria	403	427	416	419	457	64.6	9.0	13.5
Croatia	350	356	370	363	396	95.8	9.0	13.0
Cyprus	21	20	21	22	23	26.2	2.2	8.8
Czechia	950	1,011	985	874	874	82.5	0.0	-8.0
Denmark	493	496	437	437	437	75.9	0.0	-11.3
Estonia	51	50	68	59	56	42.4	-4.5	9.3
Finland	-180	654	618	-104	-100	-18.2	...	...
France	4,304	4,344	4,279	4,194	4,652	69.6	10.9	8.1
Germany	9,790	9,780	9,383	9,593	10,313	124.8	7.5	5.3
Greece	478	505	532	526	526	48.9	0.0	9.9
Hungary	546	579	563	576	576	58.9	0.0	5.7
Iceland	8	25	25	25	7	19.2	-73.3	-14.4
Ireland	238	236	236	264	279	58.0	5.7	16.9
Israel	424	450	437	437	437	50.1	0.0	3.1
Italy	6,086	6,413	6,411	6,363	7,280	120.3	14.4	19.6
Latvia	80	80	80	84	91	46.9	9.1	14.4
Liechtenstein	0	0	0	0	0	0.0	...	...
Lithuania	197	237	258	241	294	103.8	21.7	48.6
Luxembourg	87	97	107	8	15	24.3	72.5	-83.3
Malta	5	9	10	10	10	20.8	0.0	95.4
Montenegro	2	2	2	2	2	2.6	0.0	-4.8
Netherlands	2,106	2,204	2,073	2,042	2,042	119.2	0.0	-3.1
North Macedonia	70	56	60	60	68	32.9	14.7	-3.0
Norway	127	169	169	188	214	40.6	14.3	68.3
Poland	4,209	4,308	4,570	5,001	5,513	145.2	10.2	31.0
Portugal	613	640	622	704	778	75.6	10.5	26.9
Romania	551	514	495	496	604	30.8	21.7	9.7
Serbia	359	382	360	375	399	56.8	6.4	11.2
Slovakia	268	297	286	414	288	53.0	-30.4	7.6
Slovenia	484	601	610	702	654	316.3	-6.9	35.2
Spain	4,178	4,417	4,396	4,522	4,744	101.8	4.9	13.6
Sweden	830	671	553	320	175	17.4	-45.4	-78.9
Switzerland	380	326	314	314	284	33.6	-9.7	-25.3
Turkey	3,332	3,090	2,877	3,066	3,237	40.3	5.6	-2.8
United Kingdom	3,807	3,876	3,782	3,644	3,371	51.0	-7.5	-11.5
EECCA	6,761	7,055	7,241	6,910	6,786	23.6	-1.8	0.4
Armenia	27	36	32	32	29	9.7	-10.7	4.9
Azerbaijan	34	39	49	61	61	6.1	0.0	77.9
Belarus	274	280	271	265	265	27.9	0.0	-3.3
Georgia	30	35	44	47	59	15.8	25.1	98.5
Kazakhstan	174	195	225	331	261	14.5	-21.2	50.0
Kyrgyzstan	9	8	10	4	8	1.3	91.9	-6.7
Republic of Moldova	22	23	23	26	26	7.4	0.0	21.0
Russian Federation	5,212	5,277	5,448	4,993	4,993	34.7	0.0	-4.2
Tajikistan	3	3	3	3	3	0.3	0.0	-21.0
Turkmenistan	...	5	3	3	3	0.5	0.0	...
Ukraine	861	1,026	990	1,000	942	22.3	-5.8	9.4
Uzbekistan	100	126	142	144	136	4.2	-5.7	36.2
North America	45,609	46,439	45,672	45,502	48,780	134.6	7.2	7.0
Canada	3,037	3,013	3,143	3,008	2,863	78.0	-4.8	-5.7
United States	42,572	43,426	42,529	42,494	45,917	141.0	8.1	7.9

Source: UNECE/FAO TIMBER database, 2022.

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.

Wood pellets apparent consumption, 2017 - 2021 (1,000 m.t.)

	2017	2018	2019	2020	2021	mt per 1000 inhabitants	% change 2020 to 2021
Europe	24,114	26,741	29,745	29,336	29,621	54.6	1.0
Albania	13	9	20	22	22	7.6	0.0
Austria	957	901	960	1,075	1,147	130.4	6.7
Belgium	1,370	1,499	1,391	1,537	1,123	98.7	-26.9
Bosnia and Herzegovina	170	148	88	62	62	16.2	0.9
Bulgaria	105	157	149	142	202	28.6	42.4
Croatia	51	67	49	20	0	0.1	-98.7
Cyprus	3	2	3	4	4	4.7	-6.0
Czechia	99	79	195	141	141	13.3	0.0
Denmark	2,671	2,811	2,240	1,300	1,300	225.5	0.0
Estonia	194	243	483	542	67	51.0	-87.6
Finland	373	436	413	413	525	95.2	27.0
France	1,431	1,530	1,884	2,015	2,389	35.7	18.6
Germany	2,192	2,149	2,366	2,591	2,921	35.3	12.8
Greece	82	97	96	100	100	9.3	0.0
Hungary	29	18	17	14	14	1.4	0.0
Iceland	0	1	1	1	1	2.9	0.0
Ireland	39	45	45	86	60	12.4	-30.8
Israel	...	...	...	...	...	...	...
Italy	2,171	2,624	2,904	2,194	2,301	38.0	4.9
Latvia	92	148	282	326	222	114.1	-32.0
Liechtenstein	0	0	0	0	0	0.0	...
Lithuania	32	162	249	176	110	38.9	-37.4
Luxembourg	25	25	40	46	49	81.3	4.5
Malta	0	0	1	1	1	1.4	0.0
Montenegro	49	38	11	13	13	20.3	0.0
Netherlands	329	442	1,154	2,448	2,448	142.9	0.0
North Macedonia	66	66	74	63	66	31.6	3.3
Norway	69	109	141	60	201	38.0	236.1
Poland	735	894	1,103	672	801	21.1	19.2
Portugal	243	208	311	278	224	21.7	-19.5
Romania	449	496	397	204	186	9.5	-8.4
Serbia	330	257	331	406	497	70.8	22.4
Slovakia	14	16	19	20	19	3.4	-6.1
Slovenia	113	157	155	207	118	57.1	-43.1
Spain	454	506	661	548	741	15.9	35.2
Sweden	1,814	1,868	2,023	1,882	1,771	176.1	-5.9
Switzerland	301	315	332	345	347	41.1	0.6
Turkey	2	6	6	6	-8	-0.1	...
United Kingdom	7,045	8,209	9,144	9,371	9,432	142.8	0.6
EECCA	488	510	710	585	572	2.1	-2.1
Armenia	0	0	0	0	0	0.0	233.3
Azerbaijan	0	0	0	0	0	0.0	0.0
Belarus	18	23	46	29	29	3.0	0.0
Georgia	...	...	...	...	...	...	...
Kazakhstan	1	2	1	1	1	0.1	13.3
Kyrgyzstan	0	0	0	0	0	0.0	300.0
Republic of Moldova	20	28	26	32	32	9.1	0.0
Russian Federation	216	301	569	509	509	3.5	0.0
Tajikistan	...	...	...	...	...	...	...
Turkmenistan	0	0	0	0	0	0.0	0.0
Ukraine	233	156	68	13	1	0.0	-96.2
Uzbekistan	0	0	0	0	0	0.0	3260.0
North America	2,661	2,089	2,539	2,318	1,840	5.1	-20.6
Canada	754	417	593	958	718	19.6	-25.0
United States	1,908	1,672	1,946	1,360	1,122	3.4	-17.5

Note: Consumption figures for the subregional totals are calculated by adding subregional imports to production and subtracting exports. They may thus not coincide with the sum of the listed countries as some of these may not have consumption figures if one of the flows is missing.