



Wood Resource Balances of European Union

Year 2009-2017

Release 2021

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EU27_2020

Wood Resource Balance 2009

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	234,306	144,490	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	63,208	16,388	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	30,681	3,152	Veneer sheets industry	
	Fuel wood removals (non-conifer)	69,930	7,386	Plywood industry	
	Net-import industrial roundwood (conifer)	4,420	50,273	Particle board industry	
	Net-import industrial roundwood (non-conifer)	4,623	23,000	Fiberboard industry	
	Net-import fuel wood	569	23,168	Mechanical pulp industry	
	Bark	56,514	104,139	Chemical pulp industry	
SECONDARY	Sawmill residues	72,016	3,065	Semi-chemical pulp industry	
	Other industrial residues	9,556	3,446	Dissolving pulp industry	
	Wood pellets	18,757	18,757	Wood pellets industry	
	Black liquor	57,441	135,803	Direct wood	
	Net-import wood chips and particles	3,981	146,700	Indirect wood	
	Net-import other wood residues	4,693	41,245	Unknown wood	
	Net-import wood pellets	260			
	Post-consumer wood	28,779			
Total sources		659,733	721,010	Total uses	

61,277
Unreported sources

Summary wood supply and use 2009

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	464,250	70.4%	Sawmill industry	160,878	42.5%
Secondary woody biomass	166,703	25.3%	Panel industry	83,811	22.1%
Post-consumer wood	28,779	4.4%	Wood pulp industry	133,817	35.4%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	135,803	41.9%	Energy transformation	NA	-
Indirect wood	146,700	45.3%	Industrial internal consumption	NA	-
Unknown wood	41,245	12.7%	Residential sector	NA	-
			Other	NA	-

EU27_2020

Wood Resource Balance 2010

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	260,519	159,002	Sawmill industry (conifer)	MATERIALS
	Industrial roundwood removals (non-conifer)	70,502	18,018	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	34,075	3,445	Veneer sheets industry	
	Fuel wood removals (non-conifer)	81,373	8,796	Plywood industry	
	Net-import industrial roundwood (conifer)	7,852	52,003	Particle board industry	
	Net-import industrial roundwood (non-conifer)	5,952	24,158	Fiberboard industry	
	Net-import fuel wood	-387	24,724	Mechanical pulp industry	
	Bark	63,775	111,439	Chemical pulp industry	
SECONDARY	Sawmill residues	79,273	2,947	Semi-chemical pulp industry	
	Other industrial residues	10,659	3,263	Dissolving pulp industry	
	Wood pellets	21,920	21,920	Wood pellets industry	
	Black liquor	61,235	144,038	Direct wood	H&P
	Net-import wood chips and particles	6,216	164,612	Indirect wood	
	Net-import other wood residues	6,343	48,250	Unknown wood	
	Net-import wood pellets	1,787			
Post-consumer wood	30,802				
Total sources		741,894	786,616	Total uses	

44,722
Unreported sources

Summary wood supply and use 2010

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	523,660	70.6%	Sawmill industry	177,020	43.4%
Secondary woody biomass	187,433	25.3%	Panel industry	88,403	21.7%
Post-consumer wood	30,802	4.2%	Wood pulp industry	142,373	34.9%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	144,038	40.4%	Energy transformation	NA	-
Indirect wood	164,612	46.1%	Industrial internal consumption	NA	-
Unknown wood	48,250	13.5%	Residential sector	NA	-
			Other	NA	-

Wood Resource Balance 2011

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	261,494	161,018	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	74,968	17,657	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	33,135	3,374	Veneer sheets industry	
	Fuel wood removals (non-conifer)	77,019	9,222	Plywood industry	
	Net-import industrial roundwood (conifer)	5,600	50,979	Particle board industry	
	Net-import industrial roundwood (non-conifer)	5,909	24,958	Fiberboard industry	
	Net-import fuel wood	64	23,972	Mechanical pulp industry	
	Bark	63,486	114,298	Chemical pulp industry	
SECONDARY	Sawmill residues	79,964	3,040	Semi-chemical pulp industry	
	Other industrial residues	10,846	3,898	Dissolving pulp industry	
	Wood pellets	25,931	25,931	Wood pellets industry	
	Black liquor	63,178	148,505	Direct wood	
	Net-import wood chips and particles	6,462	155,150	Indirect wood	
	Net-import other wood residues	2,613	45,010	Unknown wood	
	Net-import wood pellets	-540			
	Post-consumer wood	31,986			
Total sources		742,114	787,012	Total uses	

44,898 Unreported sources

Summary wood supply and use 2011

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	521,675	70.3%	Sawmill industry	178,675	43.3%
Secondary woody biomass	188,453	25.4%	Panel industry	88,534	21.5%
Post-consumer wood	31,986	4.3%	Wood pulp industry	145,207	35.2%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	148,505	42.6%	Energy transformation	NA	-
Indirect wood	155,150	44.5%	Industrial internal consumption	NA	-
Unknown wood	45,010	12.9%	Residential sector	NA	-
			Other	NA	-

Wood Resource Balance 2012

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	247,738	154,321	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	77,499	18,273	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	35,162	2,853	Veneer sheets industry	
	Fuel wood removals (non-conifer)	83,032	9,254	Plywood industry	
	Net-import industrial roundwood (conifer)	6,418	49,429	Particle board industry	
	Net-import industrial roundwood (non-conifer)	6,203	25,836	Fiberboard industry	
	Net-import fuel wood	501	22,523	Mechanical pulp industry	
	Bark	63,342	115,347	Chemical pulp industry	
SECONDARY	Sawmill residues	77,513	3,171	Semi-chemical pulp industry	
	Other industrial residues	10,550	6,143	Dissolving pulp industry	
	Wood pellets	29,754	29,754	Wood pellets industry	
	Black liquor	65,140	154,594	Direct wood	
	Net-import wood chips and particles	4,384	170,678	Indirect wood	
	Net-import other wood residues	7,524	47,582	Unknown wood	
	Net-import wood pellets	4,888			
	Post-consumer wood	33,855			
Total sources		753,503	809,757	Total uses	
		56,254	Unreported sources		

Summary wood supply and use 2012

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	519,894	69.0%	Sawmill industry	172,593	42.4%
Secondary woody biomass	199,754	26.5%	Panel industry	87,371	21.5%
Post-consumer wood	33,855	4.5%	Wood pulp industry	147,184	36.2%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	154,594	41.5%	Energy transformation	NA	-
Indirect wood	170,678	45.8%	Industrial internal consumption	NA	-
Unknown wood	47,582	12.8%	Residential sector	NA	-
			Other	NA	-

Wood Resource Balance 2013

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	252,296	156,644	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	75,663	18,500	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	36,135	2,750	Veneer sheets industry	
	Fuel wood removals (non-conifer)	86,512	9,728	Plywood industry	
	Net-import industrial roundwood (conifer)	7,776	49,780	Particle board industry	
	Net-import industrial roundwood (non-conifer)	6,870	26,657	Fiberboard industry	
	Net-import fuel wood	407	21,177	Mechanical pulp industry	
	Bark	64,629	114,675	Chemical pulp industry	
SECONDARY	Sawmill residues	78,820	3,037	Semi-chemical pulp industry	
	Other industrial residues	10,821	9,117	Dissolving pulp industry	
	Wood pellets	33,084	33,084	Wood pellets industry	
	Black liquor	66,622	159,366	Direct wood	
	Net-import wood chips and particles	4,657	193,243	Indirect wood	
	Net-import other wood residues	4,454	46,196	Unknown wood	
	Net-import wood pellets	3,564			
	Post-consumer wood	36,096			
Total sources		768,407	843,953	Total uses	
		75,547	Unreported sources		

Summary wood supply and use 2013

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	530,289	69.0%	Sawmill industry	175,144	42.5%
Secondary woody biomass	202,022	26.3%	Panel industry	88,915	21.6%
Post-consumer wood	36,096	4.7%	Wood pulp industry	148,006	35.9%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	159,366	40.0%	Energy transformation	NA	-
Indirect wood	193,243	48.5%	Industrial internal consumption	NA	-
Unknown wood	46,196	11.6%	Residential sector	NA	-
			Other	NA	-

Wood Resource Balance 2014

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	263,379	162,752	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	76,637	18,379	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	33,468	2,857	Veneer sheets industry	
	Fuel wood removals (non-conifer)	79,730	9,952	Plywood industry	
	Net-import industrial roundwood (conifer)	7,087	50,758	Particle board industry	
	Net-import industrial roundwood (non-conifer)	7,384	27,291	Fiberboard industry	
	Net-import fuel wood	409	20,495	Mechanical pulp industry	
	Bark	64,873	114,519	Chemical pulp industry	
SECONDARY	Sawmill residues	81,761	2,954	Semi-chemical pulp industry	
	Other industrial residues	11,094	9,842	Dissolving pulp industry	
	Wood pellets	35,660	35,660	Wood pellets industry	
	Black liquor	66,966	156,205	Direct wood	
	Net-import wood chips and particles	4,930	194,643	Indirect wood	
	Net-import other wood residues	3,984	46,088	Unknown wood	
	Net-import wood pellets	2,519			
	Post-consumer wood	35,333			
Total sources		775,214	852,394	Total uses	
		77,180	Unreported sources		

Summary wood supply and use 2014

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	532,967	68.8%	Sawmill industry	181,131	43.1%
Secondary woody biomass	206,914	26.7%	Panel industry	90,858	21.6%
Post-consumer wood	35,333	4.6%	Wood pulp industry	147,809	35.2%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	156,205	39.4%	Energy transformation	NA	-
Indirect wood	194,643	49.0%	Industrial internal consumption	NA	-
Unknown wood	46,088	11.6%	Residential sector	NA	-
			Other	NA	-

Wood Resource Balance 2015

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	266,015	166,306	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	76,702	18,544	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	36,890	2,873	Veneer sheets industry	
	Fuel wood removals (non-conifer)	82,088	10,001	Plywood industry	
	Net-import industrial roundwood (conifer)	9,267	52,143	Particle board industry	
	Net-import industrial roundwood (non-conifer)	6,757	27,916	Fiberboard industry	
	Net-import fuel wood	-18	19,774	Mechanical pulp industry	
	Bark	66,213	114,861	Chemical pulp industry	
SECONDARY	Sawmill residues	83,528	2,880	Semi-chemical pulp industry	
	Other industrial residues	11,230	9,848	Dissolving pulp industry	
	Wood pellets	36,884	36,884	Wood pellets industry	
	Black liquor	67,153	179,128	Direct wood	
	Net-import wood chips and particles	4,212	196,922	Indirect wood	
	Net-import other wood residues	3,218	32,681	Unknown wood	
	Net-import wood pellets	517			
	Post-consumer wood	34,705			
Total sources		785,362	870,760	Total uses	
		85,398	Unreported sources		

Summary wood supply and use 2015

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	543,915	69.3%	Sawmill industry	184,850	43.5%
Secondary woody biomass	206,742	26.3%	Panel industry	92,932	21.9%
Post-consumer wood	34,705	4.4%	Wood pulp industry	147,363	34.7%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	179,128	43.8%	Energy transformation	NA	-
Indirect wood	196,922	48.2%	Industrial internal consumption	NA	-
Unknown wood	32,681	8.0%	Residential sector	NA	-
			Other	NA	-

Wood Resource Balance 2016

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	271,689	171,559	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	78,047	19,232	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	34,261	2,981	Veneer sheets industry	
	Fuel wood removals (non-conifer)	84,065	10,564	Plywood industry	
	Net-import industrial roundwood (conifer)	9,018	54,131	Particle board industry	
	Net-import industrial roundwood (non-conifer)	6,906	29,066	Fiberboard industry	
	Net-import fuel wood	138	20,526	Mechanical pulp industry	
	Bark	67,115	116,865	Chemical pulp industry	
SECONDARY	Sawmill residues	86,201	2,974	Semi-chemical pulp industry	
	Other industrial residues	11,751	11,381	Dissolving pulp industry	
	Wood pellets	37,356	37,356	Wood pellets industry	
	Black liquor	69,134	183,092	Direct wood	
	Net-import wood chips and particles	5,671	204,541	Indirect wood	
	Net-import other wood residues	1,797	33,734	Unknown wood	
	Net-import wood pellets	911			
	Post-consumer wood	36,742			
Total sources		800,803	898,002	Total uses	
		97,199	Unreported sources		

Summary wood supply and use 2016

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	551,239	68.8%	Sawmill industry	190,792	43.4%
Secondary woody biomass	212,821	26.6%	Panel industry	96,742	22.0%
Post-consumer wood	36,742	4.6%	Wood pulp industry	151,746	34.5%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	183,092	43.5%	Energy transformation	NA	-
Indirect wood	204,541	48.5%	Industrial internal consumption	NA	-
Unknown wood	33,734	8.0%	Residential sector	NA	-
			Other	NA	-

Wood Resource Balance 2017

(all units in SWE)

SOURCES		1000m ³	1000m ³	USES	
PRIMARY	Industrial roundwood removals (conifer)	276,180	175,977	Sawmill industry (conifer)	
	Industrial roundwood removals (non-conifer)	79,354	19,376	Sawmill industry (non-conifer)	
	Fuel wood removals (conifer)	34,350	3,725	Veneer sheets industry	
	Fuel wood removals (non-conifer)	83,706	11,490	Plywood industry	
	Net-import industrial roundwood (conifer)	6,280	54,788	Particle board industry	
	Net-import industrial roundwood (non-conifer)	4,853	30,552	Fiberboard industry	
	Net-import fuel wood	-471	19,939	Mechanical pulp industry	
	Bark	67,128	120,691	Chemical pulp industry	
SECONDARY	Sawmill residues	88,060	3,095	Semi-chemical pulp industry	
	Other industrial residues	12,786	11,576	Dissolving pulp industry	
	Wood pellets	39,589	39,589	Wood pellets industry	
	Black liquor	71,305	187,781	Direct wood	
	Net-import wood chips and particles	5,873	201,275	Indirect wood	
	Net-import other wood residues	1,561	34,533	Unknown wood	
	Net-import wood pellets	2,024			
	Post-consumer wood	38,110			
Total sources		810,688	914,387	Total uses	
		103,699	Unreported sources		

Summary wood supply and use 2017

Material

Material sources	1000m ³	%	Material uses	1000m ³	%
Primary wood	551,379	68.0%	Sawmill industry	195,353	43.3%
Secondary woody biomass	221,198	27.3%	Panel industry	100,554	22.3%
Post-consumer wood	38,110	4.7%	Wood pulp industry	155,301	34.4%

Heat and power (H&P)

Energy sources	1000m ³	%	Energy uses	1000m ³	%
Direct wood	187,781	44.3%	Energy transformation	NA	-
Indirect wood	201,275	47.5%	Industrial internal consumption	NA	-
Unknown wood	34,533	8.2%	Residential sector	NA	-
			Other	NA	-