

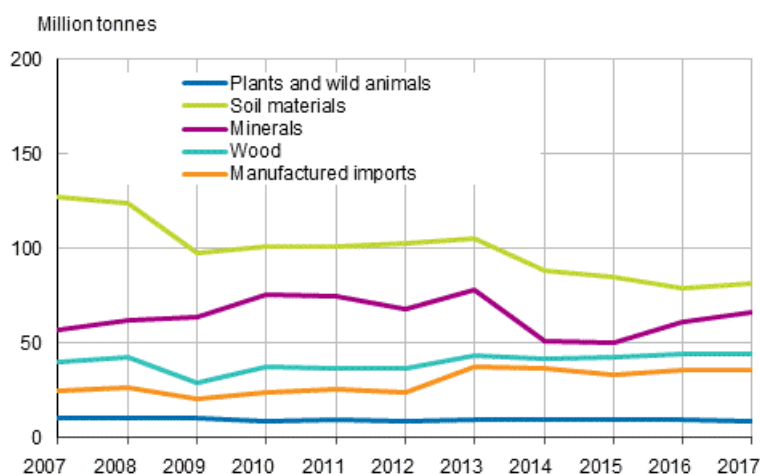
Economy-wide material flow accounts 2017

Use of domestic natural resources increased by 5 per cent in 2017

In 2017, Finland used 237 million tonnes of direct inputs, which was around 3.5 per cent more than in 2016. Direct inputs include both imported products as well as materials extracted from the soil and vegetation of Finland. The use of domestic direct inputs increased by five per cent, and amounted to 180 million tonnes. The growth was primarily caused by increased mineral excavation and use of soil materials.

Around one-fourth, or 57 million tonnes, of the use of direct inputs consisted of imported products. The use of domestic direct inputs increased by five per cent, and amounted to 180 million tonnes. In 2016, altogether 172 million tonnes of domestic natural resources were used. Of all direct inputs used in 2017, around one-third, or 81 million tonnes, were soil materials. Sixty-six million tonnes of minerals and 44 million tonnes of wood were used.

Use of direct inputs by material group 2007 to 2017, million tonnes



In 2017, the domestic material consumption (DMC) was 191 million tonnes, which was around five million tonnes more than in 2016. The growth was the result of increased use of domestic natural resources. Both the tonnage of exports and that of imports remained quite the same compared to the previous year.

Domestic material consumption 2007 to 2017, million tonnes

million tonnes	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Domestic direct inputs	195	196	169	187	186	185	215	170	167	172	180
Foreign direct inputs	64	69	53	60	62	56	58	57	53	57	56
Exports	44	42	35	42	44	44	45	45	42	44	45
Domestic material consumption	214	222	186	204	203	197	229	183	179	185	191

In 2017, altogether 612 million tonnes of natural resources were used, which was three per cent more than in 2016. Total usage of natural resources includes unused extractions in forestry and mining and quarrying as well as hidden flows of imports. Unused extractions amounted to 145 million tonnes and hidden flows from imported products to 230 million tonnes in total.

Contents

Tables

Appendix tables

Appendix table 1. Total material requirement by material groups 2007 - 2017.....	4
Appendix table 2. Direct input requirement by material groups 2007 - 2017.....	4
Appendix table 3. Hidden flow requirement by material groups 2007 - 2017.....	4

Appendix tables

Appendix table 1. Total material requirement by material groups 2007 - 2017

Millions tons	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Materials total	548	578	483	560	563	544	584	538	547	593	612
Plants and wild animals	11	11	11	9	10	9	10	10	9	9	9
Wood	51	56	37	47	46	46	54	53	54	56	56
Minerals	141	166	159	204	203	187	215	189	203	245	256
Soil materials	160	161	134	138	134	137	141	121	121	116	117
Manufactured imports	185	184	143	161	170	164	161	164	157	165	171

Appendix table 2. Direct input requirement by material groups 2007 - 2017

Millions tons	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Materials total	258	265	221	247	247	240	274	228	221	229	237
Plants and wild animals	10	10	10	8	9	8	9	10	9	9	9
Wood	39	42	29	37	36	36	43	42	43	44	44
Minerals	56	61	63	75	75	68	78	51	50	60	66
Soil materials	127	123	97	101	100	103	105	87	84	78	81
Manufactured imports	24	26	20	24	25	24	37	37	33	36	35

Appendix table 3. Hidden flow requirement by material groups 2007 - 2017

Millions tons	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Materials total	288	313	261	313	315	302	309	309	325	363	375
Plants and wild animals	0	0	0	0	0	0	0	0	0	0	0
Wood	11	13	7	9	9	9	11	11	11	12	12
Minerals	84	104	94	128	127	119	137	137	153	184	190
Soil materials	32	37	37	37	33	34	36	33	36	37	35
Manufactured imports	160	157	121	137	144	139	124	127	123	128	136

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