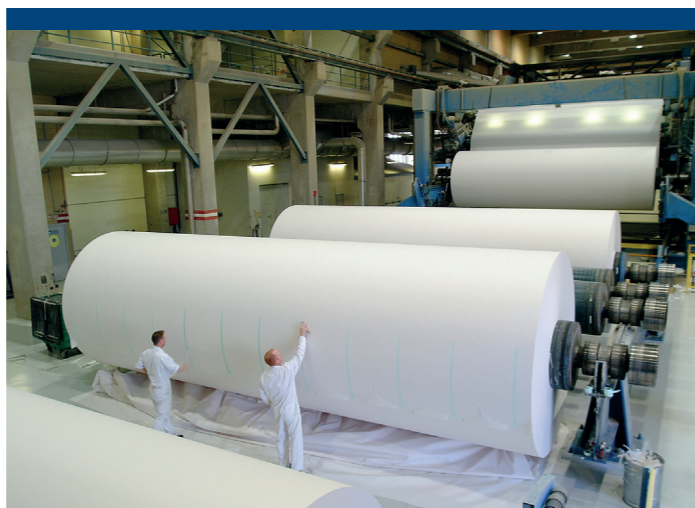


Germany - General Economic Data

	2017	2018	18:17
Population (in million)	82.8	83.0	0.2
Gross Domestic Product (€ bn)			
nominal	3,277.3	3,386.0	3.3
Foreign Trade (MM €)			
Total Exports	1,541,898	1,590,160	3.1
Total Imports	1,294,106	1,360,945	5.2
Total Export surplus (+) or deficit (-)	+247,792	+229,215	-7.5
Turnover (MM €)			
Total manufacturing industry	1,893,382	1,938,255	2.4
Pulp and Paper Industry	14,717	15,507	5.4
Employment ('000)			
Total manufacturing industry	6,227	6,383	2.5
Pulp and Paper Industry	40.1	40.6	1.1
Producer price index (2015 = 100)			
Total Manufactured Products	101.1	103.7	
Pulp and Paper Industry	102.2	109.7	
Converted Paper and Board Products	101.1	104.5	
Printing Services	99.2	99.9	
Packaging Material made of Paper, Carton and Cardboard	101.0	105.5	
Writing Materials and Stationary made of Paper, Carton and Cardboard	102.1	106.3	
Paper and Board	102.6	109.8	
Newsprint	101.1	108.2	
Other Graphic Paper and Board	101.5	108.2	
Testliner, uncoated	106.8	117.9	
Industrial Production index (2015 = 100)			
Total Manufacturing Industry	104.7	105.7	
Pulp and Paper Industry	99.1	97.1	

Facts about Paper



2019

Verband Deutscher Papierfabriken e.V.

Germany - Pulp and Paper Industry

in 1,000 tonnes	2017	2018	18:17
Production			
Pulp (air dry 90 : 100)	2,431	2,398	-1.4
Total Paper and Board	22,925	22,664	-1.1
Graphic Paper	8,166	7,743	-5.2
Paper and Board for Packaging	11,828	12,021	1.6
Sanitary & Household (Parent Reels)	1,513	1,506	-0.5
Other Paper and Board	1,418	1,393	-1.8
Exports			
Pulp (air dry 90 : 100)	641	563	-12.2
Paper for Recycling	2,927	2,778	-5.1
Paper and Board	13,682	13,797	0.8
Export share of Production (%)	59.7	60.9	2.0
Imports			
Pulp (air dry 90 : 100)	3,595	3,423	-4.8
Paper for Recycling	4,827	4,908	1.7
Paper and Board	11,371	11,166	-1.8
Import share of Consumption (%)	55.2	55.7	1.0
Consumption			
Pulp (air dry 90 : 100)	5,552	5,411	-2.5
Paper for Recycling	17,137	17,200	0.4
Mineral Fibers and Additives	3,818	3,775	-1.1
Paper and Board	20,614	20,033	-2.8
Paper for Recycling Utilisation Rate¹⁾			
	75	76	
Paper for Recycling Collection Rate²⁾			
	74	75	

¹⁾ Paper for Recycling Utilisation in % of Paper and Board Production

²⁾ Paper for Recycling Collection in % of Paper and Board Consumption

Germany - Pulp and Paper Industry

Production Paper and Board by Grade in 1,000 tonnes	2017	2018	18:17 in %
Graphic Papers	8,166	7,743	-5.2
Mechanical Papers	5,249	5,089	-3.0
Newsprint Standard	1,433	1,210	-15.6
LWC Papers	1,459	1,417	-2.8
Other Magazine- and Catalogue Papers (SC, HWC, ...) and other Mechanical Papers (coated/uncoated)	2,097	2,204	5.1
Recycling Papers	260	257	-1.0
Woodfree Papers	2,917	2,654	-9.0
Coated Woodfree Papers	1,257	1,043	-17.1
Uncoated Woodfree Papers	1,660	1,612	-2.9
Paper and Board for Packaging	11,828	12,021	1.6
Case Materials	8,651	8,879	2.6
Carton Board	2,520	2,485	-1.4
Millboard	50	50	0.4
Wrappings	607	607	-0.1
Sanitary and Household	1,513	1,506	-0.5
Other Paper and Board	1,418	1,393	-1.8
Wall Paper Base	173	164	-5.3
Base Paper for e.g. Photography or Decor films	548	538	-1.9
Others	697	691	-0.8
Total Paper and Board	22,925	22,664	-1.1

Paper for Recycling Utilisation Rate ¹⁾	2010	2015	2016	2017	2018
Graphic Paper	47	52	53	52	51
Paper and Board for Packaging	101	100	100	99	100
Sanitary & Household	53	48	46	45	50
Other Paper and Board	42	43	43	44	45
Total Paper and Board	70	74	74	75	76
Recycling Rate ²⁾	77	75	74	74	75

¹⁾ Utilisation Rate: percentage of Paper for Recycling Utilisation compared to the total Paper and Board Production

²⁾ Recycling Rate: percentage of apparent Collection of Paper for Recycling compared to the total Paper and Board Consumption

International Paper Industry			
Paper and Board Production			
(in 1.000 tonnes)	2016	2017	17:16
EU 28	90,935	92,375	1.6
Finland	10,145	10,277	1.3
France	7,984	8,021	0.5
Germany	22,632	22,925	1.3
Italy	9,001	9,132	1.5
Sweden	10,102	10,261	1.6
United Kingdom	3,676	3,855	4.9
Others EU	27,395	27,904	1.9
Brazil	10,451	10,591	1.3
Canada	10,051	10,026	-0.2
China	113,431	115,766	2.1
India	11,257	11,233	-0.2
Indonesia	10,932	11,860	8.5
Japan	26,276	26,516	0.9
South Korea	11,652	11,598	-0.5
USA	72,120	72,279	0.2
Other countries	55,741	57,443	3.1
World	412,846	419,687	1.7

Paper and Board Production by Main Grades 2017			
(in 1,000 tonnes)	Graphic Paper	Packaging Paper and Board	Other Paper and Board
EU 28	32,146	48,239	11,990
Finland	5,422	4,407	448
France	2,223	4,514	1,284
Germany	8,166	11,822	2,937
Italy	2,586	4,496	2,050
Sweden	3,588	6,239	434
United Kingdom	918	1,937	1,000
Others EU	9,243	14,824	3,837
Brazil	2,590	6,577	1,424
Canada	6,032	3,239	755
China	27,796	72,077	15,893
India	5,034	5,910	289
Indonesia	5,239	5,529	1,092
Japan	11,022	12,175	3,319
South Korea	3,858	6,838	902
USA	14,069	47,880	10,330
Other countries	11,892	37,318	8,233
World	119,678	245,782	54,227

International Paper Industry				
Production and Consumption of Pulp				
	Production		Consumption	
(in 1,000 tonnes/90:100)	2016	2017	2016	2017
EU 28	36,295	36,770	41,253	41,203
Finland	10,900	10,771	7,973	7,738
France	1,722	1,714	3,105	3,146
Germany	2,485	2,432	6,028	6,039
Italy	592	597	3,714	3,682
Portugal	2,594	2,626	1,501	1,532
Sweden	11,139	11,733	8,582	8,913
Others EU	6,863	6,897	10,350	10,153
Brazil	18,836	19,592	6,328	6,274
Canada	16,580	16,380	7,317	7,217
China	16,274	16,912	35,038	37,950
India	3,557	3,557	4,470	4,535
Indonesia	7,005	8,105	4,326	4,895
Japan	8,830	8,739	9,927	9,812
Russia	8,205	8,647	6,108	6,612
USA	47,805	47,923	47,119	47,044
Other countries	17,677	17,784	18,435	18,446
World	181,064	184,409	180,321	183,988

Production of Pulp by Continent								
	(in 1,000 tonnes)	Europe	North America	Latin America	Asia	Australia / Oceania	Africa	World
Mechanical Pulp	2016	11,174	9,707	922	5,307	1,061	130	28,301
	2017	11,103	9,259	936	5,393	1,064	130	27,885
	17:16	-0.6	-4.6	1.5	1.6	0.3	0.0	-1.5
Semi-chemical Pulp	2016	1,440	3,017	158	88	118	197	5,018
	2017	1,523	2,985	157	189	124	194	5,172
	17:16	5.8	-1.1	-0.6	114.8	5.1	-1.5	3.1
Chemical Pulp	2016	32,733	51,661	26,323	25,296	1,644	938	138,595
	2017	33,628	52,059	27,164	26,640	1,655	936	142,082
	17:16	2.7	0.8	3.2	5.3	0.7	-0.2	2.5
Other Pulp	2016	333		495	8,127		195	9,150
	2017	366		489	8,261		154	9,270
	17:16	9.9		-1.2	1.6		-21.0	1.3
Total Pulp	2016	45,680	64,385	27,898	38,818	2,823	1,460	181,064
	2017	46,620	64,303	28,746	40,483	2,843	1,414	184,409
	17:16	2.1	-0.1	3.0	4.3	0.7	-3.2	1.8

International Paper Industry				
External Trade Paper and Board				
	Import		Export	
(in 1,000 tonnes)	2016	2017	2016	2017
EU 28	52,274	52,742	61,206	62,587
Finland	370	348	9,397	9,523
France	5,078	5,106	4,276	4,260
Germany	11,334	11,371	13,386	13,682
Italy	5,159	5,271	3,979	4,088
Sweden	783	788	9,142	9,484
United Kingdom	5,880	5,601	949	960
Others EU	23,670	24,257	20,077	20,590
Brazil	637	705	1,670	1,650
Canada	3,098	3,190	7,589	7,652
China	3,079	4,770	7,618	7,261
India	2,904	3,274	600	767
Indonesia	743	730	3,940	4,596
Japan	1,743	1,727	1,578	1,828
South Korea	1,348	1,356	3,145	2,981
USA	9,694	9,686	10,991	11,577
Other countries	40,018	41,167	13,974	14,843
World	115,538	119,347	112,311	115,742

Apparent Consumption of Paper and Board			
	Consumption		17:16
(in 1,000 tonnes)	2016	2017	in %
EU 28	82,003	82,530	0.6
Finland	1,118	1,102	-1.4
France	8,786	8,867	0.9
Germany	20,580	20,614	0.2
Italy	10,181	10,315	1.3
Sweden	1,743	1,565	-10.2
United Kingdom	8,607	8,496	-1.3
Others EU	30,988	31,571	1.9
Brazil	9,418	9,646	2.4
Canada	5,560	5,564	0.1
China	108,892	113,275	4.0
India	13,561	13,740	1.3
Indonesia	7,735	7,994	3.3
Japan	26,441	26,415	-0.1
South Korea	9,855	9,973	1.2
USA	70,823	70,388	-0.6
Other countries	81,785	83,767	2.4
World	416,073	423,292	1.7
Apparent Consumption = Production + Import - Export			

If you have any questions about paper ...

... the German pulp and paper mills and their central organization, the German Pulp and Paper Association (VDP) in Bonn, will gladly answer them. VDP comprises 106 member companies with a total of 130 production plants. VDP represents the largest paper industry in Europe. Six regional associations assist VDP in its duties.

Its main function is bundling and safeguarding the interests of member companies in the areas of: business and foreign trade, energy and the environment, raw and auxiliary materials, goods traffic, research, advice and support in energy-policy and freight tariff issues, publication of statistics and market reports, information events and seminars, sponsoring of research at universities and institutes, winning junior staff in cooperation with the Federation of the German Paper Industries Employers' Associations (VAP), standardization service, coordination and networking with the European industry association CEPI, Press and PR work.

To achieve this objective, VDP also participates in the Federation of German Industries (BDI).

At the international level, VDP is a member of the Confederation of the European Paper Industry (CEPI), the Brussels-based central organization of the pulp and paper associations throughout Europe. VDP also participates within the UN Food and Agriculture Organization (FAO) in the cooperation among the world's major producer and consumer associations for pulp, paper and co-operates as a member within the International Council of Forest and Paper Associations ICFPA.

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