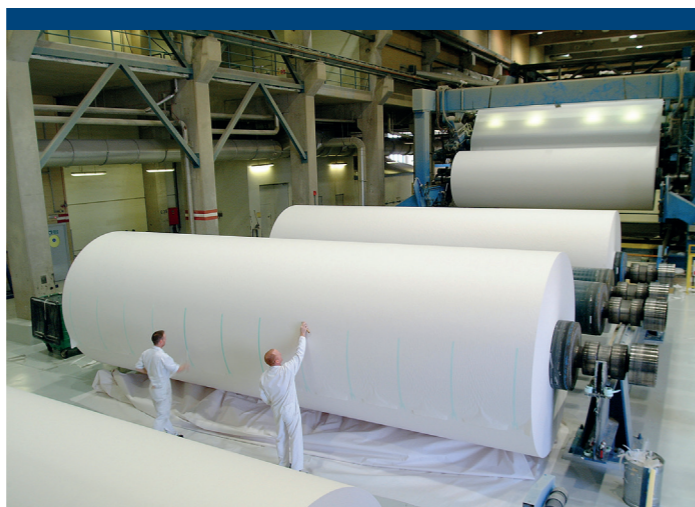


Germany - General Economic Data

	2018	2019	19:18
Population (in million)	83.0	83.1	0.1
Gross Domestic Product (€ bn)			
nominal	3,344.4	3,436.0	2.7
Foreign Trade (MM €)			
Total Exports	1,585,770	1,612,057	1.7
Total Imports	1,379,711	1,404,365	1.8
Total Export surplus (+) or deficit (-)	+206,059	+207,692	0.8
Turnover (MM €)			
Total manufacturing industry	1,824,596	1,814,467	-0.6
Pulp and Paper Industry	15,352	14,342	-6.6
Employment ('000)			
Total manufacturing industry	5,673	5,643	-0.5
Pulp and Paper Industry	40.6	39.9	-1.7
Producer price index (2015 = 100)			
Total Manufactured Products	103.7	104.8	
Pulp and Paper Industry	109.7	106.5	
Converted Paper and Board Products	104.5	105.5	
Printing Services	99.9	100.8	
Packaging Material made of Paper, Carton and Cardboard	105.5	105.9	
Writing Materials and Stationary made of Paper, Carton and Cardboard	106.3	108.7	
Paper and Board	109.8	106.6	
Newsprint	108.2	114.8	
Other Graphic Paper and Board	108.2	110.5	
Testliner, uncoated	117.9	98.2	
Industrial Production index (2015 = 100)			
Total Manufacturing Industry	105.6	101.8	
Pulp and Paper Industry	96.3	92.0	



Facts about Paper



2020

Verband Deutscher Papierfabriken e.V.

Germany - Pulp and Paper Industry

in 1,000 tonnes	2018	2019	19:18
Production			
Pulp (air dry 90 : 100)	2,398	2,326	-3.0
Total Paper and Board	22,682	22,073	-2.7
Graphic Paper	7,743	7,097	-8.3
Paper and Board for Packaging	12,017	12,102	0.7
Sanitary & Household (Parent Reels)	1,508	1,499	-0.6
Other Paper and Board	1,414	1,375	-2.8
Exports			
Pulp (air dry 90 : 100)	460	543	18.0
Paper for Recycling	2,824	2,501	-11.4
Paper and Board	13,681	13,653	-0.2
Export share of Production (%)	60.3	61.9	2.5
Imports			
Pulp (air dry 90 : 100)	3,503	3,273	-6.6
Paper for Recycling	4,915	4,903	-0.2
Paper and Board	11,153	10,495	-5.9
Import share of Consumption (%)	55.3	55.5	0.3
Consumption			
Pulp (air dry 90 : 100)	5,451	5,073	-6.9
Paper for Recycling	17,200	17,154	-0.3
Mineral Fibers and Additives	3,778	3,572	-5.5
Paper and Board	20,154	18,915	-6.1
Paper for Recycling Utilisation Rate¹⁾			
	76	78	
Paper for Recycling Collection Rate²⁾			
	75	78	
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	2018	2019	19:18 in %
Graphic Papers	7,743	7,097	-8.3
Publication Papers	4,720	4,254	-9.9
Newsprint Standard	1,210	1,085	-10.4
LWC Papers	1,417	1,264	-10.9
Other Magazine- and Catalogue Papers (SC, HWC, Newsprint upgraded)	2,092	1,906	-8.9
Other Graphic Papers	3,023	2,844	-5.9
Coated Printing Papers	1,155	1,036	-10.3
Uncoated Printing and Office Papers	1,611	1,527	-5.3
Recycling Papers	257	281	9.3
Paper and Board for Packaging	12,016	12,102	0.7
Case Materials	8,876	9,019	1.6
Carton Board	2,488	2,482	-0.2
Millboard	50	46	-9.0
Wrappings	602	555	-7.7
Sanitary and Household	1,508	1,499	-0.6
Other Paper and Board	1,414	1,375	-2.8
Wall Paper Base	164	152	-7.0
Base Paper for e.g. Photography or Decor films	555	519	-6.5
Others	695	704	1.2
Total Paper and Board	22,682	22,073	-2.7

Paper for Recycling Utilisation Rate ¹⁾	2010	2015	2016	2017	2018	2019
Graphic Paper	47	52	53	52	51	53
Paper and Board for Packaging	101	100	100	99	100	101
Sanitary & Household	53	48	46	45	50	51
Other Paper and Board	42	43	43	44	44	44
Total Paper and Board	70	74	74	75	76	78
Recycling Rate ²⁾	77	75	74	74	75	78

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)	2017	2018	18:17
EU 28	92,420	92,321	-0.1
Finland	10,277	10,544	2.6
France	8,021	7,864	-2.0
Germany	22,925	22,682	-1.1
Italy	9,132	9,142	0.1
Sweden	10,261	10,141	-1.2
United Kingdom	3,858	3,894	0.9
Others EU	27,946	28,054	0.4
Brazil	10,591	10,557	-0.3
Canada	10,027	10,180	1.5
China	115,766	109,962	-5.0
India	13,479	15,214	12.9
Indonesia	11,848	12,478	5.3
Japan	26,526	26,070	-1.7
South Korea	11,601	11,532	-0.6
USA	72,281	72,062	-0.3
Other countries	56,988	59,344	4.1
World	421,527	419,720	-0.4

Paper and Board Production by Main Grades 2018			
(in 1,000 tonnes)	Graphic Paper	Packaging Paper and Board	Other Paper and Board
EU 28	30,966	49,233	12,122
Finland	5,524	4,589	431
France	2,110	4,461	1,293
Germany	7,743	12,017	2,922
Italy	2,457	4,614	2,071
Sweden	3,487	6,224	430
United Kingdom	962	1,904	1,028
Others EU	8,683	15,424	3,947
Brazil	2,605	6,481	1,471
Canada	6,017	3,121	1,042
China	26,087	73,250	10,625
India	5,812	9,101	301
Indonesia	5,215	6,108	1,155
Japan	10,465	12,959	2,646
South Korea	3,666	7,185	681
USA	13,004	49,546	9,512
Other countries	11,734	39,154	8,456
World	115,571	256,138	48,011

International Paper Industry				
Production and Consumption of Pulp				
	Production		Consumption	
(in 1,000 tonnes/90:100)	2017	2018	2017	2018
EU 28	36,361	36,888	40,316	41,620
Finland	10,616	11,405	7,577	8,002
France	1,713	1,613	3,136	3,099
Germany	2,431	2,398	5,592	5,967
Italy	388	369	3,470	3,436
Portugal	2,626	2,668	1,528	1,726
Sweden	11,745	11,527	8,927	8,757
Others EU	6,842	6,908	10,086	10,633
Brazil	19,527	21,085	6,342	6,210
Canada	16,384	16,313	7,222	7,260
China	11,252	12,049	32,291	33,551
India	1,830	2,050	2,808	3,016
Indonesia	8,000	8,263	4,752	4,974
Japan	8,732	8,620	9,801	9,908
Russia	8,352	8,480	6,327	6,459
USA	47,625	47,135	46,748	46,582
Other countries	16,366	16,678	17,293	17,380
World	174,429	177,561	173,900	176,960

Production of Pulp by Continent								
(in 1,000 tonnes)	Europe	North America	Latin America	Asia	Australia / Oceania	Africa	World	
Mechanical Pulp	2017	10,942	9,122	936	5,431	1,064	130	27,625
	2018	11,365	8,687	942	5,751	1,043	107	27,895
	18:17	3.9	-4.8	0.6	5.9	-2.0	-17.7	1.0
Semi-chemical Pulp	2017	1,511	3,218	172	89	124	167	5,281
	2018	1,535	3,176	178	266	126	225	5,506
	18:17	1.6	-1.3	3.5	+	1.6	34.7	4.3
Chemical Pulp	2017	33,475	51,669	27,149	26,638	1,655	938	141,524
	2018	33,752	51,585	28,854	27,409	1,651	910	144,161
	18:17	0.8	-0.2	6.3	2.9	-0.2	-3.0	1.9
Other Pulp	2017	473	-	489	8,316	-	257	9,535
	2018	391	-	498	8,527	-	219	9,635
	18:17	-17.3	-	1.8	2.5	-	-14.8	1.0
Total Pulp	2017	46,401	64,009	28,746	40,474	2,843	1,492	183,965
	2018	47,043	63,448	30,472	41,953	2,820	1,461	187,197
	18:17	1.4	-0.9	6.0	3.7	-0.8	-2.1	1.8

International Paper Industry				
External Trade Paper and Board				
	Import		Export	
(in 1,000 tonnes)	2017	2018	2017	2018
EU 28	52,720	52,279	62,631	62,538
Finland	347	329	9,532	9,837
France	5,079	5,003	4,255	4,141
Germany	11,371	11,153	13,682	13,681
Italy	5,283	5,509	4,093	3,921
Sweden	788	731	9,484	9,288
United Kingdom	5,601	5,398	960	968
Others EU	24,251	24,156	20,625	20,702
Brazil	705	669	1,650	1,631
Canada	3,035	2,985	7,480	7,531
China	4,901	6,254	6,941	6,065
India	3,287	2,819	726	1,320
Indonesia	724	736	4,620	4,990
Japan	1,759	1,453	1,829	2,064
South Korea	1,334	1,304	2,986	2,885
USA	9,685	10,035	11,576	11,423
Other countries	40,144	39,457	15,009	15,388
World	118,294	117,991	115,448	115,835

Apparent Consumption of Paper and Board			
(in 1,000 tonnes)	Consumption		18:17
EU 28	2017	2018	in %
Finland	82,509	82,062	-0.5
France	1,092	1,036	-5.1
Germany	8,845	8,726	-1.3
Italy	20,614	20,154	-2.2
Sweden	10,322	10,730	4.0
United Kingdom	1,565	1,584	1.2
Others EU	8,499	8,324	-2.1
Brazil	31,572	31,508	-0.2
Canada	9,646	9,595	-0.5
China	5,582	5,634	0.9
India	113,726	110,151	-3.1
Indonesia	16,040	16,713	4.2
Japan	7,952	8,224	3.4
South Korea	26,456	25,459	-3.8
USA	9,949	9,951	0.0
Other countries	70,390	70,674	0.4
World	82,123	83,413	1.6
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 104 member companies with a total of 128 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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