

Germany - General Economic Data

	2016	2017	17:16
Population (in million)	82.5	82.8	0.3
Gross Domestic Product (€ bn)			
nominal	3,144.1	3,263.4	3.8
Foreign Trade (MM €)			
Total Exports	1,450,012	1,542,628	6.4
Total Imports	1,199,393	1,294,482	7.9
Total Export surplus (+) or deficit (-)	+250,619	+248,146	-1.0
Turnover (MM €)			
Total Industry	1,398,132	1,473,955	5.4
Pulp and Paper Industry	14,239	14,694	3.2
Employment ('000)			
Total Industry	5,284	5,365	1.5
Pulp and Paper Industry	39.8	40.2	1.0
Producer price index (2010 = 100)			
Total Manufactured Products	102.1	104.8	
Pulp and Paper Industry	102.7	104.0	
Converted Paper and Board Products	105.8	106.1	
Printing Services	99.9	99.6	
Packaging Material made of Paper, Carton and Cardboard	106.6	107.1	
Writing Materials and Stationary made of Paper, Carton and Cardboard	105.9	106.5	
Paper and Board	103.0	104.3	
Newsprint	97.3	97.5	
Other Graphic Paper and Board	98.3	97.3	
Testliner, uncoated	107.8	116.4	
Industrial Production index (2010 = 100)			
Total Manufacturing Industry	110.3	113.4	
Pulp and Paper Industry	99.6	100.2	



Facts about Paper



2018

Verband Deutscher Papierfabriken e.V.

Germany - Pulp and Paper Industry

in 1,000 tonnes	2016	2017	17:16
Production			
Pulp (air dry 90 : 100)	2,485	2,432	-2.1
Total Paper and Board	22,629	22,919	1.3
Graphic Paper	8,354	8,154	-2.4
Paper and Board for Packaging	11,390	11,816	3.7
Sanitary & Household (Parent Reels)	1,507	1,514	0.5
Other Paper and Board	1,378	1,435	4.1
Exports			
Pulp (air dry 90 : 100)	583	643	10.3
Paper for Recycling	2,867	2,934	2.3
Paper and Board	13,386	13,783	3.0
Export share of Production (%)	59,2	60,1	1.7
Imports			
Pulp (air dry 90 : 100)	3,534	3,625	2.6
Paper for Recycling	4,574	4,801	5.0
Paper and Board	11,334	11,325	-0.1
Import share of Consumption (%)	55,1	55,3	0.5
Consumption			
Pulp (air dry 90 : 100)	5,623	5,606	-0.3
Paper for Recycling	16,886	17,137	1.5
Mineral Fibers and Additives	3,792	3,822	0.8
Paper and Board	20,577	20,461	-0.6
Paper for Recycling Utilisation Rate¹⁾			
	74	75	
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	2016	2017	17:16 in %
Graphic Papers	8,355	8,154	-2.4
Mechanical Papers	5,464	5,237	-4.2
Newsprint Standard	1,761	1,591	-9.6
LWC Papers	1,520	1,459	-4.0
Other Magazine- and Catalogue Papers (SC, HWC, ...) and other Mechanical Papers (coated/uncoated)	1,933	1,938	0.3
Recycling Papers	250	249	-0.4
Woodfree Papers	2,891	2,917	0.9
Coated Woodfree Papers	1,282	1,257	-2.0
Uncoated Woodfree Papers	1,608	1,660	3.2
Paper and Board for Packaging	11,390	11,815	3.7
Case Materials	8,251	8,656	4.9
Carton Board	2,521	2,513	-0.3
Millboard	47	50	6.5
Wrappings	570	596	4.6
Sanitary and Household	1,507	1,514	0.5
Other Paper and Board	1,378	1,435	4.2
Wall Paper Base	150	173	15.8
Base Paper for e.g. Photography or Decor films	531	547	3.0
Others	697	715	2.6
Total Paper and Board	22,629	22,919	1.3

Paper for Recycling Utilisation Rate ¹⁾	2000	2010	2015	2016	2017
Graphic Paper	37	47	52	53	52
Paper and Board for Packaging	95	101	100	100	99
Sanitary & Household	74	53	48	46	46
Other Paper and Board	41	42	43	43	43
Total Paper and Board	60	70	74	74	75
Recycling Rate ²⁾	72	77	75	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)	2015	2016	16:15
EU 28	91,004	90,927	-0.1
Finland	10,319	10,145	-1.7
France	7,986	7,984	0.0
Germany	22,601	22,629	0.1
Italy	9,062	9,001	-0.7
Sweden	10,164	10,103	-0.6
United Kingdom	3,970	3,676	-7.4
Others EU	26,902	27,389	1.8
Brazil	10,453	10,464	0.1
Canada	10,328	10,117	-2.0
China	108,108	111,288	2.9
India	11,236	11,257	0.2
Indonesia	10,881	10,932	0.5
Japan	26,228	26,279	0.2
South Korea	11,602	11,653	0.4
USA	72,603	72,120	-0.7
Other countries	54,263	55,846	2.9
World	406,706	410,883	1.0

Paper and Board Production by Main Grades 2016			
(in 1,000 tonnes)	Graphic Paper	Packaging Paper and Board	Other Paper and Board
EU 28	32,940	46,213	11,774
Finland	5,511	4,147	487
France	2,258	4,439	1,287
Germany	8,354	11,390	2,885
Italy	2,593	4,375	2,033
Sweden	3,611	6,068	424
United Kingdom	898	1,800	978
Others EU	9,715	13,994	3,680
Brazil	2,603	6,457	1,404
Canada	6,272	3,104	741
China	28,091	67,941	15,256
India	5,269	5,713	275
Indonesia	4,892	5,035	1,005
Japan	11,215	11,815	3,249
South Korea	4,169	6,584	900
USA	15,272	46,659	10,189
Other countries	11,901	36,023	7,922
World	122,624	235,544	52,715

International Paper Industry				
Production and Consumption of Pulp				
	Production		Consumption	
(in 1,000 tonnes/90:100)	2015	2016	2015	2016
EU 28	34,988	36,171	40,693	41,456
Finland	10,301	10,782	7,777	7,927
France	1,608	1,722	3,011	3,084
Germany	2,554	2,485	5,838	6,029
Italy	406	392	3,643	3,563
Portugal	2,565	2,624	1,484	1,501
Sweden	11,197	11,140	8,527	8,263
Others EU	6,357	7,026	10,413	11,089
Brazil	17,426	18,773	6,227	6,160
Canada	16,552	16,500	7,591	7,600
China	16,350	16,209	33,871	34,979
India	4,197	3,574	5,027	4,487
Indonesia	6,899	7,282	4,530	4,703
Japan	8,669	8,630	9,899	9,927
Russia	7,694	8,204	5,728	6,164
USA	47,832	47,806	46,838	46,486
Other countries	18,160	17,402	19,166	18,647
World	178,767	180,551	179,570	180,609

Production of Pulp by Continent								
(in 1,000 tonnes)	Europe	North America	Latin America	Asia	Australia / Oceania	Africa	World	
Mechanical Pulp	2015	10,797	9,979	952	4,810	1,018	132	27,688
	2016	11,321	9,710	914	5,413	1,061	106	28,525
	16:15	4.9	-2.7	-4.0	12.5	4.2	-19.7	3.0
Semi-chemical Pulp	2015	1,380	3,108	123	105	90	191	4,997
	2016	1,510	2,997	159	103	88	110	4,967
	16:15	9.4	-3.6	29.3	-1.9	-2.2	-42.4	-0.6
Chemical Pulp	2015	31,403	51,297	24,942	25,033	1,685	940	135,300
	2016	32,396	51,599	26,335	24,961	1,572	842	137,705
	16:15	3.2	0.6	5.6	-0.3	-6.7	-10.4	1.8
Other Pulp	2015	209	-	510	9,734	5	324	10,782
	2016	350	-	451	8,414	-	140	9,355
	16:15	67.5	-	-11.6	-13.6	-	-56.8	-13.2
Total Pulp	2015	43,789	64,384	26,527	39,682	2,798	1,587	178,767
	2016	45,577	64,306	27,859	38,890	2,721	1,198	180,551
	16:15	4.1	-0.1	5.0	-2.0	-2.8	-24.5	1.0

International Paper Industry				
External Trade Paper and Board				
	Import		Export	
(in 1,000 tonnes)	2015	2016	2015	2016
EU 28	52,227	52,220	61,299	61,154
Finland	376	367	9,572	9,397
France	5,136	5,073	4,351	4,280
Germany	11,320	11,334	13,346	13,386
Italy	5,048	5,141	3,964	3,973
Sweden	765	783	9,357	9,127
United Kingdom	6,033	5,916	947	952
Others EU	23,549	23,606	19,762	20,039
Brazil	792	637	1,649	1,670
Canada	3,108	3,098	7,719	7,589
China	2,880	3,006	6,563	7,618
India	2,440	2,902	574	599
Indonesia	597	742	4,131	3,949
Japan	1,915	1,744	1,382	1,578
South Korea	1,172	1,359	3,079	3,144
USA	9,786	9,696	11,571	10,991
Other countries	39,051	39,678	13,030	14,090
World	113,968	115,082	110,997	112,382

Apparent Consumption of Paper and Board			
(in 1,000 tonnes)	Consumption		16:15
	2015	2016	in %
EU 28	81,932	81,993	0.1
Finland	1,123	1,115	-0.7
France	8,771	8,777	0.1
Germany	20,575	20,577	0.0
Italy	10,146	10,169	0.2
Sweden	1,572	1,759	11.9
United Kingdom	9,056	8,640	-4.6
Others EU	30,689	30,956	0.9
Brazil	9,596	9,431	-1.7
Canada	5,717	5,626	-1.6
China	104,425	106,676	2.2
India	13,102	13,560	3.5
Indonesia	7,347	7,725	5.1
Japan	26,761	26,445	-1.2
South Korea	9,695	9,868	1.8
USA	70,818	70,825	0.0
Other countries	80,284	81,434	1.4
World	409,677	413,583	1.0
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 108 member companies with a total of 125 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.

If you want to know more about paper and the paper industry, please contact:

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