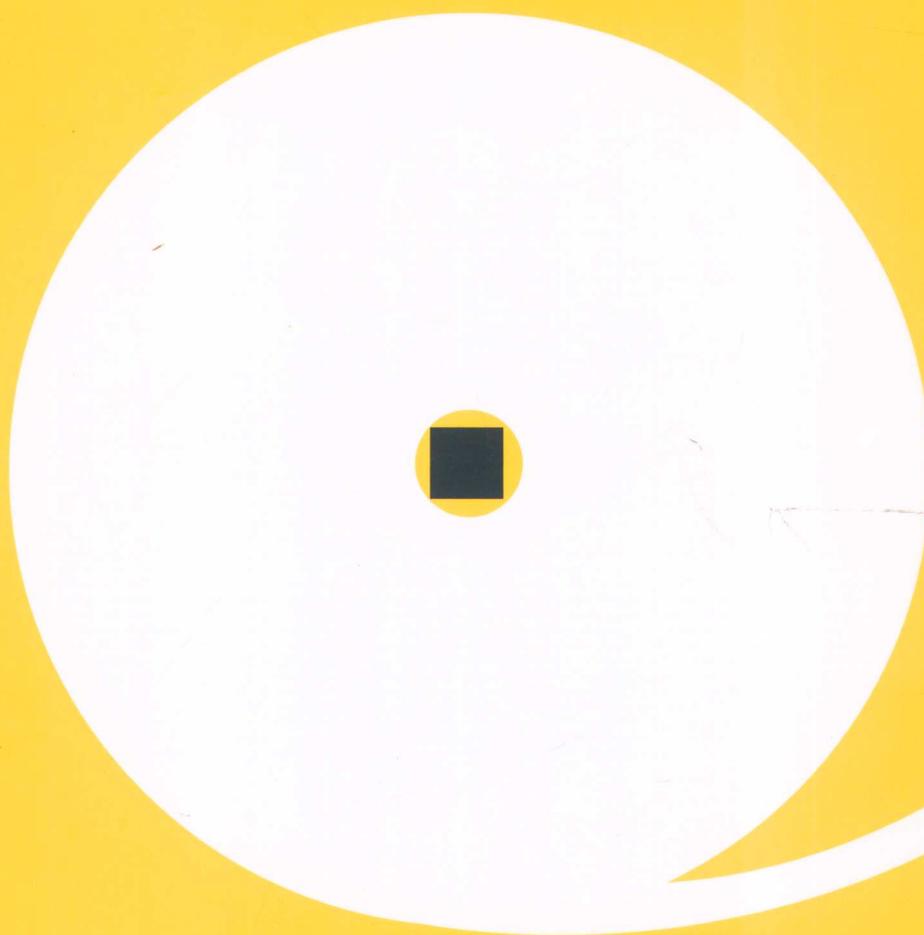


pulp and paper capacities
capacités de la pâte et du papier
capacidades de pasta y papel



survey
enquête
estudio

2011–2016



pulp and paper capacities capacités de la pâte et du papier capacidades de pasta y papel



survey
enquête
estudio

2011–2016

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ORGANISATION DES NATIONS UNIES POUR L'ALIMENTATION ET L'AGRICULTURE
ORGANIZACIÓN DE LAS NACIONES UNIDAS PARA LA ALIMENTACIÓN Y LA AGRICULTURA

Rome, Roma, 2012

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ANNEX 1: DEFINITIONS

ANNEXE 1: DÉFINITIONS

ANEXO 1: DEFINICIONES

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**ANNEXE 2:
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PULP AND PAPER CAPACITIES, 2011 - 2016

INTRODUCTION

The 2012 FAO Survey of World Pulp and Paper Capacities presents statistics on pulp and paper capacity and production by country and by grade. The document is based on information submitted by correspondents worldwide, most of them pulp and paper associations or, in their absence, paper companies. **The survey presents only the results for countries that submitted answers to the questionnaires** and no attempts have been made to estimate figures in the absence of returned information. The figures related to capacity utilization should be consulted with caution. In some cases, the reader will notice that production is superior to capacity - where differences are small, these can be attributed to rounding off errors or to machines operating slightly above design capacities, where differences are more important and cannot be explained, FAO contacted the countries but was not successful in receiving answers. In some instances respondents provided only production figures without any indication of capacity, resulting in erroneous capacity utilization figures on an aggregated basis.

The coverage and content of the survey is as follows:

- Introduction
- Country tables for capacity by grade
- Grade tables for capacity by country
- Annex 1: Definition of grades
- Annex 2: List of persons contacted for the survey
- Annex 3: Country tables for production by grade.

Answers were received in time for inclusion in the survey from the following 33 countries which represent about 90 percent of the world production of paper and paperboard:

Australia, Austria, Belgium, Brazil, Canada, Chile, China, Colombia, Cuba, Denmark, Finland, France, Germany, Italy, Japan, Malaysia, Mexico, Netherlands, New Zealand, Norway, Peru, Poland, Republic of Korea, Russian Federation, Slovakia, South Africa, Spain, Sweden, Thailand, Turkey, United Kingdom, United States of America and Venezuela (Bolivarian Republic of).

The national correspondents who received the FAO questionnaires for the *Pulp and Paper Capacity Survey 2011-2016* are listed in Annex 4. The publication of this document is possible only because FAO receives support from correspondents. Their willingness to share and exchange data is greatly appreciated.

For inquiries on these data, please contact the national correspondents or the FAO Forestry Department, Forest Economics, Policy and Products Division. Mailing address: Viale delle Terme di Caracalla, 00153 Rome, Italy, telephone: +39 06 5705 3641, fax: +39 06 5705 3945, e-mail: Arvydas.Lebedys@fao.org . These data and data from previous surveys are also available on-line at:

<http://www.fao.org/forestry/industries/9531/en/>

CAPACITÉS DE LA PÂTE ET DU PAPIER, 2011 - 2016

INTRODUCTION

La version 2012 de cette enquête présente les statistiques mondiales sur la capacité et la production de pâte et de papier par pays et par produits. Le document est préparé à partir des informations reçues de nos correspondants dans le monde, principalement des associations de pâtes et papiers ou, en leur absence, des compagnies papetières. Afin de maintenir l'uniformité des informations présentées, **l'enquête ne présente que les résultats reçus** et ne fait pas d'estimations pour les pays qui n'ont pas répondu aux questionnaires. Les statistiques sur l'utilisation de la capacité doivent être consultées avec certaines réserves. Le lecteur remarquera que dans certains cas la production est supérieure à la capacité: lorsqu'il s'agit de faibles quantités la différence peut être due au degré de précision des chiffres utilisés ou au fait que certaines machines fonctionnent au-delà de leur capacité nominale; lorsque les différences sont plus importantes, les pays contactés n'ont pas répondu ou n'ont pas fourni d'explications aux demandes d'information de la part de la FAO. Dans certains cas, seule la production nous a été indiquée sans aucune information sur la capacité, causant des inexactitudes au niveau de l'utilisation de capacité au niveau global.

L'enquête inclut les sections suivantes:

- Introduction
- Tableaux nationaux de capacités par groupe de produits
- Tableaux de capacités pour chaque groupe de produits par pays
- Annexe 1: Définition des groupes de produits
- Annexe 2: Liste des personnes contactées pour cette enquête
- Annexe 3: Tableaux nationaux de production par groupe de produits.

Les 33 pays suivants ont fourni leurs données à temps pour que l'on puisse en tenir compte dans l'enquête et représentent environ le 90 pour cent de la production mondiale de papier et cartons:

Afrique du Sud, Allemagne, Australie, Autriche, Belgique, Brésil, Canada, Chili, Chine, Colombie, Cuba, Danemark, Espagne, États-Unis d'Amérique, Fédération de Russie, Finlande, France, Italie, Japon, Malaisie, Mexique, Norvège, Nouvelle-Zélande, Pays-Bas, Pérou, Pologne, République de Corée, Royaume-Uni, Slovaquie, Suède, Thaïlande, Turquie et Venezuela (République bolivarienne du).

Les correspondants nationaux qui ont renvoyé en temps utile le questionnaire FAO pour l'inclusion de leurs données dans la publication *Capacités de la Pâte et du Papier, enquête 2011-2016* sont indiqués dans l'annexe 4. La FAO désire exprimer sa gratitude envers ces personnes et reconnaît que sans leur coopération cette enquête n'aurait pas été possible.

Pour toutes informations sur ces données, veuillez contacter les correspondants nationaux ou bien le Département des forêts de la FAO, Division de l'économie, des politiques et des produits forestiers, Viale delle Terme di Caracalla, 00153 Rome, Italie. Téléphone: +39 06 5705 3641, fax: +39 06 5705 3945, courrier électronique: Arvydas.Lebedys@fao.org. Ces données sont également disponibles à:

www.fao.org/forestry/industries/9531/fr/

CAPACIDADES DE PASTA Y PAPEL, 2011 - 2016

INTRODUCCIÓN

La versión 2012 de esta encuesta presenta las estadísticas mundiales sobre la capacidad mundial de producción de pasta y papel por país y por cada producto. El informe se basa en los datos recibidos de los corresponsales en todo el mundo, principalmente las asociaciones de pasta y papel, o en su ausencia, las sociedades productoras. Para mantener la compatibilidad de las informaciones presentadas, **la encuesta presenta solamente las respuestas recibidas** y no hace estimaciones para los países que no respondieron a los cuestionarios. Las estadísticas sobre la utilización de capacidad tienen que ser consultadas con cuidado. Los lectores notarán que en algunos casos la producción supera la capacidad: cuando se trata de pequeñas cantidades, la causa puede ser la aproximación de las cifras o cuando las unidades de producción operan por encima de la capacidad nominal; cuando las diferencias son más importantes, los países no respondieron a los pedidos de información suplemental o no suministraron explicaciones lógicas. En algunos casos solamente fue suministrada la producción sin ninguna información de la capacidad, resultando en equivocaciones a nivel de la utilización de capacidad agregada.

La encuesta presenta las siguientes secciones:

- Introducción
- Cuadros nacionales de capacidades por productos
- Cuadros de capacidades de productos por país
- Anexo 1: Definición de productos
- Anexo 2: Lista de las personas contactadas por esta encuesta
- Anexo 3: Cuadros nacionales de producción por productos.

Los siguientes 33 países que respondieron a la encuesta dentro del plazo, representan aproximadamente el 90 por ciento de la producción mundial de papel y cartón:

Alemania, Australia, Austria, Bélgica, Brasil, Canadá, Chile, China, Colombia, Cuba, Dinamarca, Eslovaquia, España, Estados Unidos de América, Federación de Rusia, Finlandia, Francia, Italia, Japón, Malasia, México, Noruega, Nueva Zelandia, Países Bajos, Perú, Polonia, Reino Unido, República de Corea, Sudáfrica, Suecia, Tailandia, Turquía y Venezuela (República Bolivariana de).

Los corresponsales nacionales, que enviaron el cuestionario FAO para la publicación *Capacidades de pasta y papel, estudio 2011-2016* están listados en el Anexo 4. La FAO quiere expresar su aprecio a todos aquellos que contribuyeron a la información y reconoce que esta publicación no sería posible sin su cooperación.

Para obtener más información sobre estos datos, sírvase dirigirse a los corresponsales nacionales o al Departamento de Montes de la FAO, División de Economía, Políticas y Productos Forestales, Viale delle Terme di Caracalla, 00153 Roma, Italia. Teléfono: +39 06 5705 3641, fax: +39 06 5705 3945, correo electrónico: Arvydas.Lebedys@fao.org. Estos datos están disponibles en la página:

www.fao.org/forestry/industries/9531/es/

CAPACITY COUNTRY TABLES

TABLEAUX NATIONAUX DE CAPACITÉS

CUADROS NACIONALES DE CAPACIDADES

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Australia	Australie	Australia	1
Austria	Autriche	Austria	2
Belgium	Belgique	Bélgica	3
Brazil	Brésil	Brasil	4
Canada	Canada	Canadá	5
Chile	Chili	Chile	6
Colombia	Colombie	Colombia	7
Cuba	Cuba	Cuba	8
Finland	Finlande	Finlandia	9
France	France	Francia	10
Germany	Allemagne	Alemania	11
Italy	Italie	Italia	12
Japan	Japon	Japón	13
Malaysia	Malaisie	Malasia	14
Mexico	Mexique	México	15
Netherlands	Pays-Bas	Países Bajos	16
New Zealand	Nouvelle-Zélande	Nueva Zelandia	17
Norway	Norvège	Noruega	18
Peru	Pérou	Perú	19
Republic of Korea	République de Corée	República de Corea	20
Russian Federation	Fédération de Russie	Federación de Rusia	21
Slovakia	Slovaquie	Eslovaquia	22
South Africa	Afrique de Sud	Sudáfrica	23
Spain	Espagne	España	24
Sweden	Suède	Suecia	25
Thailand	Thaïlande	Tailandia	26
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1.31	Semi-Chemical Non-Coniferous Pulp	41
1.32	Semi-Chemical Coniferous Pulp	42
1.4	Chemical Pulp Total	43
1.41	Unbleached Sulphite Pulp	44
1.411	Unbleached Non-Coniferous Sulphite Pulp	45
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1.42	Bleached Sulphite Pulp	47
1.421	Bleached Non-Coniferous Sulphite Pulp	48
1.422	Bleached Coniferous Sulphite Pulp	49
1.43	Unbleached Sulphate Pulp	50
1.431	Unbleached Non-Coniferous Sulphate Pulp	51
1.432	Unbleached Coniferous Sulphate Pulp	52
1.44	Bleached Sulphate+Soda Pulp	53
1.441	Bleached Non-Coniferous Sulphate+Soda Pulp	54
1.442	Bleached Coniferous Sulphate+Soda Pulp	55
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4.3252	Other Packaging Paper	94
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4.331	Other Paper N.E.S.	96
4.332	Other Paperboard N.E.S.	97

AUSTRALIA

PROCESS	2011		2012		2013		2014		2015	2016
	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	TOTAL CAPACITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	1657	25	1651	10	1661	0	2961	1300	2961	2961
1.1 MECHANICAL PULP	30	0	30	0	30	0	30	0	30	30
1.11 MECHANICAL NON-CONIFEROUS PULP	15	0	15	0	15	0	15	0	15	15
1.12 MECHANICAL CONIFEROUS PULP	15	0	15	0	15	0	15	0	15	15
1.2 THERMO-MECHANICAL PULP	439	0	421	0	421	0	421	0	421	421
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	439	0	421	0	421	0	421	0	421	421
1.3 SEMI-CHEMICAL PULP	120	0	120	0	120	0	120	0	120	120
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	120	0	120	0	120	0	120	0	120	120
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	1068	25	1080	10	1090	0	2390	1300	2390	2390
1.41 UNBLEACHED SULPHITE PULP	656	0	710	0	750	0	750	0	750	750
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	656	0	710	0	750	0	750	0	750	750
1.42 BLEACHED SULPHITE PULP	72	25	30	10	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	72	25	30	10	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	195	0	195	0	195	0	195	0	195	195
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	15	0	15	0	15	0	15	0	15	15
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	180	0	180	0	180	0	180	0	180	180
1.44 BLEACHED SULPHATE+SODA PULP	145	0	145	0	145	0	1445	1300	1445	1445
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	145	0	145	0	145	0	1445	1300	1445	1445
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
2011 2012 2013 2014 2015 2016										
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										
4 PAPER AND PAPERBOARD			3304	3343	3455	3388	3394	3395		
4.1 NEWSPRINT			457	457	457	457	449	449		
4.2 OTHER PRINTING AND WRITING PAPER			327	327	352	352	360	360		
4.21 COATED PRINTING AND WRITING PAPER			0	0	0	0	0	0		
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER			0	0	0	0	0	0		
4.212 COATED WOODFREE PRINTING & WRITING PAPER			0	0	0	0	0	0		
4.22 UNCOATED PRINTING AND WRITING PAPER			327	327	352	352	360	360		
4.221 UNCOATED WOOD CONTAINING PRINT&WRITING PAPER			82	82	82	82	90	90		
4.222 UNCOATED WOODFREE PRINTING & WRITING PAPER			245	245	270	270	270	270		
4.3 OTHER PAPER AND PAPERBOARD			2520	2559	2646	2579	2585	2586		
4.31 HOUSEHOLD AND SANITARY PAPER			233	192	193	195	201	202		
4.32 WRAPPING AND PACKAGING PAPER AND BOARD			2277	2357	2443	2384	2384	2384		
4.321 LINERBOARD			1453	1533	1611	1650	1650	1650		
4.3211 KRAFT LINER			866	931	993	993	993	993		
4.32111 UNBLEACHED KRAFT LINER			865	930	992	992	992	992		
4.32112 BLEACHED KRAFT LINER			1	1	1	1	1	1		
4.3212 OTHER LINERBOARD			587	602	618	657	657	657		
4.322 FLUTING MEDIUM			570	570	570	505	505	505		
4.3221 SEMI-CHEMICAL FLUTING MEDIUM			0	0	0	0	0	0		
4.3222 OTHER FLUTING MEDIUM			570	570	570	505	505	505		
4.323 KRAFT WRAPPING AND PACKAGING			80	80	88	88	88	88		
4.3231 SACK KRAFT			50	50	55	55	55	55		
4.3232 OTHER KRAFT WRAPPING AND PACKAGING			30	30	33	33	33	33		
4.324 FOLDING BOXBOARD			130	130	130	138	138	138		
4.3241 PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0		
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD			0	0	0	0	0	0		
4.32412 OTHER PULP BASED FOLDING BOXBOARD			0	0	0	0	0	0		
4.3242 RECOVERED PAPER BASED FOLDING BOXBOARD			130	130	130	138	138	138		
4.325 OTHER WRAPPING AND PACKAGING N.E.S.			44	44	44	3	3	3		
4.3251 OTHER WRAPPING PAPER			0	0	0	0	0	0		
4.3252 OTHER PACKAGING PAPER			44	44	44	3	3	3		
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL			10	10	10	0	0	0		
4.331 OTHER PAPER N.E.S.			0	0	0	0	0	0		
4.332 OTHER PAPERBOARD N.E.S.			10	10	10	0	0	0		
5 RECOVERED PAPER PULP FOR MAKING PAPER AND PAPERBOARD			1857	1877	1897	1862	1883	1904		

AUSTRIA

PROCESS	2011		2012		2013		2014		2015	2016
	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	TOTAL CAPACITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	1897	715	1899	715	1759	575	1759	575	1789	1789
1.1 MECHANICAL PULP	240	0	240	0	240	0	240	0	240	240
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	240	0	240	0	240	0	240	0	240	240
1.2 THERMO-MECHANICAL PULP	180	0	180	0	180	0	180	0	180	180
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	180	0	180	0	180	0	180	0	180	180
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	1477	715	1479	715	1339	575	1339	575	1369	1369
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	485	245	485	245	345	105	345	105	345	345
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	485	245	485	245	345	105	345	105	345	345
1.43 UNBLEACHED SULPHATE PULP	572	60	574	60	574	60	574	60	574	574
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	572	60	574	60	574	60	574	60	574	574
1.44 BLEACHED SULPHATE+SODA PULP	420	410	420	410	420	410	420	410	450	450
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	0	0	0	0	0	0	0	0	0	0
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	420	410	420	410	420	410	420	410	450	450
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	1	1	2	2	2	2	2	2	2	2
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	1	1	2	2	2	2	2	2	2	2
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	310	310	310	310	460	460	460	460	460	460
3.1 NON-CONIFEROUS DISSOLVING PULP	310	310	310	310	460	460	460	460	460	460
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

2011 2012 2013 2014 2015 2016										
TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR										
4 PAPER AND PAPERBOARD	5412	5440	5452	5465	5471	5485				
4.1 NEWSPRINT	444	445	446	447	447	448				
4.2 OTHER PRINTING AND WRITING PAPER	2669	2675	2686	2694	2695	2702				
4.21 COATED PRINTING AND WRITING PAPER	1428	1429	1429	1434	1434	1434				
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	264	265	265	270	270	270				
4.212 COATED WOODFREE PRINTING & WRITING PAPER	1164	1164	1164	1164	1164	1164				
4.22 UNCOATED PRINTING AND WRITING PAPER	1241	1246	1257	1260	1261	1268				
4.221 UNCOATED WOOD CONTAINING PRINT&WRITING PAPER	726	726	736	736	736	741				
4.222 UNCOATED WOODFREE PRINTING & WRITING PAPER	515	520	521	524	525	527				
4.3 OTHER PAPER AND PAPERBOARD	2299	2320	2320	2324	2329	2335				
4.31 HOUSEHOLD AND SANITARY PAPER	140	142	142	142	142	143				
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	2002	2019	2019	2019	2024	2026				
4.321 LINERBOARD	420	420	420	420	420	422				
4.3211 KRAFT LINER	420	420	420	420	420	422				
4.32111 UNBLEACHED KRAFT LINER	420	420	420	420	420	422				
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0				
4.3212 OTHER LINERBOARD	0	0	0	0	0	0				
4.322 FLUTING MEDIUM	710	715	715	715	715	715				
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	.	.	.	.	.	.
4.3222 OTHER FLUTING MEDIUM	.	.	.	.	.	.
4.323 KRAFT WRAPPING AND PACKAGING	290	296	296	296	301	301				
4.3231 SACK KRAFT	.	.	.	.	.	.
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	.	.	.	.	.	.
4.324 FOLDING BOXBOARD	565	570	570	570	570	570				
4.3241 PULP BASED FOLDING BOXBOARD	0	.	.	.	.	.
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	.	.	.	.	.
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	.	.	.	.	.
4.3242 RECOVERED PAPER BASED FOLDING BOXBOARD	565	570	570	570	570	570				
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	17	18	18	18	18	18				
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0				
4.3252 OTHER PACKAGING PAPER	17	18	18	18	18	18				
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	157	159	159	163	163	166				
4.331 OTHER PAPER N.E.S.	151	153	153	157	157	160				
4.332 OTHER PAPERBOARD N.E.S.	6	6	6	6	6	6				
5 RECOVERED PAPER PULP FOR MAKING PAPER AND PAPERBOARD				

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PROCESS	2011		2012		2013		2014		2015	2016
	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	TOTAL CAPACITY						
1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	5502	4652	5720	4767	5912	4934	5962	4984	5962	5962
1.1 MECHANICAL PULP	154	0	154	0	154	0	154	0	154	154
1.11 MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.12 MECHANICAL CONIFEROUS PULP	154	0	154	0	154	0	154	0	154	154
1.2 THERMO-MECHANICAL PULP	450	0	508	0	508	0	508	0	508	508
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.22 THERMO-MECHANICAL CONIFEROUS PULP	450	0	508	0	508	0	508	0	508	508
1.3 SEMI-CHEMICAL PULP	0	0	0	0	0	0	0	0	0	0
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.32 SEMI-CHEMICAL CONIFEROUS PULP	0	0	0	0	0	0	0	0	0	0
1.4 CHEMICAL PULP TOTAL	4898	4652	5058	4767	5250	4934	5300	4984	5300	5300
1.41 UNBLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.42 BLEACHED SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.422 BLEACHED CONIFEROUS SULPHITE PULP	0	0	0	0	0	0	0	0	0	0
1.43 UNBLEACHED SULPHATE PULP	460	425	525	430	548	433	548	433	548	548
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	0	0	0	0	0	0	0	0	0	0
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	460	425	525	430	548	433	548	433	548	548
1.44 BLEACHED SULPHATE+SODA PULP	4438	4227	4533	4337	4702	4501	4752	4551	4752	4752
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	2364	2199	2434	2279	2555	2400	2605	2450	2605	2605
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	2074	2028	2099	2058	2147	2101	2147	2101	2147	2147
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	0	0	0	0	0	0	0	0	0	0
2.1 PULP OF STRAW	0	0	0	0	0	0	0	0	0	0
2.2 PULP OF BAGASSE	0	0	0	0	0	0	0	0	0	0
2.3 PULP OF BAMBOO	0	0	0	0	0	0	0	0	0	0
2.4 PULP OF OTHER FIBRE	0	0	0	0	0	0	0	0	0	0
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

PROCESS	2011	2012	2013	2014	2015	2016
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	1298	1307	1319	1324	1330	1330
4.1 NEWSPRINT	289	289	289	289	289	289
4.2 OTHER PRINTING AND WRITING PAPER	82	46	36	36	36	36
4.21 COATED PRINTING AND WRITING PAPER	.	.	.	.	.	.
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	.	.	.	.	.	.
4.212 COATED WOODFREE PRINTING & WRITING PAPER	.	.	.	.	.	.
4.22 UNCOATED PRINTING AND WRITING PAPER	.	.	.	.	.	.
4.221 UNCOATED WOOD CONTAINING PRINT&WRITING PAPER	.	.	.	.	.	.
4.222 UNCOATED WOODFREE PRINTING & WRITING PAPER	.	.	.	.	.	.
4.3 OTHER PAPER AND PAPERBOARD	927	972	994	999	1005	1005
4.31 HOUSEHOLD AND SANITARY PAPER	127	131	137	142	148	148
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	770	811	827	827	827	827
4.321 LINERBOARD	103	103	103	103	103	103
4.3211 KRAFT LINER	0	0	0	0	0	0
4.32111 UNBLEACHED KRAFT LINER	0	0	0	0	0	0
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	103	103	103	103	103	103
4.322 FLUTING MEDIUM	200	210	210	210	210	210
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	0	0	0	0	0	0
4.3222 OTHER FLUTING MEDIUM	200	210	210	210	210	210
4.323 KRAFT WRAPPING AND PACKAGING	46	76	92	92	92	92
4.3231 SACK KRAFT	35	64	80	80	80	80
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	11	12	12	12	12	12
4.324 FOLDING BOXBOARD	421	422	422	422	422	422
4.3241 PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	0	0	0	0	0	0
4.32412 OTHER PULP BASED FOLDING BOXBOARD	0	0	0	0	0	0
4.3242 RECOVERED PAPER BASED FOLDING BOXBOARD	421	422	422	422	422	422
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	0	0	0	0	0	0
4.3251 OTHER WRAPPING PAPER	0	0	0	0	0	0
4.3252 OTHER PACKAGING PAPER	0	0	0	0	0	0
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	30	30	30	30	30	30
4.331 OTHER PAPER N.E.S.	30	30	30	30	30	30
4.332 OTHER PAPERBOARD N.E.S.	0	0	0	0	0	0
5 RECOVERED PAPER PULP FOR MAKING PAPER AND PAPERBOARD	.	.	.	.	.	.

COLOMBIA

PROCESS	2011		2012		2013		2014		2015	2016
	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	OF WHICH MARKET PULP	TOTAL CAPACITY	TOTAL CAPACITY
1000 METRIC TONS (AIR DRY) PER YEAR										
1 WOOD PULP FOR PAPER AND PAPERBOARD	241	0	242	0	245	0	245	245	245	245
1.1 MECHANICAL PULP	.	.	.	.	.	.	.	.	.	.
1.11 MECHANICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.12 MECHANICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.2 THERMO-MECHANICAL PULP	.	.	.	.	.	.	.	.	.	.
1.21 THERMO-MECHANICAL NON-CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.22 THERMO-MECHANICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.3 SEMI-CHEMICAL PULP	35	0	35	0	35	0	35	35	35	35
1.31 SEMI-CHEMICAL NON-CONIFEROUS PULP	35	.	35	.	35	.	35	35	35	35
1.32 SEMI-CHEMICAL CONIFEROUS PULP	.	.	.	.	.	.	.	.	.	.
1.4 CHEMICAL PULP TOTAL	206	0	207	0	210	0	210	210	210	210
1.41 UNBLEACHED SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.411 UNBLEACHED NON-CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.412 UNBLEACHED CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.42 BLEACHED SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.421 BLEACHED NON-CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.422 BLEACHED CONIFEROUS SULPHITE PULP	.	.	.	.	.	.	.	.	.	.
1.43 UNBLEACHED SULPHATE PULP	88	0	89	0	90	0	90	90	90	90
1.431 UNBLEACHED NON-CONIFEROUS SULPHATE PULP	.	.	.	.	.	.	.	.	.	.
1.432 UNBLEACHED CONIFEROUS SULPHATE PULP	88	.	89	.	90	.	90	90	90	90
1.44 BLEACHED SULPHATE+SODA PULP	118	0	118	0	120	0	120	120	120	120
1.441 BLEACHED NON-CONIFEROUS SULPHATE+SODA PULP	118	.	118	.	120	.	120	120	120	120
1.442 BLEACHED CONIFEROUS SULPHATE+SODA PULP	.	.	.	.	.	.	.	.	.	.
2 PULP OF OTHER FIBRE FOR PAPER AND BOARD	196	0	216	0	222	0	229	229	229	229
2.1 PULP OF STRAW	.	.	.	.	.	.	.	.	.	.
2.2 PULP OF BAGASSE	196	.	216	.	222	.	229	229	229	229
2.3 PULP OF BAMBOO	.	.	.	.	.	.	.	.	.	.
2.4 PULP OF OTHER FIBRE	.	.	.	.	.	.	.	.	.	.
3 DISSOLVING PULP, WOOD+OTHER RAW MATERIALS	0	0	0	0	0	0	0	0	0	0
3.1 NON-CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0
3.2 CONIFEROUS DISSOLVING PULP	0	0	0	0	0	0	0	0	0	0

	2011	2012	2013	2014	2015	2016
	TOTAL CAPACITY IN 1000 METRIC TONS PER YEAR					
4 PAPER AND PAPERBOARD	1274	1287	1318	1339	1360	1363
4.1 NEWSPRINT	0	0	0	0	0	0
4.2 OTHER PRINTING AND WRITING PAPER	326	329	337	350	356	357
4.21 COATED PRINTING AND WRITING PAPER	59	59	63	66	68	68
4.211 COATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.212 COATED WOODFREE PRINTING & WRITING PAPER	59	59	63	66	68	68
4.22 UNCOATED PRINTING AND WRITING PAPER	268	270	274	284	289	290
4.221 UNCOATED WOOD CONTAINING PRINT&WRITING PAPER	0	0	0	0	0	0
4.222 UNCOATED WOODFREE PRINTING & WRITING PAPER	267	270	274	284	289	290
4.3 OTHER PAPER AND PAPERBOARD	947	957	981	989	1003	1006
4.31 HOUSEHOLD AND SANITARY PAPER	264	272	290	294	304	304
4.32 WRAPPING AND PACKAGING PAPER AND BOARD	593	595	601	605	609	611
4.321 LINERBOARD	268	270	273	274	275	276
4.3211 KRAFT LINER	27	27	27	27	27	27
4.32111 UNBLEACHED KRAFT LINER	27	27	27	27	27	27
4.32112 BLEACHED KRAFT LINER	0	0	0	0	0	0
4.3212 OTHER LINERBOARD	241	243	246	247	248	249
4.322 FLUTING MEDIUM	160	161	162	165	166	166
4.3221 SEMI-CHEMICAL FLUTING MEDIUM	12	12	12	12	12	12
4.3222 OTHER FLUTING MEDIUM	148	149	150	153	154	154
4.323 KRAFT WRAPPING AND PACKAGING	73	73	73	73	74	75
4.3231 SACK KRAFT	59	59	59	59	60	61
4.3232 OTHER KRAFT WRAPPING AND PACKAGING	14	14	14	14	14	14
4.324 FOLDING BOXBOARD	70	70	70	70	70	70
4.3241 PULP BASED FOLDING BOXBOARD	37	37	37	37	37	37
4.32411 BLEACHED CHEMICAL PULP FOLDING BOXBOARD	37	37	37	37	37	37
4.32412 OTHER PULP BASED FOLDING BOXBOARD	.	.	.	.	.	.
4.3242 RECOVERED PAPER BASED FOLDING BOXBOARD	33	33	33	33	33	33
4.325 OTHER WRAPPING AND PACKAGING N.E.S.	22	22	23	23	24	24
4.3251 OTHER WRAPPING PAPER	20	20	21	21	22	22
4.3252 OTHER PACKAGING PAPER	2	2	2	2	2	2
4.33 OTHER PAPER AND PAPERBOARD N.E.S. TOTAL	90	90	90	90	90	90
4.331 OTHER PAPER N.E.S.	16	16	16	16	16	16
4.332 OTHER PAPERBOARD N.E.S.	74	74	74	74	75	75
5 RECOVERED PAPER PULP FOR MAKING PAPER AND PAPERBOARD	.	.	.	.	.	.