

	<p>FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS</p>	<p>FO: PAP / 73 / 3.1/ Rev. April 1973 Avril 1973 April 1973</p>
	<p>ORGANISATION DES NATIONS UNIES POUR L'ALIMENTATION ET L'AGRICULTURE</p>	
	<p>ORGANIZACION DE LAS NACIONES UNIDAS PARA LA AGRICULTURA Y LA ALIMENTACION</p>	

FAO ADVISORY COMMITTEE ON PULP AND PAPER
 COMITE CONSULTATIF FAO DE LA PATE ET DU PAPIER
 COMITE ASESOR DE LA FAO SOBRE LA PASTA Y EL PAPEL

WORLD PULP AND PAPER CAPACITIES 1972-1977
CAPACITES MONDIALES DE LA PATE ET DU PAPIER 1972-1977
CAPACIDADES MUNDIALES DE PASTA Y PAPEL 1972-1977

FAO SURVEY 1973
 ENQUETE FAO 1973
 ESTUDIO DE LA FAO 1973

COUNTRY DATA
 CHIFFRES PAR PAYS
 DATOS RELATIVOS A LOS PAISES

LIST OF COUNTRIES

NORTH AMERICA

1. Canada
2. U. S. A.

LATIN AMERICA

3. Argentina
4. Bolivia
5. Brazil
6. Chile
7. Colombia
8. Costa Rica
9. Cuba
10. Dominican Republic
11. Ecuador
12. El Salvador
12. Guatemala
14. Jamaica
15. Mexico
16. Panama
17. Paraguay
18. Peru
19. Puerto Rico
20. Uruguay
21. Venezuela

WESTERN EUROPE

22. Austria
23. Belgium/Luxembourg
24. Denmark
25. Finland
26. France
27. Germany, Federal Republic of
28. Greece
29. Ireland
30. Italy
31. Netherlands
32. Norway
33. Portugal
34. Spain
35. Sweden
36. Switzerland
37. United Kingdom

EASTERN EUROPE

38. Albania
39. Bulgaria
40. Czechoslovakia
41. German Democratic Rep.
42. Hungary
43. Poland
44. Romania
45. Yugoslavia
46. U. S. S. R.

LISTE DES PAYS

AMERIQUE DU NORD

- Canada
Etats Unis d'Amérique

AMERIQUE LATINE

- Argentine
Bolivie
Brésil
Chili
Colombie
Costa Rica
Cuba
République Dominicaine
Equateur
El Salvador
Guatemala
Jamaïque
Mexique
Panama
Paraguay
Pérou
Porto Rico
Uruguay
Venezuela

EUROPE OCCIDENTALE

- Autriche
Belgique/Luxembourg
Danemark
Finlande
France
Allemagne, République fédérale d'
Grèce
Irlande
Italie
Pays-Bas
Norvège
Portugal
Espagne
Suède
Suisse
Royaume Uni

EUROPE ORIENTALE

- Albanie
Bulgarie
Tchécoslovaquie
Allemagne, Rép. Dém.
Hongrie
Pologne
Roumanie
Yougoslavie
U. R. S. S.

LISTA DE LOS PAISES

AMERICA DEL NORTE

- Canada
Estados Unidos de América

AMERICA LATINA

- Argentina
Bolivia
Brasil
Chile
Colombia
Costa Rica
Cuba
Republica Dominicana
Ecuador
El Salvador
Guatemala
Jamaica
México
Panamá
Paraguay
Perú
Puerto Rico
Uruguay
Venezuela

EUROPA OCCIDENTAL

- Austria
Bélgica/Luxembourg
Dinamarca
Finlandia
Francia
Alemania, Republica federal de
Grecia
Irlanda
Italia
Paises Bajos
Noruego
Portugal
España
Suecia
Suiza
Reino Unido británico

EUROPA ORIENTALE

- Albania
Bulgaria
Checoslovaquia
Alemania, Rep. Dem.
Hungria
Polonia
Rumania
Yugoslavia
U. R. S. S.

AFRICA

- 47. Algeria
- 48. Angola
- 49. Ethiopia
- 50. Kenya
- 51. Libya
- 52. Malagasy Republic
- 53. Morocco
- 54. Mozambique
- 55. Nigeria
- 56. Rhodesia
- 57. South Africa
- 58. Sudan
- 59. Swaziland
- 60. Tunisia
- 61. Uganda
- 62. United Arab Republic
- 63. Zaïre

NEAR AND MIDDLE EAST

- 64. Iran
- 65. Iraq
- 66. Israel
- 67. Jordan
- 68. Lebanon
- 69. Turkey

70. JAPAN

71. CHINA, People's Rep.

FAR EAST (excluding Japan and China)

- 72. Bangladesh
- 73. Burma
- 74. India
- 75. Indonesia
- 76. Khmer
- 77. Korea, Dem. Pop. Rep.
- 78. Korea, Republic of
- 79. Malaysia
- 80. Mongolia
- 81. Nepal
- 82. Pakistan
- 83. Philippines
- 84. Singapore
- 85. Sri Lanka
- 86. Thailand
- 87. Viet-Nam, Dem. Rep.
- 88. Viet-Nam, Republic of

OCEANIA

- 89. Australia
- 90. New Zealand

AFRIQUE

- Algérie
- Angola
- Ethiopie
- Kenya
- Libye
- République Malgache
- Maroc
- Mozambique
- Nigéria
- Rhodésie
- Afrique du Sud
- Soudan
- Swaziland
- Tunisie
- Ouganda
- République Arabe Unie
- Zaïre

PROCHE ET MOYEN ORIENT

- Iran
- Irak
- Israël
- Jordanie
- Liban
- Turquie

JAPON

CHINE

EXTREME ORIENT (non compris le Japon et la Chine)

- Bangladesh
- Birmanie
- Inde
- Indonésie
- Khmers
- Corée, Rép. Pop. Dém.
- Corée, République de
- Malaisie
- Mongolie
- Népal
- Pakistan
- Philippines
- Singapour
- Sri Lanka
- Thaïlande
- Viet-Nam, Rép. Dém.
- Viet-Nam, République du

OCEANIE

- Australie
- Nouvelle Zélande

AFRICA

- Algeria
- Angola
- Ethiopia
- Kenia
- Libia
- República Malgache
- Marruecos
- Mozambique
- Nigeria
- Rhodesia
- Sudáfrica
- Sudán
- Swazilandia
- Tunisia
- Uganda
- República Araba Unida
- Zaire

CERCANO Y MEDIO ORIENTE

- Irán
- Irak
- Israel
- Jordania
- Libano
- Turquía

JAPON

CHINA

LEJANO ORIENTE (excluyendo Japon y China)

- Bangladesh
- Birmania
- India
- Indonesia
- Khmer
- Corea, Rep. Pop. Dem.
- Corea, República de
- Malasia
- Mongolia
- Nepal
- Paquistán
- Filipinas
- Singapur
- Sri Lanka
- Tailandia
- Viet-Nam, Rep. Dem.
- Viet-Nam, República de

OCEANIA

- Australia
- Nueva Zelanda

PULP TERMINOLOGY

ENGLISH

FRANCAIS

ESPAÑOL

<p>1. Wood pulp for making paper and paperboard, total:</p> <p>1.1. Mechanical of which: hardwood</p> <p>1.2. Chemi-mechanical and semi-chemical of which: hardwood</p> <p>1.3. Chemical, total :</p> <p>1.3.1. Unbleached sulphite of which : hardwood</p> <p>1.3.2. Bleached and semibleached sulphite of which : hardwood</p> <p>1.3.3. Unbleached sulphate and soda of which : hardwood</p> <p>1.3.4. Bleached and semibleached sulphate and soda of which : hardwood</p> <p>2. Other fibre pulp for making paper and paperboard, total:</p> <p>2.1. Straw</p> <p>2.2. Bagasse</p> <p>2.3. Bamboo</p> <p>2.4. Other (reeds, esparto, rags, etc)</p> <p>3. Dissolving pulp (wood and other fibre raw materials) of which : hardwood</p>	<p>Total des pâtes de bois pour la fabrication des papiers et cartons</p> <p>Pâte mécanique dont: bois feuillus</p> <p>Pâte chimico-mécanique et mi-chimique dont : bois feuillus</p> <p>Pâtes chimiques :</p> <p>Pâte au bisulfite écrue dont : bois feuillus</p> <p>Pâte au bisulfite mi-blanchie et blanchie dont : bois feuillus</p> <p>Pâte au sulfite écrue et à la soude dont : bois feuillus</p> <p>Pâte au sulfite mi-blanchie et blanchie et à la soude dont : bois feuillus</p> <p>Total des pâtes d'autres matières pour la fabrication des papiers et cartons:</p> <p>Pâte de paille</p> <p>Pâte de bagasse</p> <p>Pâte de bambou</p> <p>Autres (roseaux, alfa, chiffons, linters de coton, etc)</p> <p>Pâte à dissoudre (bois et autres matières fibreuses) dont : bois feuillus</p>	<p>Total des pasta de madera para papel y carton:</p> <p>Mecánica de la cual : madera frondosa</p> <p>Mecanico-quimica y semi-quimica de la cual : madera frondosa</p> <p>Quimica:</p> <p>Al sulfito, sin blanquear de la cual: madera frondosa</p> <p>Al sulfito semi-blanqueada y blanqueada de la cual: madera frondosa</p> <p>Al sulfato, sin blanquear y a la soa de la cual : madera frondosa</p> <p>Al sulfato semi-blanqueada y blanqueada y a la soa de la cual : madera frondosa</p> <p>Total de otras pastas fibrosas para papel y carton</p> <p>De paja</p> <p>De bagazo</p> <p>De bambú</p> <p>De otras materias (cañizos, esparto, trapos, borra de algodón, etc)</p> <p>Pasta soluble (de madera y otras materias fibrosas) de la cual : madera frondosa</p>
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PAPER AND PAPERBOARD TERMINOLOGY

ENGLISH

FRANCAIS

ESPAÑOL

1. Paper and Paperboard, total :	Total papiers et cartons :	Total de papel y cartón:
1.1. Newsprint	Papier journal	Papel para periódicos
1.2. Other printing and writing paper, total :	Autres papiers d'impression et d'écriture	Otros papeles de imprenta y escribir
1.2.1. Wood containing	Avec bois	Con pasta mecanica
1.2.2. Wood free	Sans bois	Sin pasta mecanica
1.3. Other paper and paperboard, total :	Autres papiers et cartons :	Otros papeles y cartones :
1.3.1. Household and sanitary paper	Papiers à usage domestique et hygiénique	Para usos caseros y sanitarios
1.3.2. Fluting paper and paperboard	Cannelure	Para acanalar
1.3.3. Kraft paper and paperboard, total :	Papiers et cartons kraft :	Papeles y cartones kraft :
1.3.3.1. Kraft liner	Couverture kraft pour carton ondulé	Para forros
1.3.3.2. Sack kraft	Papier kraft pour sacs	Para sacos
1.3.3.3. Other kraft paper and paperboard	Autres papiers et cartons kraft	Otros papeles y cartones kraft
1.3.4. Folding boxboard, total :	Cartons pour boîtes pliantes :	Cartones sólidos para cajas plegables :
1.3.4.1. Solid bleached board	Carton blan chi	Carton sólido blanqueado
1.3.4.2. Other folding boxboard	Autres cartons pour boîtes pliantes	Otros cartones sólidos para cajas plegables
1.3.5. Other paper and paperboard, not elsewhere specified, total :	Autres papiers et cartons, non déterminés ailleurs :	Otros papeles y cartones, no especificado anteriormente :
1.3.5.1. Paper, n. e. s.	Autres papiers n. d. a.	Otros papeles, n. e. a.
1.3.5.2. Paperboard, n. e. s.	Autres cartons n. d. a.	Otros cartones, n. e. a.

DEFINITIONS

Practical Maximum Capacity, as defined for this survey, is the tonnage of paper, paperboard or pulp of normal commercial quality that could be produced per annum with full use of equipment and adequate supplies of raw materials and labor, and assuming full demand. No allowance is made for losses due to unscheduled shutdowns, strikes, temporary lack of power, etc., which cause decreases in actual production, but not in production capacity. Capacity of paper machines which produce more than one grade is apportioned in accordance with actual production patterns or plans for future operation.

Capacity is reported in metric tons of net finished paper and paperboard, and air-dry (10% moisture content) pulp. Bleaching losses in producing bleached or semi-bleached pulp are taken into account.

Changes in capacity should be included only for the portion of the year in which they are actually effective.

For new mills data should reflect the fact that full capacity is only reached after a certain time of operation. Example : first 12 months 70%, next 12 months 90%, then 100%.

Capacity of machinery which has been closed down mainly for economic reasons, with no intention of resuming production, should not be reported.

DEFINITIONS

Aux fins de cette enquête, la capacité maximum pratique est égale au tonnage de papier, carton ou pâte de qualité commerciale normale que l'on peut produire annuellement en utilisant pleinement le matériel, en disposant de matières premières et de la main-d'oeuvre en quantité suffisante, étant admis qu'il existe une pleine demande. On ne tient pas compte des pertes dues à des fermetures imprévues, aux grèves, à un manque temporaire de source d'énergie, etc, qui font baisser la production réelle mais non la capacité de production. La capacité des machines à papier produisant plusieurs qualités est calculée en fonction des régimes de production réelle ou des prévisions concernant le fonctionnement futur.

La capacité est exprimée en tonnes de papier et carton finis nets et de pâte séchée à l'air (10% d'humidité). On tient compte des pertes dues au blanchiment dans la fabrication de la pulpe blanchie ou semi-blanchie.

Les changements de capacité ne doivent figurer que pour la partie de l'année où ils se produisent effectivement.

En ce qui concerne les nouvelles usines, les données doivent tenir compte du fait que la pleine capacité n'est atteinte qu'après un certain temps de fonctionnement. Exemple : les 12 premiers mois 70%, les 12 mois suivant 90%, ensuite 100%.

Il ne faut pas déclarer la capacité des machines qui ont été arrêtées pour des raisons essentiellement économiques, sans qu'on ait l'intention de reprendre la production.

DEFINICIONES

Capacidad máxima práctica, para los efectos de la presente encuesta, es el número de toneladas de papel, cartón y pasta, de la calidad comercial corriente, que se podrían producir al año, aprovechando el equipo al máximo y contando con suficiente materia prima y mano de obra, suponiendo que la demanda es capaz de absorber toda la producción. No se toman en cuenta las diferencias que se puedan producir a causa de paros imprevistos, huelgas, interrupciones de la energía eléctrica, etc., todo lo cual se traduce efectivamente en una disminución de la producción aunque no de la capacidad. Cuando las máquinas producen papeles de varios tipos, se indica la proporción que corresponde a cada uno tanto en la producción actual como en los planes futuros.

La capacidad se expresa en toneladas métricas netas de papel o cartón acabado y de pasta seca al aire (10% de humedad). Se toman en cuenta las pérdidas sufridas, durante el proceso, en la producción de pasta blanqueada o semi-blanqueada.

Los cambios de capacidad deben aplicarse solamente a la parte del año en que surtan efecto.

Tratándose de fábricas nuevas, debe tenerse presente que, solo llegan a producir a plena capacidad, después de encontrarse en funcionamiento por cierto tiempo, como por ejemplo, 70 por ciento en los primeros 12 meses, 90% en los 12 meses siguientes y 100% después.

No se debe tomar en cuenta la capacidad de aquella maquinaria que se haya parado, por motivos económicos, sin intenciones de volverla a poner en marcha.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	19,675	5,639	20,588	6,069	21,370	6,512	21,643	6,681	21,791	21,791	..	..
1.1. Mechanical (b)	8,645	174	8,817	191	8,913	191	8,944	207	8,979	8,979	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	389	-	400	-	409	-	412	-	412	412	..	..
of which : hardwood	..	-	..	-	..	-	..	-	..	..	..	..
1.3. Chemical, total:	10,644	5,465	11,371	5,878	12,048	6,321	12,287	6,474	12,400	12,400	..	..
1.3.1. Unbleached sulphite	2,106	210	2,051	150	2,059	150	2,061	150	2,060	2,060	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	638	383	559	349	639	429	649	439	645	645	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	1,770	376	2,010	363	2,155	363	2,197	363	2,205	2,205	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	6,127	4,496	6,751	5,016	7,195	5,379	7,380	5,522	7,490	7,490	..	..
of which : hardwood	817	652	837	658	910	731	953	774	953	953	..	..
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	428	305	376	268	387	279	492	383	533	533	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp. Canadian pulp shipments to affiliated U.S.A. companies are not considered market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board. Screenings are not included in total, total all grades of screenings = 60,000 tons/year



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

1 Country: CANADA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	13,364	13,931	14,351	14,512	14,512	14,512
1.1. Newsprint	9,179	9,248	9,435	9,489	9,489	9,489
1.2. Other printing and writing paper, total:	1,185	1,244	1,266	1,291	1,291	1,291
1.2.1. Wood containing (b)	499	551	567	590	590	590
1.2.2. Wood free (c)	686	693	699	701	701	701
1.3. Other paper and paperboard, total: (a)	3,000	3,439	3,650	3,732	3,732	3,732
1.3.1. Household and sanitary paper	327	336	337	338	338	338
1.3.2. Fluting paper and paperboard	433	435	445	448	448	448
1.3.3. Kraft paper and paperboard, total:	1,318	1,667	1,814	1,863	1,863	1,863
1.3.3.1. Kraft liner	741	1,070	1,208	1,254	1,254	1,254
1.3.3.2. Sack kraft	267	274	285	288	288	288
1.3.3.3. Other kraft paper and paperboard	310	323	321	321	321	321
1.3.4. Folding boxboard, total:	330	346	352	355	355	355
1.3.4.1. Solid bleached board	92	92	93	93	93	93
1.3.4.2. Other folding boxboard	238	254	259	262	262	262
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	592	655	702	728	728	728
1.3.5.1. Paper, n. e. s.	184	206	215	218	218	218
1.3.5.2. Paperboard, n. e. s. (a)	408	449	487	510	510	510

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976	1977
	Total capacity/ market pulp (a)	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	Total capacity
-----Rated capacity in 1,000 metric tons per annum, air dry -----										
1. Wood pulp for making paper and paperboard, total: (b)	39,432	3,525	40,485	3,660	40,907	3,630	41,413	3,685	41,769	42,027
1.1. Mechanical (b)	4,214	35	4,284	40	4,381	45	4,447	45	4,466	4,504
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	3,519	220	3,613	250	3,723	260	3,818	260	3,824	3,824
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.3. Chemical, total:	31,699	3,270	32,588	3,370	32,803	3,325	33,148	3,380	33,479	33,999
1.3.1. Unbleached sulphite	356	20	359	20	361	20	365	20	366	366
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	1,769	450	1,759	450	1,757	455	1,744	460	1,745	1,745
of which : hardwood	..	15	..	15	..	15	..	20	..	..
1.3.3. Unbleached sulphate and soda	16,024	150	16,315	150	16,417	150	16,702	150	17,008	17,228
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	13,550	2,650	14,155	2,750	14,268	2,700	14,337	2,750	14,360	14,360
of which : hardwood	5,391	1,200	5,789	1,300	5,868	1,250	5,908	1,300	5,915	5,915
2. Other fibre pulp for making paper and paperboard, total:	1,000	-	1,000	-	1,000	-	1,000	-	1,000	1,000
2.1. Straw	..	-	..	-	..	-	..	-	..	..
2.2. Bagasse	..	-	..	-	..	-	..	-	..	..
2.3. Bamboo	..	-	..	-	..	-	..	-	..	..
2.4. Other (reeds, esparto, rag, etc.)	..	-	..	-	..	-	..	-	..	..
3. Dissolving pulp (wood and other fibre raw materials)	1,609	1,600	1,738	1,730	1,743	1,740	1,749	1,745	1,759	1,759
of which : hardwood	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

2 Country: USA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	52,464	53,510	54,344	55,381	55,965	56,359
1.1. Newsprint	3,154	3,182	3,268	3,400	3,444	3,492
1.2. Other printing and writing paper, total:	11,211	11,397	11,497	11,662	11,805	11,936
1.2.1. Wood containing (b)	1,243	1,304	1,327	1,362	1,380	1,380
1.2.2. Wood free (c)	9,968	10,093	10,170	10,300	10,425	10,556
1.3. Other paper and paperboard, total: (a)	38,099	38,931	39,579	40,319	40,716	40,931
1.3.1. Household and sanitary paper	4,170	4,247	4,305	4,324	4,325	4,325
1.3.2. Fluting paper and paperboard	4,714	4,865	5,095	5,279	5,363	5,419
1.3.3. Kraft paper and paperboard, total:	15,870	16,285	16,455	16,880	17,163	17,322
1.3.3.1. Kraft liner	11,410	11,750	11,880	12,233	12,482	12,618
1.3.3.2. Sack kraft	4,460	4,535	4,575	4,647	4,681	4,704
1.3.3.3. Other kraft paper and paperboard (d)	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	5,585	5,644	5,703	5,734	5,747	5,747
1.3.4.1. Solid bleached board	3,115	3,241	3,280	3,304	3,313	3,313
1.3.4.2. Other folding boxboard	2,470	2,403	3,423	2,430	2,434	2,434
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	7,760	7,890	8,021	8,102	8,118	8,118
1.3.5.1. Paper, n.e.s.	3,654	3,727	3,791	3,844	3,856	3,856
1.3.5.2. Paperboard, n.e.s. (a)	4,106	4,163	4,230	4,258	4,262	4,262

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.
- (d) Included in sack kraft.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

3 Country: ARGENTINA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	341	25	450	25	510	25	510	25	667	25	810	25
1.1. Mechanical (b)	55	15	55	15	55	15	55	15	163	15	218	15
of which : hardwood	55	15	55	15	55	15	55	15	163	15	186	15
1.2. Chemi-mechanical and semi-chemical	109	10	120	10	125	10	125	10	140	10	176	10
of which : hardwood	109	10	120	10	125	10	125	10	140	10	176	10
1.3. Chemical, totals	177	-	275	-	330	-	330	-	364	-	416	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	43	-	43	-	43	-	43	-	43	-	43	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	77	-	154	-	177	-	177	-	177	-	245	-
of which : hardwood	20	-	50	-	55	-	55	-	55	-	75	-
1.3.4. Bleached and semibleached sulphate and soda	57	-	78	-	110	-	144	-	145	-	150	-
of which : hardwood	57	-	78	-	90	-	100	-	44	-	45	-
2. Other fibre pulp for making paper and paperboard, total:	53	-	55	-	75	-	85	-	85	-	95	-
2.1. Straw	..	-	..	-	..	-	..	-	..	-	..	-
2.2. Bagasse	40	-	45	-	65	-	75	-	75	-	75	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	..	-	..	-	..	-	..	-	..	-	..	-
3. Dissolving pulp (wood and other fibre raw materials)	10	..	10	..	10	..	10	..	10	..	10	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	780	857	929	1,004	1,147	1,290
1.1. Newsprint	-	-	-	-	120	180
1.2. Other printing and writing paper, total:	153	160	175	220	220	250
1.2.1. Wood containing (b)	32	36	46	61	61	90
1.2.2. Wood free (c)	121	124	129	159	159	160
1.3. Other paper and paperboard, total: (a)	627	697	754	784	807	860
1.3.1. Household and sanitary paper	45	50	50	55	55	55
1.3.2. Fluting paper and paperboard	67	67	70	70	73	80
1.3.3. Kraft paper and paperboard, total:	195	240	264	269	269	285
1.3.3.1. Kraft liner	110	110	119	119	119	130
1.3.3.2. Sack kraft	75	100	105	105	105	105
1.3.3.3. Other kraft paper and paperboard	10	30	40	45	45	50
1.3.4. Folding boxboard, total:	60	70	80	100	100	110
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	260	270	290	290	310	330
1.3.5.1. Paper, n. e. s.	120	120	140	140	150	160
1.3.5.2. Paperboard, n. e. s. (a)	140	150	150	150	160	170

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976	1977
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	Total capacity
-----Rated capacity in 1,000 metric tons per annum, air dry -----										
4. Country BOLIVIA										
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	0.7	-	0.7	-	0.7	-	0.7	-	10.7	10.7
2.1. Straw	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	10	10
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	0.7	-	0.7	-	0.7	-	0.7	-	0.7	0.7
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

4 Country: BOLIVIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1.5	1.5	1.5	1.5	21.5	21.5
1.1. Newsprint	-	-	-	-	10	10
1.2. Other printing and writing paper, total:	-	-	-	-	7	7
1.2.1. Wood containing (b)	-	-	-	-	..	..
1.2.2. Wood free (c)	-	-	-	-	..	..
1.3. Other paper and paperboard, total: (a)	1.5	1.5	1.5	1.5	4.5	4.5
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	3.0	3.0
1.3.3.1. Kraft liner	-	-	-	-	..	..
1.3.3.2. Sack kraft	-	-	-	-	..	..
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1.5	1.5	1.5	1.5	1.5	1.5
1.3.5.1. Paper, n.e.s.	0.5	0.5	0.5	0.5	0.5	0.5
1.3.5.2. Paperboard, n.e.s. (a)	1.0	1.0	1.0	1.0	1.0	1.0

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



PART 1 : PULP CAPACITY

5 Country BRAZIL

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total; (b)	1,133	384	1,238	453	1,493	635	1,764	794	2,015	2,456		
1.1. Mechanical (b)	108	42	108	42	111	42	111	42	111	111		
of which : hardwood	3	-	3	-	3	-	3	-	3	3		
1.2. Chemi-mechanical and semi-chemical	120	-	125	-	125	-	150	-	157	157		
of which : hardwood	88	-	88	-	88	-	88	-	88	88		
1.3. Chemical, total	905	342	1,005	411	1,257	593	1,503	752	1,747	2,188		
1.3.1. Unbleached sulphite	45	9	45	9	45	9	70	14	152	152		
of which : hardwood	2	-	2	-	2	-	2	-	2	2		
1.3.2. Bleached and semibleached sulphite	54	3	54	3	54	3	54	3	54	54		
of which : hardwood	15	-	15	-	15	-	15	-	15	15		
1.3.3. Unbleached sulphate and soda	458	160	510	199	534	219	536	219	536	536		
of which : hardwood	240	130	279	169	299	189	299	189	299	299		
1.3.4. Bleached and semibleached sulphate and soda	348	170	396	200	624	362	843	516	1,005	1,446		
of which : hardwood	341	140	389	170	617	332	836	486	998	998		
2. Other fibre pulp for making paper and paperboard, total:	58	-	103	-	116	-	148	-	155	155		
2.1. Straw	-	-	-	-	-	-	-	-	-	-		
2.2. Bagasse	39	-	54	-	58	-	61	-	61	61		
2.3. Bamboo	7	-	7	-	7	-	32	-	39	39		
2.4. Other (reeds, esparto, rags, etc.)	12	-	42	-	51	-	55	-	55	55		
3. Dissolving pulp (wood and other fibre raw materials)	142	70	142	84	142	92	156	92	156	156		
of which : hardwood	100	70	100	84	100	92	100	92	100	100		

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding dehydrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1,592	1,964	2,208	2,363	2,388	2,391
1.1. Newsprint	127	127	127	127	127	127
1.2. Other printing and writing paper, total:	438	507	554	569	574	574
1.2.1. Wood containing (b)	44	51	55	57	57	57
1.2.2. Wood free (c)	394	456	499	512	517	517
1.3. Other paper and paperboard, total: (a)	1,027	1,330	1,527	1,667	1,687	1,690
1.3.1. Household and sanitary paper	78	97	122	130	132	132
1.3.2. Fluting paper and paperboard	115	140	147	151	151	151
1.3.3. Kraft paper and paperboard, total:	336	367	446	466	484	484
1.3.3.1. Kraft liner	146	177	249	269	279	279
1.3.3.2. Sack kraft	120	120	120	120	120	120
1.3.3.3. Other kraft paper and paperboard	70	70	77	77	85	85
1.3.4. Folding boxboard, total:	94	194	223	238	238	238
1.3.4.1. Solid bleached board	6	6	6	6	6	6
1.3.4.2. Other folding boxboard	88	188	217	232	232	232
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	404	532	589	682	682	685
1.3.5.1. Paper, n. e. s.	291	312	337	408	408	411
1.3.5.2. Paperboard, n. e. s. (a)	113	220	252	274	274	274

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

6 Country CHILE

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	404	110	489	190	660	350	714	370	714	714	714	714
1.1. Mechanical (b)	149	-	149	-	160	-	164	-	164	164	164	164
of which : hardwood	..	-	..	-	..	-	..	-	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	255	110	340	190	500	350	550	370	550	550	550	550
1.3.1. Unbleached sulphite	15	-	15	-	15	-	15	-	15	15	15	15
of which : hardwood	..	-	..	-	..	-	..	-	..	..	..	..
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	160	70	160	70	285	205	335	230	335	335	335	335
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	80	40	165	120	200	145	200	140	200	200	200	200
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

6 Country: CHILE

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	296	296	346	364	364	364
1.1. Newsprint	131	131	131	131	131	131
1.2. Other printing and writing paper, total:	55	55	55	55	55	55
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	110	110	160	178	178	178
1.3.1. Household and sanitary paper	15	15	40	49	49	49
1.3.2. Fluting paper and paperboard	18	18	18	18	18	18
1.3.3. Kraft paper and paperboard, total:	35	35	35	35	35	35
1.3.3.1. Kraft liner	17	17	17	17	17	17
1.3.3.2. Sack kraft	18	18	18	18	18	18
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	15	15	40	49	49	49
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	15	15	40	49	49	49
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	27	27	27	27	27	27
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.

PART 1 : PULP CAPACITY



7 Country COLOMBIA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	87	-	87	-	121	-	145	-	152	-	152	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	37	-	37	-	41	-	50	-	52	-	52	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3. Chemical, total:	50	-	50	-	80	-	95	-	100	-	100	-
1.3.1. Unbleached sulphite	-	-	-	-	30	-	30	-	30	-	30	-
of which : hardwood	-	-	-	-	..	-	..	-	..	-	..	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	50	-	50	-	50	-	65	-	70	-	70	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	104	-	104	-	132	-	154	-	160	-	162	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	100	-	100	-	128	-	150	-	156	-	158	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	4	-	4	-	4	-	4	-	4	-	4	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

7 Country: COLOMBIA

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	303	330	370	439	472	485
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	65	65	65	86	92	95
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	65	65	65	86	92	95
1.3. Other paper and paperboard, total: (a)	238	265	305	353	380	390
1.3.1. Household and sanitary paper	18	25	30	35	35	35
1.3.2. Fluting paper and paperboard	32	35	40	61	67	70
1.3.3. Kraft paper and paperboard, total:	116	128	158	180	195	200
1.3.3.1. Kraft liner	50	55	70	84	90	92
1.3.3.2. Sack kraft	66	73	88	96	105	108
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	41	41	41	41	44	45
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	31	36	36	36	39	40
1.3.5.1. Paper, n. e. s.	19	21	21	21	22	23
1.3.5.2. Paperboard, n. e. s. (a)	12	15	15	15	17	17

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	7	7	7	12	12	12
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	7	7	7	12	12	12
1.3.1. Household and sanitary paper	7	7	7	12	12	12
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	-	-	-	-	-
1.3.5.1. Paper, n. e. s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

9 Country: CUBA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	57	-	57	-	57	-	57	-	57	-	57	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	57	-	57	-	57	-	57	-	57	-	57	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

9 Country: CUBA

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	136	136	163	165	165	165
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	42	42	42	42	42	42
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	94	94	121	123	123	123
1.3.1. Household and sanitary paper	6	6	6	6	6	6
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	88	88	115	117	117	117
1.3.5.1. Paper, n. e. s.	70	70	97	99	99	99
1.3.5.2. Paperboard, n. e. s. (a)	18	18	18	18	18	18

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

10 Country: DOMINICAN REPUBLIC

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	18	39	48	48	48	48
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	5	5	5	5	5	5
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	13	34	43	43	43	43
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	13	34	43	43	43	43
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

11 Country: ECUADOR

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	13	-	18	-	18	-	18	-	18	-	18	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	13	-	18	-	18	-	18	-	18	-	18	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

11 Country: ECUADOR

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	15	34	39	41	41	41
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	1	5	6	6	6	6
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	14	29	33	35	35	35
1.3.1. Household and sanitary paper	3	3	3	3	3	3
1.3.2. Fluting paper and paperboard	1	12	14	16	16	16
1.3.3. Kraft paper and paperboard, total:	7	7	7	7	7	7
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	1	2	2	2	2
1.3.4.1. Solid bleached board	-	..	..	..	..	..
1.3.4.2. Other folding boxboard	-	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	3	6	7	7	7	7
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

12 Country: EL SALVADOR

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	16	16	16	16	16	16
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	16	16	16	16	16	16
1.3.1. Household and sanitary paper	6	6	6	6	6	6
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	10	10	10	10	10	10
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

13 Country: GUATEMALA

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	8	-	8	-	8	-	8	-	8	-	8	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	8	-	8	-	8	-	8	-	8	-	8	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	8	-	8	-	8	-	8	-	8	-	8	-
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	2	-	2	-	2	-	2	-	2	-	2	-
2.1. Straw	..	..	..	..	..	..	..	..	..	..	..	..
2.2. Bagasse	..	..	..	..	..	..	..	..	..	..	..	..
2.3. Bamboo	..	..	..	..	..	..	..	..	..	..	..	..
2.4. Other (reeds, esparto, rags, etc.)	..	..	..	..	..	..	..	..	..	..	..	..
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

13 Country: GUATEMALA

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum-----						
1. Paper and Paperboard, total: (a)	29	41	44	46	46	46
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	8	15	17	18	18	18
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	21	26	27	28	28	28
1.3.1. Household and sanitary paper	2	3	3	4	4	4
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	13	15	16	16	16	16
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	6	8	8	8	8	8
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

14 Country: JAMAICA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	15	17	17	17	17	17
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	15	17	17	17	17	17
1.3.1. Household and sanitary paper	3	3	3	3	3	3
1.3.2. Fluting paper and paperboard	12	14	14	14	14	14
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	-	-	-	-	-
1.3.5.1. Paper, n. e. s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

15 Country: MEXICO

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	424	127	430	135	457	143	590	240	670	670	670	670
1.1. Mechanical (b)	70	-	70	-	70	-	76	-	76	76	76	76
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	354	127	360	135	387	143	514	240	594	594	594	594
1.3.1. Unbleached sulphite	22	-	22	5	35	8	42	10	42	42	42	42
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	12	-	12	-	12	-	12	-	12	12	12	12
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	220	67	226	70	230	70	250	90	280	280	280	280
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	100	60	100	60	110	65	210	140	260	260	260	260
of which : hardwood	5	-	5	-	5	-	60	-	70	70	70	70
2. Other fibre pulp for making paper and paperboard, total:	176	93	185	98	200	98	360	105	360	360	360	360
2.1. Straw	20	10	20	10	35	10	35	15	35	35	35	35
2.2. Bagasse	136	75	145	80	145	80	300	80	300	300	300	300
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	20	8	20	8	20	8	25	10	25	25	25	25
3. Dissolving pulp (wood and other fibre raw materials)	17	-	17	-	17	-	20	-	20	20	20	20
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

15 Country: MEXICO

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	1,150	1,200	1,400	1,600	1,700	1,800
1.1. Newsprint	50	50	50	150	250	250
1.2. Other printing and writing paper, total:	200	240	255	310	310	335
1.2.1. Wood containing (b)	30	40	40	60	60	60
1.2.2. Wood free (c)	170	200	215	250	250	275
1.3. Other paper and paperboard, total: (a)	900	910	1,095	1,140	1,140	1,215
1.3.1. Household and sanitary paper	75	85	120	120	120	130
1.3.2. Fluting paper and paperboard	125	125	140	140	140	155
1.3.3. Kraft paper and paperboard, total:	480	480	585	630	630	650
1.3.3.1. Kraft liner	260	260	325	340	340	340
1.3.3.2. Sack kraft	105	105	120	135	135	140
1.3.3.3. Other kraft paper and paperboard	115	115	140	155	155	170
1.3.4. Folding boxboard, total:	170	170	185	185	185	200
1.3.4.1. Solid bleached board	30	30	35	35	35	50
1.3.4.2. Other folding boxboard	140	140	145	145	145	150
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	50	50	65	65	65	80
1.3.5.1. Paper, n. e. s.	45	45	55	55	55	60
1.3.5.2. Paperboard, n. e. s. (a)	5	5	10	10	10	20

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

16 Countries PANAMA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	28	28	28	28	28	28
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	28	28	28	28	28	28
1.3.1. Household and sanitary paper	5	5	5	5	5	5
1.3.2. Fluting paper and paperboard	20	20	20	20	20	20
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	3	3	3	3	3	3
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

17 Country: PARAGUAY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	1.2	1.2	1.2	1.2	1.2	1.2
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	1.2	1.2	1.2	1.2	1.2	1.2
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1.2	1.2	1.2	1.2	1.2	1.2
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

18 Country: PERU	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	15		15	15	-	15	-	15	-	15	-	15
1.1. Mechanical (b)	-		-	-	-	-	-	-	-	-	-	-
of which : hardwood	-		-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-		-	-	-	-	-	-	-	-	-	-
of which : hardwood	-		-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	15		15	15	-	15	-	15	-	15	-	15
1.3.1. Unbleached sulphite	-		-	-	-	-	-	-	-	-	-	-
of which : hardwood	-		-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-		-	-	-	-	-	-	-	-	-	-
of which : hardwood	-		-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	15		15	15	-	15	-	15	-	15	-	15
of which : hardwood	..		..	..	-	..	-	..	-	..	-	..
1.3.4. Bleached and semibleached sulphate and soda	-		-	-	-	-	-	-	-	-	-	-
of which : hardwood	-		-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	123		123	123	-	123	-	123	-	123	-	123
2.1. Straw	-		-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	123		123	123	-	123	-	123	-	123	-	123
2.3. Bamboo	-		-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-		-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-		-	-	-	-	-	-	-	-	-	-
of which : hardwood	-		-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

18 Country: PERU

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	225	225	225	238	238	238
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	37	37	37	37	37	37
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	37	37	37	37	37	37
1.3. Other paper and paperboard, total: (a)	188	188	188	201	201	201
1.3.1. Household and sanitary paper	21	21	21	21	21	21
1.3.2. Fluting paper and paperboard	55	55	55	55	55	55
1.3.3. Kraft paper and paperboard, total:	84	84	84	84	84	84
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	7	7	7	18	18	18
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	21	21	21	23	23	23
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
19 Country: PUERTO RICO	-	-	-	-	-	-	-	-	-	-	-	-
1. Wood pulp for making paper and paperboard, totals (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	35	-	75	-	85	-	90	-	90	-	90	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	35	-	75	-	85	-	90	-	90	-	90	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

19 Country: PUERTO RICO

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	57	98	110	116	120	120
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	16	21	23	25	25
1.2.1. Wood containing (b)	-	...	...	...	...	...
1.2.2. Wood free (c)	-	...	...	...	...	...
1.3. Other paper and paperboard, total: (a)	57	82	89	93	95	95
1.3.1. Household and sanitary paper	10	10	10	10	10	10
1.3.2. Fluting paper and paperboard	47	47	47	47	47	47
1.3.3. Kraft paper and paperboard, total:	-	25	32	36	38	38
1.3.3.1. Kraft liner	-	...	...	...	...	...
1.3.3.2. Sack kraft	-	...	...	...	...	...
1.3.3.3. Other kraft paper and paperboard	-	...	...	...	...	...
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	-	-	-	-	-
1.3.5.1. Paper, n.e.s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n.e.s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
20 Country: URUGUAY	8	-	18	-	21	-	23	-	23	-	23	-
1. Wood pulp for making paper and paperboard, totals (b)	3	-	3	-	3	-	3	-	3	-	3	-
1.1. Mechanical (b)	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	5	-	5	-	5	-	5	-	5	-	5	-
1.2. Chemi-mechanical and semi-chemical	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	-	-	10	-	13	-	15	-	15	-	15	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	10	-	13	-	15	-	15	-	15	-
of which : hardwood	-	-	..	-	..	-	..	-	..	-	..	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	6	-	6	-	6	-	6	-	6	-	6	-
2.1. Straw	6	-	6	-	6	-	6	-	6	-	6	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

20 Country: URUGUAY

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum-----						
1. Paper and Paperboard, total: (a)	56	56	56	56	56	56
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	19	19	19	19	19	19
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	37	37	37	37	37	37
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	37	37	37	37	37	37
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

Country: VENEZUELA

21

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	360
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	360
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	53	-	58	-	148	-	168	-	168	-	168	168
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	50	-	55	-	145	-	165	-	165	-	165	165
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reed, esparto, rags, etc.)	3	-	3	-	3	-	3	-	3	-	3	3
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

21

Country: VENEZUELA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	371	381	487	629	629	629
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	30	40	55	61	61	61
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	341	341	432	568	568	568
1.3.1. Household and sanitary paper	66	66	66	81	81	81
1.3.2. Fluting paper and paperboard	31	31	45	59	59	59
1.3.3. Kraft paper and paperboard, total:	174	174	224	283	283	283
1.3.3.1. Kraft liner	71	71	81	131	131	131
1.3.3.2. Sack kraft	39	42	48	57	57	57
1.3.3.3. Other kraft paper and paperboard	64	61	95	95	95	95
1.3.4. Folding boxboard, total:	57	57	81	121	121	121
1.3.4.1. Solid bleached board	4	5	7	9	9	9
1.3.4.2. Other folding boxboard	53	52	74	112	112	112
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	13	13	16	24	24	24
1.3.5.1. Paper, n. e. s.	8	8	11	14	14	14
1.3.5.2. Paperboard, n. e. s. (a)	5	5	5	10	10	10

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

22 Country AUSTRIA

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	848	160	865	156	890	146	950	136	975	775	136	985
1.1. Mechanical (b)	207	5	210	5	210	5	210	5	210	210	5	210
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	68	6	70	6	75	6	85	6	85	85	6	85
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3. Chemical, totals	573	149	585	145	605	135	655	125	680	680	125	690
1.3.1. Unbleached sulphite	33	14	35	10	30	10	45	10	45	45	10	45
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	375	104	380	100	400	90	430	80	450	450	80	455
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	157	26	160	30	165	30	170	30	175	175	30	180
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	8	5	10	5	10	5	10	5	10	10	5	10
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	91	89	100	95	100	95	100	95	100	100	95	100
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

22 Country: AUSTRIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1,191	1,295	1,365	1,397	1,440	1,475
1.1. Newsprint	141	150	150	150	150	150
1.2. Other printing and writing paper, total:	520	555	595	620	640	665
1.2.1. Wood containing (b)	164	175	175	180	180	185
1.2.2. Wood free (c)	356	380	420	440	460	480
1.3. Other paper and paperboard, total: (a)	530	590	620	627	650	660
1.3.1. Household and sanitary paper	51	70	75	75	80	85
1.3.2. Fluting paper and paperboard	83	85	90	90	95	95
1.3.3. Kraft paper and paperboard, total:	146	165	180	182	190	190
1.3.3.1. Kraft liner	40	55	65	65	70	70
1.3.3.2. Sack kraft	58	60	62	64	65	65
1.3.3.3. Other kraft paper and paperboard	48	50	53	53	55	55
1.3.4. Folding boxboard, total:	134	150	155	160	165	170
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	116	120	120	120	120	120
1.3.5.1. Paper, n. e. s.	73	75	75	75	75	75
1.3.5.2. Paperboard, n. e. s. (a)	43	45	45	45	45	45

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.

PART 1 : PULP CAPACITY

23 Country: BELGIUM/LUXEMBOURG

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	450	195	454	199	454	200	454	200	454	454	454	454
1.1. Mechanical (b)	190	-	190	-	190	-	190	-	190	190	190	190
of which : hardwood	..	-	..	-	..	-	..	-	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	260	195	264	199	264	200	264	200	264	264	264	264
1.3.1. Unbleached sulphite	16	2	15	2	14	2	14	2	14	14	14	14
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	24	3	25	3	26	4	26	4	26	26	26	26
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	30	-	30	-	30	-	30	-	30	30	30	30
of which : hardwood	..	-	..	-	..	-	..	-	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	190	190	194	194	194	194	194	194	194	194	194	194
of which : hardwood	190	190	194	194	194	194	194	194	194	194	194	194
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
23 Country: BELGIUM/LUXEMBOURG						
1. Paper and Paperboard, total: (a)	791	809	860	925	965	974
1.1. Newsprint	115	111	111	111	111	111
1.2. Other printing and writing paper, total:	370	386	422	456	466	472
1.2.1. Wood containing (b)	219	224	226	227	229	229
1.2.2. Wood free (c)	151	162	196	229	237	243
1.3. Other paper and paperboard, total: (a)	306	312	327	358	388	391
1.3.1. Household and sanitary paper	56	57	59	75	98	101
1.3.2. Fluting paper and paperboard	6	6	6	6	6	6
1.3.3. Kraft paper and paperboard, total:	46	50	53	57	57	57
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	3	3	4	4	4	4
1.3.3.3. Other kraft paper and paperboard	63	67	69	73	73	73
1.3.4. Folding boxboard, total:	43	42	42	42	42	42
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	43	42	42	42	42	42
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	135	137	147	158	165	165
1.3.5.1. Paper, n. e. s.	109	111	117	128	130	130
1.3.5.2. Paperboard, n. e. s. (a)	26	26	30	30	35	35

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	132	125	132	125	132	125	132	125	132	125	132	125
1.1. Mechanical (b)	7	-	7	-	7	-	7	-	7	-	7	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	125	125	125	125	125	125	125	125	125	125	125	125
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	42	22	43	23	48	28	50	30	50	30	50	30
2.1. Straw	22	22	23	23	28	28	30	30	30	30	30	30
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	20	-	20	-	20	-	20	-	20	-	20	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

24 Country: DENMARK

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	263	267	269	271	271	271
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	95	102	105	107	107	107
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	168	165	164	164	164	164
1.3.1. Household and sanitary paper	14	14	14	14	14	14
1.3.2. Fluting paper and paperboard	59	59	59	59	59	59
1.3.3. Kraft paper and paperboard, total:	26	26	26	26	26	26
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	26	26	26	26	26	26
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	69	66	65	65	65	65
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (c)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



PART 1 : PULP CAPACITY

25 Country: FINLAND

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	7,370	2,395	7,525	2,340	7,690	2,310	7,885	2,405	8,010	2,405	8,335	2,405
1.1. Mechanical (b)	2,350	90	2,490	80	2,590	70	2,650	60	2,750	60	2,930	60
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	420	20	440	20	450	20	470	20	480	20	525	20
of which : hardwood	410	20	430	20	440	20	460	20	460	20	460	20
1.3. Chemical, total	4,600	2,285	4,595	2,240	4,650	2,220	4,755	2,326	4,780	2,326	4,880	2,326
1.3.1. Unbleached sulphite	775	400	785	380	810	370	815	370	800	370	780	370
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	575	400	560	380	540	350	540	350	530	350	560	350
of which : hardwood	50	35	50	30	50	30	50	30	50	30	50	30
1.3.3. Unbleached sulphate and soda	1,400	415	1,400	380	1,400	380	1,400	350	1,350	350	1,350	350
of which : hardwood	25	12	25	12	25	15	10	10	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	1,850	1,080	1,850	1,100	1,900	1,120	2,000	1,256	2,100	1,256	2,260	1,256
of which : hardwood	600	450	760	500	720	520	750	556	800	556	850	556
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rag, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Discolouring pulp (wood and other fibre raw materials)	235	235	235	235	235	235	235	235	235	235	235	235
of which : hardwood	100	100	100	100	100	100	100	100	100	100	100	100

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

25 Country: FINLAND

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	5,390	5,785	6,020	6,255	6,500	6,820
1.1. Newsprint	1,580	1,650	1,700	1,770	1,850	1,980
1.2. Other printing and writing paper, total:	1,420	1,615	1,690	1,820	1,870	1,970
1.2.1. Wood containing (b)	1,170	1,355	1,420	1,480	1,510	1,600
1.2.2. Wood free (c)	250	260	270	340	360	370
1.3. Other paper and paperboard, total: (a)	2,390	2,520	2,630	2,665	2,780	2,870
1.3.1. Household and sanitary paper	130	140	145	155	180	200
1.3.2. Fluting paper and paperboard	350	375	375	370	370	370
1.3.3. Kraft paper and paperboard, total: (d)	1,200	1,250	1,340	1,360	1,390	1,430
1.3.3.1. Kraft liner	440	430	440	440	440	440
1.3.3.2. Sack kraft	310	320	310	310	310	310
1.3.3.3. Other kraft paper and paperboard (d)	450	500	590	610	640	680
1.3.4. Folding boxboard, total:	350	375	380	390	420	440
1.3.4.1. Solid bleached board (e)	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	350	375	380	390	420	440
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	360	380	390	390	420	430
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.

(d) Includes solid bleached board.

(e) Included in other kraft paper and paperboard.

PART 1 : PULP CAPACITY

26 Country: FRANCE

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	1,960	690	2,055	720	2,150	720	2,385	795	2,520	795	2,640	800
1.1. Mechanical (b)	500	5	500	5	520	5	540	5	600	5	620	5
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	250	15	290	15	320	15	350	15	375	15	400	15
of which : hardwood	200	-	240	-	270	-	325	-	375	-	400	-
1.3. Chemical, total:	1,210	670	1,265	700	1,310	700	1,495	775	1,545	775	1,620	800
1.3.1. Unbleached sulphite	95	85	80	75	70	65	70	65	70	65	70	70
of which : hardwood	10	10	10	10	10	10	10	10	10	10	10	10
1.3.2. Bleached and semibleached sulphite	175	150	175	150	175	150	225	200	225	200	250	250
of which : hardwood	75	50	75	50	75	50	25	25	25	25	25	25
1.3.3. Unbleached sulphate and soda	440	15	485	15	515	10	550	10	575	10	600	10
of which : hardwood	10	10	10	10	10	10	10	10	10	10	10	10
1.3.4. Bleached and semibleached sulphate and soda	500	420	525	460	550	475	650	500	675	500	700	700
of which : hardwood	350	280	410	320	410	330	430	330	450	330	475	475
2. Other fibre pulp for making paper and paperboard, total:	30	15	30	15	20	10	20	10	20	10	20	20
2.1. Straw	10	-	10	-	10	-	10	-	10	-	10	10
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	20	15	20	15	10	10	10	10	10	10	10	10
3. Dissolving pulp (wood and other fibre raw materials)	120	120	120	120	120	120	120	120	120	120	120	120
of which : hardwood	80	80	80	80	80	80	80	80	80	80	80	80

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

26 Country: FRANCE

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	4,935	5,140	5,330	5,620	5,710	5,820
1.1. Newsprint	390	370	370	350	350	350
1.2. Other printing and writing paper, total:	1,650	1,770	1,865	1,965	1,995	2,050
1.2.1. Wood containing (b)	635	655	660	670	650	635
1.2.2. Wood free (c)	1,015	1,115	1,205	1,295	1,345	1,415
1.3. Other paper and paperboard, total: (a)	2,895	3,000	3,095	3,305	3,365	3,420
1.3.1. Household and sanitary paper	125	130	160	235	260	270
1.3.2. Fluting paper and paperboard	495	505	525	550	560	570
1.3.3. Kraft paper and paperboard, total:	645	675	695	775	785	800
1.3.3.1. Kraft liner	265	270	275	350	355	365
1.3.3.2. Sack kraft	130	130	135	135	135	135
1.3.3.3. Other kraft paper and paperboard	250	275	285	290	295	300
1.3.4. Folding boxboard, total:	285	300	305	310	315	320
1.3.4.1. Solid bleached board	285	300	305	310	315	320
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1,345	1,390	1,410	1,435	1,445	1,460
1.3.5.1. Paper, n.e.s.	1,025	1,055	1,065	1,085	1,090	1,100
1.3.5.2. Paperboard, n.e.s. (a)	320	335	345	350	355	360

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

27 Country: GERMANY, Fed Rep. of

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	1,800	177	1,855	175	1,916	169	1,948	173	1,994	173	1,994	2,067
1.1. Mechanical (b)	1,193	17	1,239	17	1,300	15	1,320	16	1,365	16	1,365	1,433
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	56	-	56	-	56	-	56	-	56	-	56	56
of which : hardwood	56	-	56	-	56	-	56	-	56	-	56	56
1.3. Chemical, totals	551	160	560	158	560	154	572	157	573	157	573	578
1.3.1. Unbleached sulphite	52	27	52	27	49	27	49	27	49	27	49	50
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	499	133	508	131	511	127	523	130	524	130	524	528
of which : hardwood	111	13	114	13	118	13	118	13	119	13	119	119
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	193	151	194	151	194	151	194	151	198	151	198	198
of which : hardwood	149	110	150	110	150	110	150	110	153	110	153	153

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



27 Country GERMANY, Fed Rep of

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	7,022	7,433	7,768	7,933	8,111	8,327
1.1. Newsprint	570	556	565	565	565	565
1.2. Other printing and writing paper, total:	2,446	2,694	2,730	2,734	2,767	2,910
1.2.1. Wood containing (b)	1,608	1,833	1,846	1,841	1,857	2,000
1.2.2. Wood free (c)	838	861	884	893	910	910
1.3. Other paper and paperboard, total: (a)	4,006	4,183	4,473	4,634	4,779	4,852
1.3.1. Household and sanitary paper	385	428	424	426	427	427
1.3.2. Fluting paper and paperboard	72	73	77	81	85	89
1.3.3. Kraft paper and paperboard, total:	262	256	256	266	269	271
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	47	48	48	49	51	52
1.3.3.3. Other kraft paper and paperboard	215	208	208	217	218	219
1.3.4. Folding boxboard, total:	501	552	592	629	603	605
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	2,786	2,874	3,124	3,232	3,395	3,460
1.3.5.1. Paper, n. e. s.	1,824	1,900	2,137	2,217	2,348	2,417
1.3.5.2. Paperboard, n. e. s. (a)	962	974	987	1,015	1,047	1,043

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

28

Country: GREECE

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	25	-	25	-	25	-	25	-	25	-	25	-
2.1. Straw	25	-	25	-	25	-	25	-	25	-	25	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rag, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
28 Country: GREECE						
1. Paper and Paperboard, totals (a)	270	280	295	295	385	415
1.1. Newsprint	-	10	15	15	45	48
1.2. Other printing and writing paper, totals	90	90	90	90	120	130
1.2.1. Wood containing (b)	25	25	25	25	45	49
1.2.2. Wood free (c)	65	65	65	65	75	81
1.3. Other paper and paperboard, totals (a)	180	180	190	190	220	237
1.3.1. Household and sanitary paper	75	75	75	75	100	108
1.3.2. Flating paper and paperboard	10	10	10	10	10	11
1.3.3. Kraft paper and paperboard, total:	11	11	11	11	11	12
1.3.3.1. Kraft liner	5	5	5	5	5	6
1.3.3.2. Sack kraft	3	3	3	3	3	3
1.3.3.3. Other kraft paper and paperboard	3	3	3	3	3	3
1.3.4. Folding board, total:	34	34	39	39	44	48
1.3.4.1. Solid bleached board	4	4	4	4	4	4
1.3.4.2. Other folding board	30	30	35	35	40	44
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	50	50	55	55	55	60
1.3.5.1. Paper, n. e. s.	45	45	50	50	50	54
1.3.5.2. Paperboard, n. e. s. (a)	5	5	5	5	5	5

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

29 Country: IRELAND

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	18	7	18	8	18	8	18	8	18	8	18	18
1.1. Mechanical (b)	18	7	18	8	18	8	18	8	18	8	18	18
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	30	..	32	..	34	..	35	..	35	..	35	35
2.1. Straw	30	..	32	..	34	..	35	..	35	..	35	35
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	Country	Ireland					
		1972	1973	1974	1975	1976	1977
		-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)		126	129	130	130	130	130
1.1. Newsprint	
1.2. Other printing and writing paper, total		19	20	20	20	20	20
1.2.1. Wood containing (b)		5	5	5	5	5	5
1.2.2. Wood free (c)		14	15	15	15	15	15
1.3. Other paper and paperboard, total: (a)		107	109	110	110	110	110
1.3.1. Household and sanitary paper	
1.3.2. Flating paper and paperboard		21	21	21	21	21	21
1.3.3. Kraft paper and paperboard, total:		27	27	27	27	27	27
1.3.3.1. Kraft liner		-	-	-	-	-	-
1.3.3.2. Sack kraft		-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard		27	27	27	27	27	27
1.3.4. Folding board, total:	
1.3.4.1. Solid bleached board	
1.3.4.2. Other folding board	
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)		59	61	62	62	62	62
1.3.5.1. Paper, n.e.s.		18	20	21	21	21	21
1.3.5.2. Paperboard, n.e.s. (a)		41	41	41	41	41	41

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

30 Country: ITALY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	1,160	-	1,195	-	1,255	-	1,315	-	1,380	-	1,380	-
1.1. Mechanical (b)	640	-	655	-	690	-	725	-	760	-	760	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	200	-	210	-	220	-	230	-	240	-	240	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3. Chemical, total:	320	-	330	-	345	-	360	-	380	-	380	-
1.3.1. Unbleached sulphite	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.2. Bleached and semibleached sulphite	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.3. Unbleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.4. Bleached and semibleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
2. Other fibre pulp for making paper and paperboard, total:	420	-	420	-	420	-	420	-	420	-	420	-
2.1. Straw	..	-	..	-	..	-	..	-	..	-	..	-
2.2. Bagasse	..	-	..	-	..	-	..	-	..	-	..	-
2.3. Bamboo	..	-	..	-	..	-	..	-	..	-	..	-
2.4. Other (reeds, esparto, rags, etc.)	..	-	..	-	..	-	..	-	..	-	..	-
3. Dissolving pulp (wood and other fibre raw materials)	80	-	80	-	80	-	80	-	80	-	80	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

30 Country: ITALY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	4,430	4,480	4,650	4,760	5,000	5,000
1.1. Newsprint	490	490	490	500	500	500
1.2. Other printing and writing paper, total:	1,500	1,520	1,560	1,600	1,700	1,700
1.2.1. Wood containing (b)	..	..	...	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	2,440	2,470	2,600	2,660	2,800	2,800
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	415	415	420	450	500	500
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	415	415	420	450	500	500
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	2,025	2,055	2,180	2,210	2,300	2,300
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



PART 1 : PULP CAPACITY

31 Country: NETHERLANDS

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	260	10	255	5	255	5	255	5	255	5	255	5
1.1. Mechanical (b)	215	5	210	-	210	-	210	-	210	-	210	-
of which : hardwood	15	-	15	-	20	-	20	-	20	-	20	-
1.2. Chemi-mechanical and semi-chemical	45	5	45	5	45	5	45	5	45	5	45	5
of which : hardwood	45	5	45	5	45	5	45	5	45	5	45	5
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	254	12	245	12	245	12	245	12	245	12	245	12
2.1. Straw	249	12	241	12	241	12	241	12	241	12	241	12
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	5	-	4	-	4	-	4	-	4	-	4	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

31 Country: NETHERLANDS

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1,943	2,132	2,145	2,109	2,128	2,128
1.1. Newsprint	176	176	176	176	176	176
1.2. Other printing and writing paper, total:	624	701	736	736	736	736
1.2.1. Wood containing (b)	156	156	156	156	156	156
1.2.2. Wood free (c)	468	545	580	580	580	580
1.3. Other paper and paperboard, total: (a)	1,143	1,255	1,233	1,197	1,216	1,216
1.3.1. Household and sanitary paper	80	80	80	80	99	99
1.3.2. Fluting paper and paperboard	258	258	286	250	250	250
1.3.3. Kraft paper and paperboard, total:	81	90	90	90	90	90
1.3.3.1. Kraft liner	6	6	6	6	6	6
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	75	84	84	84	84	84
1.3.4. Folding boxboard, total:	94	94	94	94	94	94
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	94	94	94	94	94	94
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	630	733	683	683	683	683
1.3.5.1. Paper, n. e. s.	201	201	155	155	155	155
1.3.5.2. Paperboard, n. e. s. (a)	429	532	528	528	528	528

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



PART 1 : PULP CAPACITY

32 Country NORWAY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	2,290	1,155	2,340	1,225	2,395	1,235	2,415	1,235	2,415	2,415	2,415	2,415
1.1. Mechanical (b)	1,295	650	1,310	650	1,330	650	1,350	650	1,350	1,350	1,350	1,350
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	90	40	90	40	90	40	90	40	90	90	90	90
of which : hardwood	90	40	90	40	90	40	90	40	90	90	90	90
1.3. Chemical, total:	905	465	940	535	975	545	975	545	975	975	975	975
1.3.1. Unbleached sulphite	160	60	160	60	160	60	160	60	160	160	160	160
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	400	300	410	330	430	330	430	330	430	430	430	430
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	190	15	190	15	200	15	200	15	200	200	200	200
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	155	90	180	130	185	140	185	140	185	185	185	185
of which : hardwood	60	50	110	100	115	100	115	100	115	115	115	115
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	105	100	155	115	160	130	160	130	160	160	160	160
of which : hardwood	10	5	70	35	70	40	70	40	70	70	70	70

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

32 Country: NORWAY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	1,560	1,600	1,650	1,700	1,750	1,800
1.1. Newsprint	590	610	625	640	660	675
1.2. Other printing and writing paper, total:	360	375	390	400	420	450
1.2.1. Wood containing (b)	210	220	230	235	250	270
1.2.2. Wood free (c)	150	155	160	165	170	180
1.3. Other paper and paperboard, total: (a)	610	615	635	660	670	675
1.3.1. Household and sanitary paper	35	35	40	45	45	45
1.3.2. Fluting paper and paperboard	80	80	85	85	85	85
1.3.3. Kraft paper and paperboard, total:	190	190	200	210	215	220
1.3.3.1. Kraft liner	35	35	40	45	45	50
1.3.3.2. Sack kraft	90	90	90	95	100	100
1.3.3.3. Other kraft paper and paperboard	65	65	70	70	70	70
1.3.4. Folding boxboard, total:	80	80	80	85	85	85
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	80	80	80	85	85	85
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	225	230	230	235	240	240
1.3.5.1. Paper, n.e.s.	200	205	205	210	215	215
1.3.5.2. Paperboard, n.e.s. (a)	25	25	25	25	25	25

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

Country	-----Rated capacity in 1,000 metric tons per annum, air dry -----											
	1972	1973	1974	1975	1976	1977	1972	1973	1974	1975	1976	1977
	Total capacity	Total capacity	Total capacity	Total capacity	Total capacity	Total capacity	of which market pulp (a)	of which market pulp (a)	of which market pulp (a)	of which market pulp (a)	Total capacity	Total capacity
33 PORTUGAL	-----Rated capacity in 1,000 metric tons per annum, air dry -----											
1. Wood pulp for making paper and paperboard, total (b)	548	497	586	504	691	520	777	604	777	777	777	777
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	548	497	586	504	691	520	777	604	777	777	777	777
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	70	70	77	77	95	95	100	100	100	100	100	100
of which : hardwood	70	70	77	77	95	95	100	100	100	100	100	100
1.3.3. Unbleached sulphate and soda	155	104	186	104	273	102	270	97	270	270	270	270
of which : hardwood	44	24	44	23	44	21	32	17	32	32	32	32
1.3.4. Bleached and semibleached sulphate and soda	323	323	323	323	323	323	407	407	407	407	407	407
of which : hardwood	301	301	301	301	301	301	361	361	361	361	361	361
2. Other fibre pulp for making paper and paperboard, total:	30	-	30	-	30	-	30	-	30	30	30	30
2.1. Straw	30	-	30	-	30	-	30	-	30	30	30	30
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

33 Country: PORTUGAL

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	376	500	608	682	788	833
1.1. Newsprint	2	2	2	2	2	2
1.2. Other printing and writing paper, total:	90	102	114	130	150	160
1.2.1. Wood containing (b)	45	52	58	65	75	80
1.2.2. Wood free (c)	45	50	56	65	75	80
1.3. Other paper and paperboard, total: (a)	284	396	492	550	636	671
1.3.1. Household and sanitary paper	14	31	39	47	52	57
1.3.2. Fluting paper and paperboard	60	62	66	70	78	85
1.3.3. Kraft paper and paperboard, total:	60	136	200	226	248	258
1.3.3.1. Kraft liner	3	73	129	146	148	150
1.3.3.2. Sack kraft	37	40	44	48	53	58
1.3.3.3. Other kraft paper and paperboard	20	23	27	32	47	50
1.3.4. Folding board, total:	60	64	69	74	105	111
1.3.4.1. Solid bleached board	10	11	13	14	18	19
1.3.4.2. Other folding board	50	53	56	60	87	92
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	90	103	118	133	153	160
1.3.5.1. Paper, n. e. s.	70	80	91	101	115	120
1.3.5.2. Paperboard, n. e. s. (a)	20	23	27	32	38	40

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

34 Country: SPAIN

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	783	235	917	355	1,075	454	1,156	456	1,395	1,516		
1.1. Mechanical (b)	276	28	278	28	311	49	335	55	377	385		
of which : hardwood	-	-	-	-	12	12	22	14	25	30		
1.2. Chemi-mechanical and semi-chemical	31	-	31	-	80	-	93	-	154	161		
of which : hardwood	20	-	20	-	69	-	82	-	143	150		
1.3. Chemical, totals	476	207	608	327	684	405	728	401	864	970		
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-		
of which : hardwood	-	-	-	-	-	-	-	-	-	-		
1.3.2. Bleached and semibleached sulphite	18	18	18	18	7	7	-	-	-	-		
of which : hardwood	18	18	18	18	7	7	-	-	-	-		
1.3.3. Unbleached sulphate and soda	203	69	223	79	242	87	252	65	308	324		
of which : hardwood	-	-	5	5	5	5	5	5	5	5		
1.3.4. Bleached and semibleached sulphate and soda	255	120	367	230	435	311	476	336	556	646		
of which : hardwood	207	85	306	182	344	233	372	245	452	507		
2. Other fibre pulp for making paper and paperboard, total:	332	38	354	38	363	38	366	38	367	367		
2.1. Straw	282	7	300	7	307	7	310	7	310	310		
2.2. Bagasse	18	-	17	-	18	-	18	-	18	18		
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-		
2.4. Other (reeds, esparto, rags, etc.)	32	31	37	31	38	31	38	31	39	39		
3. Dissolving pulp (wood and other fibre raw materials)	40	-	42	-	53	-	60	-	60	60		
of which : hardwood	-	-	-	-	-	-	-	-	-	-		

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1,972	2,061	2,172	2,275	2,559	2,621
1.1. Newsprint	176	176	176	176	176	176
1.2. Other printing and writing paper, total:	484	491	496	533	669	693
1.2.1. Wood containing (b)	139	139	139	176	184	190
1.2.2. Wood free (c)	345	352	357	357	485	503
1.3. Other paper and paperboard, total: (a)	1,312	1,394	1,500	1,566	1,714	1,752
1.3.1. Household and sanitary paper	40	48	50	50	50	50
1.3.2. Folding paper and paperboard	357	384	430	465	480	480
1.3.3. Kraft paper and paperboard, total:	488	528	581	593	721	757
1.3.3.1. Kraft liner	88	93	102	102	154	170
1.3.3.2. Sack kraft	143	143	143	143	143	143
1.3.3.3. Other kraft paper and paperboard	257	292	336	348	424	444
1.3.4. Folding boxboard, total:	247	253	256	270	273	275
1.3.4.1. Solid bleached board	146	150	150	162	165	167
1.3.4.2. Other folding boxboard	101	103	106	108	108	108
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	180	181	183	188	190	190
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

34 Country: SPAIN

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



PART 1 : PULP CAPACITY

35 Country: SWEDEN

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	9,720	5,230	10,085	5,345	10,455	5,460	10,865	5,510	11,000	11,525	11,525	
1.1. Mechanical (b)	1,920	600	2,030	630	2,190	640	2,410	690	2,430	2,635	2,635	
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	390	30	460	30	490	30	525	30	535	570	570	
of which : hardwood	350	30	415	30	445	30	480	30	485	535	535	
1.3. Chemical, total:	7,410	4,600	7,595	4,685	7,775	4,790	7,930	4,790	8,035	8,320	8,320	
1.3.1. Unbleached sulphite	750	380	760	385	775	400	720	330	595	560	560	
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	1,060	870	1,025	815	1,025	795	970	705	995	925	925	
of which : hardwood	115	90	135	105	135	100	135	90	135	135	135	
1.3.3. Unbleached sulphate and soda	2,630	860	2,640	845	2,675	860	2,710	870	2,770	2,895	2,895	
of which : hardwood	20	15	25	15	25	15	30	15	30	30	30	
1.3.4. Bleached and semibleached sulphate and soda	2,970	2,490	3,170	2,640	3,300	2,735	3,530	2,885	3,675	3,940	3,940	
of which : hardwood	820	725	840	725	840	715	870	735	875	875	875	
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	330	330	345	340	285	280	270	265	270	270	270	
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

35 Country SWEDEN

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum-----						
1. Paper and Paperboard, total: (a)	5,170	5,470	5,810	6,220	6,380	6,890
1.1. Newsprint	1,120	1,270	1,420	1,650	1,690	1,900
1.2. Other printing and writing paper, total:	710	780	840	880	910	920
1.2.1. Wood containing (b)	380	370	390	410	410	410
1.2.2. Wood free (c)	330	410	450	470	500	510
1.3. Other paper and paperboard, total: (a)	3,340	3,420	3,550	3,690	3,780	4,070
1.3.1. Household and sanitary paper	190	190	190	210	240	250
1.3.2. Flimsing paper and paperboard	320	330	390	410	410	450
1.3.3. Kraft paper and paperboard, total:	1,930	2,000	2,020	2,050	2,090	2,190
1.3.3.1. Kraft liner	680	680	680	680	680	760
1.3.3.2. Sack kraft	830	880	890	900	910	930
1.3.3.3. Other kraft paper and paperboard	420	440	450	470	500	500
1.3.4. Folding boxboard, total	380	400	440	500	500	500
1.3.4.1. Solid bleached board	180	190	220	230	230	230
1.3.4.2. Other folding boxboard	200	210	220	270	270	270
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	520	500	510	520	540	680
1.3.5.1. Paper, n. e. s.	220	200	190	170	160	160
1.3.5.2. Paperboard, n. e. s. (a)	300	300	320	350	380	520

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



36 Country: SWITZERLAND

PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	290	110	310	120	325	125	340	130	350	350	350	350
1.1. Mechanical (b)	190	10	200	10	210	10	220	10	230	230	230	230
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	100	100	110	110	115	115	120	120	120	120	120	120
1.3.1. Unbleached sulphite	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

36 Country: SWITZERLAND

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	830	920	920	935	940	940
1.1. Newsprint	175	175	175	175	175	175
1.2. Other printing and writing paper, total:	255	290	290	295	295	295
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	400	455	455	465	470	470
1.3.1. Household and sanitary paper	30	35	35	35	35	35
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	45	50	50	50	50	50
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding board, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding board	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	325	370	370	380	385	385
1.3.5.1. Paper, n. e. s.	80	80	80	80	80	85
1.3.5.2. Paperboard, n. e. s. (a)	245	290	290	300	300	300

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

37 Country: UNITED KINGDOM

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	479	20	448	20	455	20	462	20	469	20	476	20
1.1. Mechanical (b)	296	-	256	-	256	-	256	-	256	-	256	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	103	-	112	-	114	-	116	-	118	-	120	-
of which : hardwood	103	-	112	-	114	-	116	-	118	-	120	-
1.3. Chemical, total:	80	20	80	20	85	20	90	20	95	20	100	20
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	80	20	80	20	85	20	90	20	95	20	100	20
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	90	..	80	..	70	..	60	..	60	..	50	..
2.1. Straw	..	..	..	..	..	..	..	..	..	..	..	..
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.)	..	..	..	..	..	..	..	..	..	..	..	..
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.

(c) Secretariat estimates.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

37 Country: UNITED KINGDOM

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum-----						
1. Paper and Paperboard, totals (a) (d)	4,986	4,897	5,020	5,129	5,205	5,254
1.1. Newsprint	640	538	545	551	558	558
1.2. Other printing and writing paper, total (d)	1,167	1,304	1,339	1,390	1,407	1,415
1.2.1. Wood containing (b)	200	178	181	181	183	182
1.2.2. Wood free (c)	967	1,126	1,158	1,209	1,224	1,233
1.3. Other paper and paperboard, total: (a) (d)	3,179	3,055	3,136	3,188	3,240	3,281
1.3.1. Household and sanitary paper	374	384	399	408	416	435
1.3.2. Fluting paper and paperboard	429	418	434	452	463	468
1.3.3. Kraft paper and paperboard, total:	178	185	189	191	190	191
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	53	51	54	56	56	56
1.3.3.3. Other kraft paper and paperboard	125	134	135	135	134	135
1.3.4. Folding board, total:	472	485	521	537	539	541
1.3.4.1. Solid bleached board	2	(e)	(e)	(e)	(e)	(e)
1.3.4.2. Other folding board	470	485	521	536	538	540
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1,726	1,583	1,593	1,600	1,632	1,646
1.3.5.1. Paper, n.e.s.	871	813	838	859	886	896
1.3.5.2. Paperboard, n.e.s. (a)	855	770	755	741	746	749

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.
 (d) 1972 figures are not strictly comparable with those of 1973-1977 due to reclassification of printing and writing paper.
 (e) Negligible (less than 500 tons)

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

38 Country: ALBANIA

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	10	-	10	-	10	-	10	-	10	-	10	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	10	-	10	-	10	-	10	-	10	-	10	-
1.3.1. Unbleached sulphite	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.2. Bleached and semibleached sulphite	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.3. Unbleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.4. Bleached and semibleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
2. Other fibre pulp for making paper and paperboard, total:	5	-	5	-	5	-	5	-	5	-	5	-
2.1. Straw	5	-	5	-	5	-	5	-	5	-	5	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

38 Country: ALBANIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	25	25	25	25	25	25
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	10	10	10	10	10	10
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	15	15	15	15	15	15
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	15	15	15	15	15	15
1.3.5.1. Paper, n.e.s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n.e.s. (a)	15	15	15	15	15	15

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.

PART 1 : PULP CAPACITY

39 Country BULGARIA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	117	-	201	9	248	23	260	24	269	275	-	-
1.1. Mechanical (b)	13	-	17	-	11	-	15	-	17	18	-	-
of which : hardwood	13	-	17	-	11	-	15	-	17	18	-	-
1.2. Chemi-mechanical and semi-chemical	49	-	77	-	80	-	83	-	90	95	-	-
of which : hardwood	49	-	77	-	80	-	83	-	90	95	-	-
1.3. Chemical, total:	55	-	107	9	157	23	162	24	162	162	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	55	-	107	9	157	23	162	24	162	162	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	30	20	30	19	30	19	31	16	31	31	-	-
2.1. Straw	30	20	30	19	30	19	31	16	31	31	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

39 Country: BULGARIA

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	252	305	412	444	477	516
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	42	42	41	59	70	75
1.2.1. Wood containing (b)	11	11	10	17	22	25
1.2.2. Wood free (c)	31	31	31	42	48	50
1.3. Other paper and paperboard, total: (a)	210	263	371	385	407	441
1.3.1. Household and sanitary paper	2	5	9	9	9	9
1.3.2. Fluting paper and paperboard	45	58	80	82	95	98
1.3.3. Kraft paper and paperboard, total:	98	108	162	166	172	198
1.3.3.1. Kraft liner	48	50	89	93	96	118
1.3.3.2. Sack kraft	29	34	41	46	48	50
1.3.3.3. Other kraft paper and paperboard	21	24	32	27	28	30
1.3.4. Folding board, total:	29	47	74	82	83	86
1.3.4.1. Solid bleached board	11	30	48	53	54	55
1.3.4.2. Other folding board	18	17	26	29	29	31
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	36	45	46	46	48	50
1.3.5.1. Paper, n. e. s.	29	38	38	38	39	40
1.3.5.2. Paperboard, n. e. s. (a)	7	7	8	8	9	10

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



40 Country: CZECHOSLOVAKIA

PART 1 : PULP CAPACITY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	604	..	628	..	780	..	882	..	886	..	944	..
1.1. Mechanical (b)	171	..	185	..	185	..	190	..	194	..	210	..
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	10	-	10	-	58	..	115	..	128	..	128	..
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	423	..	433	..	537	..	577	..	564	..	606	..
1.3.1. Unbleached sulphite	167	..	167	..	167	..	167	..	134	..	136	..
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	168	..	156	..	140	..	130	..	130	..	140	..
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	81	..	84	..	120	..	170	..	180	..	190	..
of which : hardwood	2	-	4	-	4	-	4	-	6	-	6	-
1.3.4. Bleached and semibleached sulphate and soda	7	..	26	..	110	..	110	..	120	..	140	..
of which : hardwood	7	..	7	..	7	..	7	..	17	..	37	..
2. Other fibre pulp for making paper and paperboard, total:	15	..	15	..	15	..	15	..	15	..	15	..
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rag, etc.)	15	..	15	..	15	..	15	..	15	..	15	..
3. Dissolving pulp (wood and other fibre raw materials)	57	..	57	..	59	..	59	..	59	..	56	..
of which : hardwood	31	..	31	..	34	..	34	..	34	..	34	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

40 Country: CZECHOSLOVAKIA

	1972	1973	1974	1975	1976	1977
1. Paper and Paperboard, total: (a)	896	923	1,040	1,130	1,170	1,240
1.1. Newsprint	80	78	78	76	76	76
1.2. Other printing and writing paper, total:	165	156	159	160	160	171
1.2.1. Wood containing (b)	82	85	89	90	90	100
1.2.2. Wood free (c)	83	71	70	70	70	71
1.3. Other paper and paperboard, total: (a)	651	689	803	894	934	993
1.3.1. Household and sanitary paper	50	55	60	65	70	75
1.3.2. Fitting paper and paperboard	26	35	92	150	160	160
1.3.3. Kraft paper and paperboard, total:	91	99	126	144	152	159
1.3.3.1. Kraft liner	25	25	50	54	54	54
1.3.3.2. Sack kraft	51	54	56	70	73	80
1.3.3.3. Other kraft paper and paperboard	15	20	20	20	25	25
1.3.4. Folding boxboard, total	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	484	500	525	535	552	599
1.3.5.1. Paper, n. e. s.	213	226	245	255	262	309
1.3.5.2. Paperboard, n. e. s. (a)	271	274	280	280	290	290

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.



PART I : PULP CAPACITY

41. Country GERMAN DEM. REP. (i)

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	770	-	800	-	830	-	860	-	890	-	920	-
1.1. Mechanical (b)	185	-	190	-	190	-	190	-	190	-	190	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3. Chemical, total	585	-	610	-	640	-	670	-	700	-	730	-
1.3.1. Unbleached sulphite	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.2. Bleached and semibleached sulphite	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.3. Unbleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.4. Bleached and semibleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
2. Other fibre pulp for making paper and paperboard, total:	32	-	35	-	38	-	41	-	45	-	49	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	32	-	35	-	38	-	41	-	45	-	49	-
3. Dissolving pulp (wood and other fibre raw materials)	190	..	195	..	195	..	200	..	200	..	200	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.

(1) Secretariat estimates.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

41 Country: GERMANY DEM. REP. (1)

	1972	1973	1974	1975	1976*	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	1,230	1,270	1,310	1,350	1,390	1,430
1.1. Newsprint	130	135	140	140	140	140
1.2. Other printing and writing paper, total:	240	245	250	260	270	280
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	860	890	920	950	980	1,010
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	860	890	920	950	980	1,010
1.3.5.1. Paper, n.e.s.	480	490	510	520	540	560
1.3.5.2. Paperboard, n.e.s. (a)	380	400	410	430	440	450

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.
- (1) Secretariat estimates.

PART 1 : PULP CAPACITY

42 Country: HUNGARY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	88	-	88	-	88	-	94	-	100	-	120	-
1.1. Mechanical (b)	31	-	31	-	31	-	37	-	37	-	37	-
of which : hardwood	11	-	11	-	11	-	12	-	12	-	12	-
1.2. Chemi-mechanical and semi-chemical	35	-	35	-	35	-	35	-	41	-	61	-
of which : hardwood	35	-	35	-	35	-	35	-	41	-	61	-
1.3. Chemical, totals	22	-	22	-	22	-	22	-	22	-	22	-
1.3.1. Unbleached sulphite	22	-	22	-	22	-	22	-	22	-	22	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	22	2	22	2	22	2	22	2	22	2	22	2
2.1. Straw	22	2	22	2	22	2	22	2	22	2	22	2
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, sparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibred or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

42 Country: HUNGARY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	290	335	338	361	378	419
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	93	97	104	111	108	108
1.2.1. Wood containing (b)	40	40	40	44	41	41
1.2.2. Wood free (c)	53	57	64	67	67	67
1.3. Other paper and paperboard, total: (a)	197	238	234	250	270	311
1.3.1. Household and sanitary paper	11	13	13	13	13	11
1.3.2. Fitting paper and paperboard	70	69	60	79	99	149
1.3.3. Kraft paper and paperboard, total:	36	40	44	41	41	41
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Seck kraft	28	29	33	30	30	30
1.3.3.3. Other kraft paper and paperboard	8	11	11	11	11	11
1.3.4. Folding boxboard, total:	30	45	44	42	42	42
1.3.4.1. Solid bleached board	10	13	13	13	13	13
1.3.4.2. Other folding boxboard	20	32	31	29	29	29
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	50	71	73	75	75	68
1.3.5.1. Paper, n. e. s.	40	55	55	55	55	55
1.3.5.2. Paperboard, n. e. s. (a)	10	16	18	20	20	13

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

43 Country: POLAND

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry-----												
1. Wood pulp for making paper and paperboard, total (b)	726	-	838	-	824	-	839	-	967	-	1,039	-
1.1. Mechanical (b)	167	-	167	-	167	-	165	-	165	-	165	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	30	-	30	-	30	-	35	-	70	-	85	-
of which : hardwood	30	-	30	-	30	-	35	-	70	-	85	-
1.3. Chemical, total:	529	-	641	-	627	-	639	-	732	-	789	-
1.3.1. Unbleached sulphite	74	-	74	-	68	-	68	-	68	-	68	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	75	-	75	-	101	-	101	-	101	-	101	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	318	-	430	-	420	-	420	-	420	-	420	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	62	-	62	-	38	-	50	-	143	-	200	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	23	-	23	-	23	-	17	-	17	-	17	-
2.1. Straw	20	-	20	-	20	-	14	-	14	-	14	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.)	3	-	3	-	3	-	3	-	3	-	3	-
3. Dissolving pulp (wood and other fibre raw materials)	88	15	88	10	77	5	77	-	77	-	77	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

43 Country: POLAND

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum-----						
1. Paper and Paperboard, total: (a)	1,107	1,155	1,235	1,301	1,492	1,762
1.1. Newsprint	85	86	76	67	67	67
1.2. Other printing and writing paper, total:	200	202	221	242	378	496
1.2.1. Wood containing (b)	120	122	133	142	218	294
1.2.2. Wood free (c)	80	80	88	100	160	202
1.3. Other paper and paperboard, total: (a)	822	867	938	992	1,047	1,199
1.3.1. Household and sanitary paper	48	48	55	65	76	86
1.3.2. Fluting paper and paperboard	41	41	45	47	47	101
1.3.3. Kraft paper and paperboard, total:	428	445	441	442	442	444
1.3.3.1. Kraft liner	62	68	70	71	71	71
1.3.3.2. Sack kraft	151	162	156	156	156	156
1.3.3.3. Other kraft paper and paperboard	215	215	215	215	215	217
1.3.4. Folding boxboard, total:	115	132	180	203	222	260
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	190	201	217	235	260	308
1.3.5.1. Paper, n. e. s.	105	116	132	150	175	180
1.3.5.2. Paperboard, n. e. s. (a)	85	85	85	85	85	128

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

44 Country ROMANIA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry-----												
1. Wood pulp for making paper and paperboard, total: (b)	408	130	474	130	571	130	648	130	660	660	660	660
1.1. Mechanical (b)	70	-	72	-	72	-	83	-	85	85	85	85
of which : hardwood	..	-	..	-	..	-	..	-	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	-	-	20	-	33	-	44	-	45	45	45	45
of which : hardwood	-	-	..	-	..	-	..	-	..	..	..	..
1.3. Chemical, total:	333	130	382	130	466	130	521	130	530	530	530	530
1.3.1. Unbleached sulphite	70	..	71	..	74	..	80	..	82	82	82	82
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	55	..	55	..	57	..	57	..	57	57	57	57
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	140	..	172	..	207	..	207	..	207	207	207	207
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	68	..	84	..	128	..	177	..	184	184	184	184
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
2. Other fibre pulp for making paper and paperboard, total:	122	..	122	..	122	..	122	..	122	122	122	122
2.1. Straw	67	..	67	..	67	..	67	..	67	67	67	67
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	55	..	55	..	55	..	55	..	55	55	55	55
3. Dissolving pulp (wood and other fibre raw materials)	55	55	55	55	55	55	55	55	55	55	55	55
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

44 Country: ROMANIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	545	592	672	775	790	790
1.1. Newsprint	53	53	53	69	70	70
1.2. Other printing and writing paper, total:	139	139	139	157	160	160
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	353	400	480	549	560	560
1.3.1. Household and sanitary paper	15	15	18	18	18	18
1.3.2. Fluting paper and paperboard	20	30	45	50	51	51
1.3.3. Kraft paper and paperboard, total:	165	178	206	228	231	231
1.3.3.1. Kraft liner	26	42	54	72	74	74
1.3.3.2. Sack kraft	90	90	90	90	90	90
1.3.3.3. Other kraft paper and paperboard	49	46	62	66	67	67
1.3.4. Folding boxboard, total:	38	44	68	102	105	105
1.3.4.1. Solid bleached board	-	-	-	15	15	15
1.3.4.2. Other folding boxboard	38	44	68	87	90	90
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	115	133	143	151	155	155
1.3.5.1. Paper, n. e. s.	71	85	91	98	101	101
1.3.5.2. Paperboard, n. e. s. (a)	44	48	52	53	54	54

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



PART 1 : PULP CAPACITY

45 Country: YUGOSLAVIA

	1972		1973		1974		1975		1976	1977
	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----										
1. Wood pulp for making paper and paperboard, total: (b)	530	97	570	97	600	97	615	97	615	..
1.1. Mechanical (b)	145	-	145	-	145	-	145	-	145	..
of which : hardwood	45	-	45	-	45	-	45	-	45	..
1.2. Chemi-mechanical and semi-chemical	45	-	85	-	85	-	100	-	100	..
of which : hardwood	45	-	85	-	85	-	100	-	100	..
1.3. Chemical, total:	340	97	340	97	370	97	370	97	370	..
1.3.1. Unbleached sulphite	50	17	50	17	50	17	50	17	50	..
of which : hardwood	-	-	-	-	-	-	-	-	-	..
1.3.2. Bleached and semibleached sulphite	80	50	80	50	100	50	100	50	100	..
of which : hardwood	40	20	40	20	50	30	60	30	60	..
1.3.3. Unbleached sulphate and soda	120	-	120	-	120	-	120	-	120	..
of which : hardwood	-	-	-	-	-	-	-	-	-	..
1.3.4. Bleached and semibleached sulphate and soda	90	30	90	30	100	30	100	30	100	..
of which : hardwood	90	30	90	30	100	30	100	30	100	..
2. Other fibre pulp for making paper and paperboard, total:	5	-	5	-	5	-	5	-	5	..
2.1. Straw	5	-	5	-	5	-	5	-	5	..
2.2. Bagasse	-	-	-	-	-	-	-	-	-	..
2.3. Bamboo	-	-	-	-	-	-	-	-	-	..
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	..
3. Dissolving pulp (wood and other fibre raw materials)	135	75	135	75	135	75	135	75	135	..
of which : hardwood	135	75	135	75	135	75	135	75	135	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

45 Country: YUGOSLAVIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	625	630	770	790	825	..
1.1. Newsprint	90	90	110	110	110	..
1.2. Other printing and writing paper, total:	175	175	175	175	175	..
1.2.1. Wood containing (b)	55	55	55	55	55	..
1.2.2. Wood free (c)	120	120	120	120	120	..
1.3. Other paper and paperboard, total: (a)	360	365	485	505	540	..
1.3.1. Household and sanitary paper	30	35	40	50	55	..
1.3.2. Fluting paper and paperboard	125	125	200	200	230	..
1.3.3. Kraft paper and paperboard, total:	120	120	150	150	150	..
1.3.3.1. Kraft liner	30	30	45	45	45	..
1.3.3.2. Sack kraft	45	45	45	45	45	..
1.3.3.3. Other kraft paper and paperboard	45	45	60	60	60	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	..
1.3.4.1. Solid bleached board	-	-	-	-	-	..
1.3.4.2. Other folding boxboard	-	-	-	-	-	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	85	85	95	105	105	..
1.3.5.1. Paper, n.e.s.	20	20	30	40	40	..
1.3.5.2. Paperboard, n.e.s. (a)	65	65	65	65	65	..

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

46 Country: USSR (1)

	1972		1973		1974		1975		1976	1977
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	Total capacity
-----Rated capacity in 1,000 metric tons per annum, air dry-----										
1. Wood pulp for making paper and paperboard, total: (b)	7,250	1,000	7,650	1,100	8,050	1,200	8,450	1,300	8,850	9,250
1.1. Mechanical (b)	1,900	..	1,950	..	2,000	..	2,050	..	2,100	2,150
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	450	..	500	..	550	..	600	..	650	700
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.3. Chemical, total:	4,900	1,000	5,200	1,100	5,500	1,200	5,800	1,300	6,100	6,400
1.3.1. Unbleached sulphite	2,500	350	2,550	350	2,600	350	2,650	350	2,700	2,750
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	2,050	500	2,200	600	2,350	700	2,500	800	2,650	2,800
of which : hardwood	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	350	150	450	150	550	150	650	150	750	850
of which : hardwood	..	..	..	..	..	..	..	..	..	..
2. Other fibre pulp for making paper and paperboard, total:	750	..	800	..	850	..	900	..	950	1,000
2.1. Straw	..	..	..	..	..	..	..	..	..	..
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	..	..	..	..	..	..	..	..	..	..
3. Dissolving pulp (wood and other fibre raw materials)	850	850	925	925	1,000	1,000	1,075	1,075	1,150	1,225
of which : hardwood	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.

(c) Secretariat estimates.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

46 Country: USSR (1)

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	8,300	8,800	9,300	9,800	10,300	10,800
1.1. Newsprint	1,350	1,400	1,450	1,500	1,550	1,600
1.2. Other printing and writing paper, total:	1,400	1,450	1,500	1,550	1,600	1,650
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	5,550	5,950	6,350	6,750	7,150	7,550
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	5,550	5,950	6,350	6,750	7,150	7,550
1.3.5.1. Paper, n. e. s.	2,450	2,600	2,750	2,900	3,050	3,200
1.3.5.2. Paperboard, n. e. s. (a)	3,100	3,350	3,600	3,850	4,100	4,350

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.
 (1) Secretariat estimates.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

47 Country ALGERIA

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity of which market pulp (a)	Total capacity market pulp (a)	Total capacity of which market pulp (a)	Total capacity market pulp (a)	Total capacity of which market pulp (a)	Total capacity market pulp (a)	Total capacity of which market pulp (a)	Total capacity market pulp (a)	Total capacity of which market pulp (a)	Total capacity market pulp (a)	Total capacity of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	25	71	32	84	42	114	46	121	124			
2.1. Straw	5	5	-	5	-	28	-	35	38			
2.2. Bagasse	-	-	-	-	-	-	-	-	-			
2.3. Bamboo	-	-	-	-	-	-	-	-	-			
2.4. Other (reeds, esparto, rags, etc.)	20	66	32	79	42	86	46	86	86			
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-			
of which : hardwood	-	-	-	-	-	-	-	-	-			

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	Country	ALGERIA					
		1972	1973	1974	1975	1976	1977
1. Paper and Paperboard, total: (a)		56	121	131	164	171	174
1.1. Newsprint		-	-	-	-	-	-
1.2. Other printing and writing paper, total:		23	46	53	56	56	56
1.2.1. Wood containing (b)		-	-	-	-	-	-
1.2.2. Wood free (c)		23	46	53	56	56	56
1.3. Other paper and paperboard, total: (a)		33	75	78	108	115	118
1.3.1. Household and sanitary paper		-	5	6	7	7	7
1.3.2. Fluting paper and paperboard		-	-	-	9	12	13
1.3.3. Kraft paper and paperboard, total:		8	28	25	42	46	48
1.3.3.1. Kraft liner	
1.3.3.2. Sack kraft	
1.3.3.3. Other kraft paper and paperboard	
1.3.4. Folding boxboard, total:		17	34	39	42	42	42
1.3.4.1. Solid bleached board	
1.3.4.2. Other folding boxboard	
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)		8	8	8	8	8	8
1.3.5.1. Paper, n. e. s.		8	8	8	8	8	8
1.3.5.2. Paperboard, n. e. s. (a)		-	-	-	-	-	-

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

48 Country: ANGOLA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	44	32	44	32	44	32	44	32	44	32	44	32
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	44	32	44	32	44	32	44	32	44	32	44	32
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	7	-	7	-	7	-	7	-	7	-	7	-
of which : hardwood	7	-	7	-	7	-	7	-	7	-	7	-
1.3.4. Bleached and semibleached sulphate and soda	37	32	37	32	37	32	37	32	37	32	37	32
of which : hardwood	37	32	37	32	37	32	37	32	37	32	37	32
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

48 Country: ANGOLA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	12	12	12	12	12	12
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	5	5	5	5	5	5
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	5	5	5	5	5	5
1.3. Other paper and paperboard, total: (a)	7	7	7	7	7	7
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	6	6	6	6	6	6
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1	1	1	1	1	1
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

49 Country: ETHIOPIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	9	9	9	9	9	9
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	3	3	3	3	3	3
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	3	3	3	3	3	3
1.3. Other paper and paperboard, total: (a)	6	6	6	6	6	6
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	6	6	6	6	6	6
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	-	-	-	-	-
1.3.5.1. Paper, n.e.s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n.e.s. (a)	-	-	-	-	-	-

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

50 Country: KENYA

	-----Rated capacity in 1,000 metric tons per annum, air dry -----									
	1972	1973	1974	1975	1976	1977	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
1. Wood pulp for making paper and paperboard, totals (b)	-	-	35	-	45	50	-	-	-	50
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	-	-	35	-	45	50	-	-	-	50
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	21	-	27	30	-	-	-	30
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	14	-	18	20	-	-	-	20
of which : hardwood	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

50 Country: KENYA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	4	4	38	48	54	54
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	17	22	25	25
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	17	22	25	25
1.3. Other paper and paperboard, total: (a)	4	4	21	26	29	29
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fining paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	17	22	25	25
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	4	4	4	4	4	4
1.3.5.1. Paper, n. e. s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

51 Country LIBYA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	5	5	5	5	5	5
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	5	5	5	5	5	5
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	5	5	5	5	5	5
1.3.5.1. Paper, n. e. s.	5	5	5	5	5	5
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

52 Country MALAGASY Republic

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	4	-	5	-	5	-	5	-	5	-	5	-
1.1. Mechanical (b)	4	-	4	-	4	-	4	-	4	-	4	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	1	-	1	-	1	-	1	-	1	-
of which : hardwood	-	-	1	-	1	-	1	-	1	-	1	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

52 Country: MALAGASY REPUBLIC

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	8	9	9	9	9	9
1.1. Newsprint	-	1	1	1	1	1
1.2. Other printing and writing paper, total:	5	5	5	5	5	5
1.2.1. Wood containing (b)	2	2	2	2	2	2
1.2.2. Wood free (c)	3	3	3	3	3	3
1.3. Other paper and paperboard, total: (a)	3	3	3	3	3	3
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	1	1	1	1	1	1
1.3.3. Kraft paper and paperboard, total:	0.5	0.5	0.5	0.5	0.5	0.5
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1.5	1.5	1.5	1.5	1.5	1.5
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



PART 1 : PULP CAPACITY

53 Country: MOROCCO

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	60	50	60	60	50	85	75	85	75	100	100	100
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	60	50	60	60	50	85	75	85	75	100	100	100
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	60	50	60	60	50	85	75	85	75	100	100	100
of which : hardwood	60	50	60	60	50	85	75	85	75	100	100	100
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

53 Country: MOROCCO

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	75	75	85	91	96	100
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	16	16	16	19	20	21
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	59	59	69	72	76	79
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	59	59	69	72	76	79
1.3.5.1. Paper, n.e.s.	25	25	30	32	33	34
1.3.5.2. Paperboard, n.e.s. (a)	34	34	39	40	43	45

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1	2	2	2	2	2
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	1	2	2	2	2	2
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1	2	2	2	2	2
1.3.5.1. Paper, n.e.s.	1	2	2	2	2	2
1.3.5.2. Paperboard, n.e.s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

55

Country: NIGERIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	12	12	12	12	12	12
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	3	3	3	3	3	3
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	3	3	3	3	3	3
1.3. Other paper and paperboard, total: (a)	9	9	9	9	9	9
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	9	9	9	9	9	9
1.3.3.1. Kraft liner	9	9	9	9	9	9
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	-	-	-	-	-
1.3.5.1. Paper, n. e. s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

56 Country: RHODESIA

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	14	-	14	-	14	-	14	-	14	-	14	-
1.1. Mechanical (b)	10	-	10	-	10	-	10	-	10	-	10	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	4	-	4	-	4	-	4	-	4	-	4	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, totals	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding delibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

56 Country RHODESIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	41	41	41	41	41	41
1.1. Newsprint	12	12	12	12	12	12
1.2. Other printing and writing paper, total:	2	2	2	2	2	2
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	27	27	27	27	27	27
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	27	27	27	27	27	27
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

57

SOUTH AFRICA

Country:

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	550	-	576	-	589	-	592	-	591	-	589	-
1.1. Mechanical (b)	250	-	250	-	250	-	250	-	250	-	250	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemical-mechanical and semi-chemical	38	-	126	-	129	-	132	-	132	-	133	-
of which : hardwood	38	-	91	-	104	-	107	-	107	-	106	-
1.3. Chemical, total	262	-	200	-	210	-	210	-	209	-	206	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	178	-	115	-	122	-	123	-	121	-	119	-
of which : hardwood	57	-	14	-	2	-	2	-	2	-	2	-
1.3.4. Bleached and semibleached sulphate and soda	84	-	84	-	88	-	87	-	88	-	87	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
2. Other fibre pulp for making paper and paperboard, total:	50	-	50	-	56	-	56	-	56	-	56	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	50	-	50	-	56	-	56	-	56	-	56	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	250	250	260	260	270	270	270	270	270	270	270	270
of which : hardwood	250	250	260	260	270	270	270	270	270	270	270	270

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

57

Country: SOUTH AFRICA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, totals (a)	778	828	860	878	886	893
1.1. Newsprint	176	191	192	195	198	198
1.2. Other printing and writing paper, total:	98	109	113	116	119	123
1.2.1. Wood containing (b)	40	50	50	50	50	50
1.2.2. Wood free (c)	58	59	63	66	69	73
1.3. Other paper and paperboard, total: (a)	504	528	555	567	569	572
1.3.1. Household and sanitary paper	34	34	34	34	34	34
1.3.2. Fluting paper and paperboard	125	133	149	149	149	150
1.3.3. Kraft paper and paperboard, total:	215	231	242	249	251	253
1.3.3.1. Kraft liner	117	119	128	135	142	150
1.3.3.2. Sack kraft	48	54	56	58	60	63
1.3.3.3. Other kraft paper and paperboard	50	58	58	56	49	40
1.3.4. Folding board, total:	110	110	110	114	114	114
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding board	110	110	110	114	114	114
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	20	20	20	21	21	21
1.3.5.1. Paper, n.e.s.	10	10	10	10	10	10
1.3.5.2. Paperboard, n.e.s. (a)	10	10	10	11	11	11

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

58 Country: SUDAN

	1972	1973	1974	1975	1976	1977
1. Paper and Paperboard, total: (a)	2	2	2	2	2	2
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	2	2	2	2	2	2
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	2	2	2	2	2	2
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

59 Country: SWAZILAND

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	123	123	136	136	136	136	136	136	136	136	136	136
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	123	123	136	136	136	136	136	136	136	136	136	136
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	123	123	136	136	136	136	136	136	136	136	136	136
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

60 Country: TUNISIA

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	26	13	26	11	26	9	26	7	26	7	26	26
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rag, etc.)	26	13	26	11	26	9	26	7	26	7	26	26
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

60 Country: TUNISIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, totals: (a)	37	37	37	37	37	37
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	30	30	30	30	30	30
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	30	30	30	30	30	30
1.3. Other paper and paperboard, total: (a)	7	7	7	7	7	7
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	3	3	3	3	3	3
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding board, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding board	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	4	4	4	4	4	4
1.3.5.1. Paper, n. e. s.	4	4	4	4	4	4
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

61 Country: UGANDA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	5	5	5	5	5	5
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	5	5	5	5	5	5
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Flimsy paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	5	5	5	5	5	5
1.3.5.1. Paper, n.e.s.	5	5	5	5	5	5
1.3.5.2. Paperboard, n.e.s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

62 Country: U.A.R.

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	61	18	61	18	61	18	61	18	69	18	69	69
2.1. Straw	40	-	40	-	40	-	40	-	48	-	48	48
2.2. Bagasse	18	18	18	18	18	18	18	18	18	18	18	18
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.)	3	-	3	-	3	-	3	-	3	-	3	3
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding desfibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

62 Country: U. A. R.

	1972	1973	1974	1975	1976	1977
1. Paper and Paperboard, total: (a)	144	144	150	173	178	178
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	48	48	48	51	56	56
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	48	48	48	51	56	56
1.3. Other paper and paperboard, total: (a)	96	96	102	122	122	122
1.3.1. Household and sanitary paper	1	1	1	1	1	1
1.3.2. Fluting paper and paperboard	9	9	9	9	9	9
1.3.3. Kraft paper and paperboard, total:	12	12	12	30	30	30
1.3.3.1. Kraft liner	5	5	5	12	12	12
1.3.3.2. Sack kraft	4	4	4	9	9	9
1.3.3.3. Other kraft paper and paperboard	3	3	3	9	9	9
1.3.4. Folding board, total:	20	20	20	22	22	22
1.3.4.1. Solid bleached board	3	3	3	5	5	5
1.3.4.2. Other folding board	17	17	17	17	17	17
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	54	54	60	60	60	60
1.3.5.1. Paper, n. e. s.	27	27	30	30	30	30
1.3.5.2. Paperboard, n. e. s. (a)	27	27	30	30	30	30

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

63 Country: ZAIRE

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1	1	1	1	1	1
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	1	1	1	1	1	1
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1	1	1	1	1	1
1.3.5.1. Paper, n.e.s.	1	1	1	1	1	1
1.3.5.2. Paperboard, n.e.s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

64 Country IRAN

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total	29	78	-	92	-	99	-	99	-	99	-	99
2.1. Straw	4	4	-	4	-	4	-	4	-	4	-	4
2.2. Bagasse	25	74	-	88	-	95	-	95	-	95	-	95
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

64 Country: IRAN

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	69	125	154	170	180	180
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	33	80	98	105	105	105
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	33	80	98	105	105	105
1.3. Other paper and paperboard, total: (a)	36	45	56	65	75	75
1.3.1. Household and sanitary paper	4	4	5	6	7	7
1.3.2. Fluting paper and paperboard	12	15	18	21	24	24
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding board, total:	14	18	24	28	32	32
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding board	14	18	24	28	32	32
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	6	8	9	10	12	12
1.3.5.1. Paper, n. e. s.	6	8	9	10	12	12
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973



PART 1 : PULP CAPACITY

65 Country: IRAQ

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	18	-	23	-	25	-	25	-	25	-	25	25
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	9	-	12	-	13	-	13	-	13	-	13	13
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	9	-	11	-	12	-	12	-	12	-	12	12
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

65 Country: IRAQ

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	42	54	60	60	60	60
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	10	12	13	13	13	13
1.2.1. Wood containing (b)	10	12	13	13	13	13
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	32	42	47	47	47	47
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	5	6	6	6	6	6
1.3.3. Kraft paper and paperboard, total:	19	25	28	28	28	28
1.3.3.1. Kraft liner	4	5	5	5	5	5
1.3.3.2. Sack kraft	15	20	23	23	23	23
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding board, total:	6	8	10	10	10	10
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding board	6	8	10	10	10	10
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	2	3	3	3	3	3
1.3.5.1. Paper, n.e.s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n.e.s. (a)	2	3	3	3	3	3

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
Country: ISRAEL						
1. Paper and Paperboard, totals (a)	87	94	100	107	118	126
1.1. Newsprint	8	8	8	6	1	-
1.2. Other printing and writing paper, total:	37	40	44	47	52	56
1.2.1. Wood containing (b)	5	6	6	6	7	7
1.2.2. Wood free (c)	32	34	38	41	45	49
1.3. Other paper and paperboard, total: (a)	42	46	48	54	65	70
1.3.1. Household and sanitary paper	9	10	11	12	13	14
1.3.2. Fluting paper and paperboard	-	-	-	1	5	5
1.3.3. Kraft paper and paperboard, total:	10	12	12	14	18	13
1.3.3.1. Kraft liner	-	-	-	1	5	5
1.3.3.2. Sack kraft	4	5	5	5	5	-
1.3.3.3. Other kraft paper and paperboard	6	7	7	8	8	8
1.3.4. Folding boxboard, total:	15	16	17	19	24	29
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	15	16	17	19	24	29
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	8	8	8	8	8	9
1.3.5.1. Paper, n.e.s.	6	6	6	6	6	7
1.3.5.2. Paperboard, n.e.s. (a)	2	2	2	2	2	2

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

67 Country: JORDAN

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	-	-	4	-	6	-	8	-	8	-	8	-
2.1. Straw	-	-	1	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	3	-	6	-	8	-	8	-	8	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

67

Country: JORDAN

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	-	4	6	8	8	8
1.1. Newspaper	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	-	-	-	-	-	-
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	-	4	6	8	8	8
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	2.5	4.0	5.5	5.5	5.5
1.3.3. Kraft paper and paperboard, total:	-	0.5	0.5	0.5	0.5	0.5
1.3.3.1. Kraft liner	-	..	..	..	..	..
1.3.3.2. Sack kraft	-	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	-	..	..	..	..	..
1.3.4. Folding board, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding board	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	1.0	1.5	2.0	2.0	2.0
1.3.5.1. Paper, n. e. s.	-	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	-	..	..	..	..	..

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

68 Country: LEBANON

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	16	17	17	18	18	18
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	4	4	4	5	5	5
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	12	13	13	13	13	13
1.3.1. Household and sanitary paper	2	2	2	2	2	2
1.3.2. Fluting paper and paperboard	2	2	2	2	2	2
1.3.3. Kraft paper and paperboard, total:	5	5	5	5	5	5
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, totals: (a)	3	4	4	4	4	4
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
- (b) Containing 10 per cent or more mechanical woodpulp.
- (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

Country TURKEY

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	240	-	294	-	308	-	308	-	324	-	324	-
1.1. Mechanical (b)	93	-	107	-	107	-	107	-	119	-	119	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	19	-	32	-	32	-	32	-	32	-	32	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3. Chemical, totals	128	-	155	-	169	-	169	-	173	-	173	-
1.3.1. Unbleached sulphite	16	-	16	-	16	-	16	-	20	-	20	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.2. Bleached and semibleached sulphite	23	-	23	-	23	-	23	-	23	-	23	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.3. Unbleached sulphate and soda	60	-	60	-	60	-	60	-	60	-	60	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.4. Bleached and semibleached sulphate and soda	29	-	56	-	70	-	70	-	70	-	70	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
2. Other fibre pulp for making paper and paperboard, total:	6	-	6	-	6	-	6	-	16	-	16	-
2.1. Straw	4	-	4	-	4	-	4	-	4	-	4	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rag, etc.)	2	-	2	-	2	-	2	-	2	-	2	-
3. Dissolving pulp (wood and other fibre raw materials)	8	-	11	-	15	-	15	-	15	-	15	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

b) Excluding delibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

69 Country: TURKEY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	320	376	411	447	493	520
1.1. Newsprint	65	83	83	83	83	83
1.2. Other printing and writing paper, total:	60	71	85	91	126	153
1.2.1. Wood containing (b)	57	66	80	86	118	143
1.2.2. Wood free (c)	3	5	5	5	8	10
1.3. Other paper and paperboard, total: (a)	195	222	243	273	284	284
1.3.1. Household and sanitary paper	3	3	3	4	4	4
1.3.2. Fluting paper and paperboard	16	17	17	12	13	13
1.3.3. Kraft paper and paperboard, total:	66	80	86	88	89	89
1.3.3.1. Kraft liner	14	19	22	24	26	29
1.3.3.2. Sack kraft	43	40	38	35	32	28
1.3.3.3. Other kraft paper and paperboard	9	21	26	29	31	32
1.3.4. Folding boxboard, total:	20	23	23	35	35	35
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	20	23	23	35	35	35
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	90	99	114	134	143	143
1.3.5.1. Paper, n. e. s.	50	56	67	79	83	83
1.3.5.2. Paperboard, n. e. s. (a)	40	43	47	55	60	60

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.

PART 1 : PULP CAPACITY

70 Country: JAPAN

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry-----												
1. Wood pulp for making paper and paperboard, total: (b)	10,339	1,314	10,901	1,387	11,447	1,426	12,426	1,541	13,668	1,541	14,981	1,739
1.1. Mechanical (b)	1,558	45	1,641	45	1,715	45	1,723	45	1,731	45	1,739	157
of which : hardwood	140	13	148	13	154	13	155	13	156	13	157	157
1.2. Chemi-mechanical and semi-chemical	2,222	77	2,320	77	2,608	77	2,965	77	3,330	77	3,763	3,612
of which : hardwood	2,133	77	2,227	77	2,504	77	2,846	77	3,197	77	3,612	3,479
1.3. Chemical, total:	6,559	1,192	6,940	1,265	7,124	1,304	7,738	1,419	8,607	1,419	9,479	510
1.3.1. Unbleached sulphite	480	24	488	24	495	25	499	25	504	25	510	26
of which : hardwood	24	1	24	1	25	1	25	1	25	1	26	..
1.3.2. Bleached and semibleached sulphite	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	2,510	276	2,662	293	2,706	298	2,966	326	3,289	326	3,588	1,148
of which : hardwood	803	88	852	94	866	95	949	104	1,052	104	1,148	5,381
1.3.4. Bleached and semibleached sulphate and soda	3,569	892	3,790	948	3,923	981	4,273	1,068	4,814	1,068	5,381	4,628
of which : hardwood	3,069	767	3,259	815	3,374	844	3,675	919	4,140	919	4,628	6
2. Other fibre pulp for making paper and paperboard, total:	6	6	6	6	6	6	6	6	6	6	6	6
2.1. Straw	6	6	6	6	6	6	6	6	6	6	6	6
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	598	598	590	590	553	553	569	569	571	569	568	528
of which : hardwood	556	556	549	549	514	514	529	529	531	529	528	528

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Including defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	-----Rated Capacity in 1,000 tons per annum-----					
	1972	1973	1974	1975	1976	1977
Country: JAPAN						
1. Paper and Paperboard, total: (a)	15,818	16,800	17,326	17,947	18,983	20,264
1.1. Newsprint	2,131	2,251	2,423	2,595	2,769	2,942
1.2. Other printing and writing paper, total:	3,016	3,066	3,116	3,202	3,402	3,641
1.2.1. Wood containing (b)	982	991	1,000	1,044	1,054	1,129
1.2.2. Wood free (c)	2,034	2,075	2,116	2,158	2,348	2,512
1.3. Other paper and paperboard, total: (a)	10,671	11,483	11,787	12,150	12,812	13,681
1.3.1. Household and sanitary paper	781	832	848	864	881	970
1.3.2. Fluting paper and paperboard	1,599	1,737	1,771	1,807	1,961	2,080
1.3.3. Kraft paper and paperboard, total:	2,290	2,534	2,585	2,636	2,864	3,103
1.3.3.1. Kraft liner	1,405	1,631	1,664	1,697	1,830	1,998
1.3.3.2. Sack kraft	885	903	921	939	1,034	1,105
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding board, total:	1,304	1,374	1,401	1,429	1,458	1,487
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding board	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	4,697	5,006	5,182	5,414	5,648	6,041
1.3.5.1. Paper, n.e.s.	1,653	1,700	1,810	1,975	2,140	2,305
1.3.5.2. Paperboard, n.e.s. (a)	3,044	3,306	3,372	3,439	3,508	3,736

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.

FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

71 Country: CHINA, People's Rep. of (1)

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry-----												
1. Wood pulp for making paper and paperboard, total; (b)	1,670	..	1,800	..	1,900	..	2,020	..	2,130	..	2,230	..
1.1. Mechanical (b)	730	..	780	..	830	..	880	..	930	..	980	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3. Chemical, total; (c)	940	..	1,020	..	1,070	..	1,140	..	1,200	..	1,250	..
1.3.1. Unbleached sulphite	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.2. Bleached and semibleached sulphite	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.3. Unbleached sulphate and soda	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
2. Other fibre pulp for making paper and paperboard, total:	2,710	..	2,830	..	2,940	..	3,050	..	3,230	..	3,370	..
2.1. Straw	..	..	..	..	..	..	..	..	..	..	..	..
2.2. Bagasse	..	..	..	..	..	..	..	..	..	..	..	..
2.3. Bamboo	..	..	..	..	..	..	..	..	..	..	..	..
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	35	-	40	-	40	-	40	-	40	-	40	-
of which : hardwood	35	-	40	-	40	-	40	-	40	-	40	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.

c) Includes semi-chemical

1) Secretariat estimates.





FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

71 Country: CHINA, People's Rep. of, (1)

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	5,010	5,240	5,440	5,650	5,860	6,070
1.1. Newsprint	760	790	820	850	880	910
1.2. Other printing and writing paper, total	1,100	1,150	1,200	1,260	1,320	1,380
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	3,150	3,300	3,420	3,540	3,660	3,780
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	3,150	3,300	3,420	3,540	3,660	3,780
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.
 (1) Secretariat estimates



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

72 Country BANGLADESH

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	40	-	40	-	40	-	40	-	40	-	40	-
1.1. Mechanical (b)	30	-	30	-	30	-	30	-	30	-	30	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	10	-	10	-	10	-	10	-	10	-	10	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	---	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	---	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	50	..	50	..	50	..	50	..	50	..	50	..
2.1. Straw	..	..	..	..	..	..	..	..	..	..	..	..
2.2. Bagasse	20	..	20	..	20	..	20	..	20	..	20	..
2.3. Bamboo	30	..	30	..	30	..	30	..	30	..	30	..
2.4. Other (reeds, esparto, rags, etc.)	..	..	..	..	..	..	..	..	..	..	..	..
3. Dissolving pulp (wood and other fibre raw materials)	5	-	5	-	5	-	5	-	5	-	5	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

72

Country: BANGLADESH

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	118	118	118	118	118	118
1.1. Newsprint	45	45	45	45	45	45
1.2. Other printing and writing paper, total:	61	61	61	61	61	61
1.2.1. Wood containing (b)	10	10	10	10	10	10
1.2.2. Wood free (c)	51	51	51	51	51	51
1.3. Other paper and paperboard, total: (a)	12	12	12	12	12	12
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	12	12	12	12	12	12
1.3.5.1. Paper, n.e.s.	6	6	6	6	6	6
1.3.5.2. Paperboard, n.e.s. (a)	6	6	6	6	6	6

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART I : PULP CAPACITY

73 Country BURMA

	1972		1973		1974		1975		1976	1977
	Total capacity market pulp (a)	of which capacity market pulp (a)	Total capacity market pulp (a)	of which capacity market pulp (a)	Total capacity market pulp (a)	of which capacity market pulp (a)	Total capacity market pulp (a)	of which capacity market pulp (a)	Total capacity market pulp (a)	Total capacity market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----										
1. Wood pulp for making paper and paperboard, total (b)	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	12	-	12	-	12	-	12	-	43	52
2.1. Straw	-	-	-	-	-	-	-	-	3	4
2.2. Bagasse	-	-	-	-	-	-	-	-	23	30
2.3. Bamboo	12	-	12	-	12	-	12	-	17	18
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

73 Country: BURMA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	13	13	13	13	44	53
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	12	12	12	12	38	46
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	12	12	12	12	38	46
1.3. Other paper and paperboard, total: (a)	1	1	1	1	6	7
1.3.1. Household and sanitary paper	-	-	-	-	1	1
1.3.2. Fitting paper and paperboard	-	-	-	-	3	4
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding board, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding board	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	1	1	1	1	2	2
1.3.5.1. Paper, n. e. s.	1	1	1	1	2	2
1.3.5.2. Paperboard, n. e. s. (a)	-	-	-	-	-	-

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

74 Country INDIA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total (b)	215	..	255	..	295	..	345	..	375	..	405	..
1.1. Mechanical (b)	65	-	65	-	65	-	65	-	65	-	65	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	30	-	40	-	50	-	50	-	50	-	50	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3. Chemical, total:	120	..	150	..	180	..	230	..	260	..	290	..
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	120	..	150	..	180	..	230	..	260	..	290	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	..	..	..	..	..	..	..	..	..	..	..	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
2. Other fibre pulp for making paper and paperboard, total:	705	..	705	..	780	..	865	..	890	..	920	..
2.1. Straw	..	..	..	..	..	..	..	..	..	..	..	..
2.2. Bagasse	60	..	60	..	70	..	75	..	75	..	80	..
2.3. Bamboo	600	..	600	..	665	..	740	..	765	..	790	..
2.4. Other (reeds, esparto, rag, etc.)	45	-	45	-	45	-	50	-	50	-	50	-
3. Dissolving pulp (wood and other fibre raw materials)	80	..	120	..	120	..	150	..	150	..	150	..
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Including defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

74 Country: INDIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	1,080	1,130	1,265	1,430	1,480	1,530
1.1. Newsprint	70	70	150	200	200	200
1.2. Other printing and writing paper, total:	530	550	570	610	630	650
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	480	510	545	620	650	680
1.3.1. Household and sanitary paper	15	20	20	25	25	25
1.3.2. Fluting paper and paperboard	25	30	35	40	45	50
1.3.3. Kraft paper and paperboard, total:	190	200	210	220	225	230
1.3.3.1. Kraft liner	15	25	35	40	45	50
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	175	175	175	180	180	180
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	250	260	285	330	355	375
1.3.5.1. Paper, n. e. s.	30	35	40	50	55	60
1.3.5.2. Paperboard, n. e. s. (a)	220	225	245	280	300	315

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

75 Country: INDONESIA

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)	Total capacity market pulp (a)	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	2	-	2	-	2	-	2	-	2	-	2	-
1.1. Mechanical (b)	2	-	2	-	2	-	2	-	2	-	2	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	25	-	25	-	25	-	25	-	29	-	30	-
2.1. Straw	15	-	15	-	15	-	15	-	15	-	15	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	10	-	10	-	10	-	10	-	14	-	15	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

75 Country: INDONESIA

	1972	1973	1974	1975	1976	1977
1. Paper and Paperboard, total: (a)	26	27	27	32	33	33
1.1. Newsprint	5	5	5	5	5	5
1.2. Other printing and writing paper, total:	9	10	10	15	16	16
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	9	10	10	15	16	16
1.3. Other paper and paperboard, total: (a)	12	12	12	12	12	12
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fining paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	12	12	12	12	12	12
1.3.5.1. Paper, n. e. s.	8	8	8	8	8	8
1.3.5.2. Paperboard, n. e. s. (a)	4	4	4	4	4	4

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

76 Cambodia KHMER

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	6	6	6	6	6	6	6	6	6	6	6	6
2.1. Straw	5	5	5	5	5	5	5	5	5	5	5	5
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	1	1	1	1	1	1	1	1	1	1	1	1
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding delimitated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

76 Country: KHMER

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	5	5	5	5	5	5
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	3	3	3	3	3	3
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	3	3	3	3	3	3
1.3. Other paper and paperboard, total: (a)	2	2	2	2	2	2
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	2	2	2	2	2	2
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



PART 1 : PULP CAPACITY

77 Country: KOREA, DFR

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	15	-	15	-	15	-	15	-	43	-	52	-
1.1. Mechanical (b)	5	-	5	-	5	-	5	-	10	-	12	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	10	-	10	-	10	-	10	-	33	-	40	-
1.3.1. Unbleached sulphite	..	-	..	-	..	-	..	-	23	-	30	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.2. Bleached and semibleached sulphite	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.3. Unbleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.4. Bleached and semibleached sulphate and soda	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
2. Other fibre pulp for making paper and paperboard, total:	45	-	50	-	55	-	60	-	65	-	70	-
2.1. Straw	..	-	..	-	..	-	..	-	..	-	..	-
2.2. Bagasse	..	-	..	-	..	-	..	-	..	-	..	-
2.3. Bamboo	..	-	..	-	..	-	..	-	..	-	..	-
2.4. Other (reeds, esparto, rag, etc.)	..	-	..	-	..	-	..	-	..	-	..	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding delibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

77 Country: KOREA, DPR

	1972	1973	1974	1975	1976	1977
1. Paper and Paperboard, total: (a)	95	100	105	110	140	155
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:
1.2.1. Wood containing (b)
1.2.2. Wood free (c)
1.3. Other paper and paperboard, total: (a)
1.3.1. Household and sanitary paper
1.3.2. Fixing paper and paperboard
1.3.3. Kraft paper and paperboard, total:
1.3.3.1. Kraft liner
1.3.3.2. Sack kraft
1.3.3.3. Other kraft paper and paperboard
1.3.4. Folding boxboard, total:
1.3.4.1. Solid bleached board
1.3.4.2. Other folding boxboard
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)
1.3.5.1. Paper, n.e.s.
1.3.5.2. Paperboard, n.e.s. (a)

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1: PULP CAPACITY

78 Countries KOREA, Rep. of

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	90	-	111	-	118	-	120	-	120	-	120	-
1.1. Mechanical (b)	82	-	103	-	110	-	112	-	112	-	112	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	8	-	8	-	8	-	8	-	8	-	8	-
1.3.1. Unbleached sulphite	8	-	8	-	8	-	8	-	8	-	8	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	16	-	16	-	26	10	26	10	36	10	36	10
2.1. Straw	6	-	6	-	16	10	16	10	26	10	26	10
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.) (c)	10	-	10	-	10	-	10	-	10	-	10	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.

(c) Corn stalk



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

78 Country: KOREA, Rep. of

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	515	585	602	610	612	612
1.1. Newsprint	96	126	130	131	131	131
1.2. Other printing and writing paper, total:	116	148	157	161	161	161
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	303	311	315	318	320	320
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	85	85	85	88	90	90
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	85	85	85	88	90	90
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	218	226	230	230	230	230
1.3.5.1. Paper, n. e. s.	47	50	52	52	52	52
1.3.5.2. Paperboard, n. e. s. (a)	171	176	178	178	178	178

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

79 Country: MALAYSIA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	1	-	1	-	1	-	1	-	1	-	1	-
2.1. Straw	1	-	1	-	1	-	1	-	1	-	1	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, saparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

79

Country: MALAYSIA

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	14	14	14	14	14	14
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	1	1	1	1	1	1
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	1	1	1	1	1	1
1.3. Other paper and paperboard, total: (a)	13	13	13	13	13	13
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	13	13	13	13	13	13
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART I : PULP CAPACITY

80 Country: MONGOLIA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	2	-	2	-	2	-	2	-	2	-	2	-
2.1. Straw	..	-	..	-	..	-	..	-	..	-	..	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

80 Country: MONGOLIA

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	2	2	2	2	2	2
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total	..	..	..	..	..	..
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	..	..	..	..	..	..
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Filtering paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	..	..	..	..	..	..
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (c)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



PART 1 : PULP CAPACITY

81 Country: NEPAL

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)	Total capacity market pulp (a)	Total capacity pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	..	..	-	..	-	..	-	..	-	..	-	..
1.1. Mechanical (b)	..	..	-	..	-	..	-	..	-	..	-	..
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, totals	3	4	-	4	-	4	-	4	-	4	-	4
2.1. Straw	..	..	-	..	-	..	-	..	-	..	-	..
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	..	..	-	..	-	..	-	..	-	..	-	..
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding delimitated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

81 Country NEPAL

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	3	4	4	4	4	4
1.1. Newsprint	..	..	..	..	..	..
1.2. Other printing and writing paper, total:	..	..	..	..	..	..
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	..	..	..	..	..	..
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding board, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding board	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	..	..	..	..	..	..
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



PART 1 : PULP CAPACITY

82 Country PAKISTAN

	1972		1973		1974		1975		1976		1977	
	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)	Total capacity market pulp (a)	Total capacity (b)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
i. Wood pulp for making paper and paperboard, totals (b)	-	-	-	-	-	-	-	-	-	-	-	-
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	65	75	..	80	..	80	..	80	..	80	..	80
2.1. Straw	..	..	..	..	..	..	..	..	..	..	..	..
2.2. Bagasse	..	..	..	..	..	..	..	..	..	..	..	..
2.3. Bamboo	..	..	..	..	..	..	..	..	..	..	..	..
2.4. Other (reeds, esparto, rags, etc.)	..	..	..	..	..	..	..	..	..	..	..	..
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	Pakistan						
	1972	1973	1974	1975	1976	1977	
1. Paper and Paperboard, totals (a)	83	96	101	101	101	101	101
1.1. Newsprint	-	-	-	-	-	-	-
1.2. Other printing and writing paper, totals	27	33	36	36	36	36	36
1.2.1. Wood containing (b)	-	-	-	-	-	-	-
1.2.2. Wood free (c)	27	33	36	36	36	36	36
1.3. Other paper and paperboard, totals (a)	56	63	65	65	65	65	65
1.3.1. Household and sanitary paper	..	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, totals	..	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..	..
1.3.4. Folding board, totals	..	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..	..
1.3.4.2. Other folding board	..	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, totals (a)	56	63	65	65	65	65	65
1.3.5.1. Paper, n.e.s.	14	14	14	14	14	14	14
1.3.5.2. Paperboard, n.e.s. (a)	42	49	51	51	51	51	51

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

83 Country: PHILIPPINES

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	186	-	186	-	190	-	192	-	192	-	192	192
1.1. Mechanical (b)	140	-	140	-	140	-	140	-	140	-	140	140
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	..
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	46	-	46	-	50	-	52	-	52	-	52	52
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	27	-	27	-	27	-	27	-	27	-	27	27
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	..
1.3.4. Bleached and semibleached sulphate and soda	19	-	19	-	23	-	25	-	25	-	25	25
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	..
2. Other fibre pulp for making paper and paperboard, total:	21	..	53	..	119	..	119	..	119	..	119	119
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	18	..	45	..	45	..	45	..	45	..	45	45
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, rags, etc.) (c)	3	..	8	..	74	..	74	..	74	..	74	74
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board. (c) Abaca seeds.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

83 Country PHILIPPINES

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	313	419	447	459	459	459
1.1. Newsprint	70	80	81	81	81	81
1.2. Other printing and writing paper, total:	83	109	116	120	120	120
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	83	109	116	120	120	120
1.3. Other paper and paperboard, total: (a)	160	230	250	258	258	258
1.3.1. Household and sanitary paper	15	25	28	29	29	29
1.3.2. Fluting paper and paperboard	-	3	4	4	4	4
1.3.3. Kraft paper and paperboard, total:	122	174	188	195	195	195
1.3.3.1. Kraft liner	67	96	103	108	108	108
1.3.3.2. Sack kraft	20	40	47	49	49	49
1.3.3.3. Other kraft paper and paperboard	35	38	38	38	38	38
1.3.4. Folding boxboard, total:	4	8	10	10	10	10
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	4	8	10	10	10	10
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	19	20	20	20	20	20
1.3.5.1. Paper, n. e. s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n. e. s. (a)	19	20	20	20	20	20

- (a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	29	29	29	29	29	29
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	15	15	15	15	15	15
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	14	14	14	14	14	14
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding board, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding board	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	14	14	14	14	14	14
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

85 Country: SRI LANKA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	-	-	-	-	-	-	16	-	18	18	-	18
1.1. Mechanical (b)	-	-	-	-	-	-	6	-	7	7	-	7
of which : hardwood	-	-	-	-	-	-	..	-	..	..	-	..
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	10	-	11	11	-	11
of which : hardwood	-	-	-	-	-	-	..	-	..	..	-	..
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	14	-	27	-	29	-	29	-	29	29	-	29
2.1. Straw	14	-	27	-	29	-	29	-	29	29	-	29
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rag, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

85 Country: SRI LANKA

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum-----						
1. Paper and Paperboard, total: (a)	23	34	37	59	65	68
1.1. Newsprint	-	-	-	6	8	9
1.2. Other printing and writing paper, total:	11	22	25	26	26	26
1.2.1. Wood containing (b)	-	-	-	-	-	-
1.2.2. Wood free (c)	11	22	25	26	26	26
1.3. Other paper and paperboard, total: (a)	12	12	12	27	31	33
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	-	-	-	15	19	21
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	15	19	21
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	12	12	12	12	12	12
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	12	12	12	12	12	12
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	-	-	-	-	-
1.3.5.1. Paper, n.e.s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n.e.s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.



PART 1 : PULP CAPACITY

86 Country THAILAND

	1972		1973		1974		1975		1976		1977	
	Total capacity pulp (a)	of which market pulp (a)	Total capacity pulp (a)	of which market pulp (a)	Total capacity pulp (a)	of which market pulp (a)	Total capacity pulp (a)	of which market pulp (a)	Total capacity pulp (a)	of which market pulp (a)	Total capacity pulp (a)	Total capacity pulp (a)
1. Wood pulp for making paper and paperboard, total (b)	-	-	-	-	-	-	-	-	-	-	-	35
1.1. Mechanical (b)	-	-	-	-	-	-	-	-	-	-	-	35
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	32	-	30	-	30	-	30	-	30	-	30	30
2.1. Straw	10	-	10	-	10	-	10	-	10	-	10	10
2.2. Bagasse	20	-	20	-	20	-	20	-	20	-	20	20
2.3. Bamboo	2	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw material)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

-----Rated capacity in 1,000 metric tons per annum, air dry -----

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

86 Country: THAILAND

	1972	1973	1974	1975	1976	1977
-----Rated Capacity in 1,000 tons per annum -----						
1. Paper and Paperboard, total: (a)	159	159	161	161	161	203
1.1. Newsprint	-	-	-	-	-	42
1.2. Other printing and writing paper, total:	35	32	32	32	32	32
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	124	127	129	129	129	129
1.3.1. Household and sanitary paper	9	9	9	9	9	9
1.3.2. Printing paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	64	65	66	66	66	66
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	51	53	54	54	54	54
1.3.5.1. Paper, n.e.s.	17	17	17	17	17	17
1.3.5.2. Paperboard, n.e.s. (a)	34	36	37	37	37	37

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

87 Country VIET-NAM, Dem. Rep

	1972		1973		1974		1975		1976		1977	
	Total of which capacity market pulp (a)	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	Total capacity
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	..	-	..	-	..	-	..	-	..	-	..	-
1.1. Mechanical (b)	..	-	..	-	..	-	..	-	..	-	..	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, totals	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	3	-	3	-	3	-	3	-	3	-	3	-
2.1. Straw	..	-	..	-	..	-	..	-	..	-	..	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	..	-	..	-	..	-	..	-	..	-	..	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

87 Country: VIET-NAM, Dem. Rep.

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	12	12	12	12	12	12
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	..	..	..	..	..	..
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	..	..	..	..	..	..
1.3.1. Household and sanitary paper	-	-	-	-	-	-
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	-	-	-	-	-	-
1.3.3.1. Kraft liner	-	-	-	-	-	-
1.3.3.2. Sack kraft	-	-	-	-	-	-
1.3.3.3. Other kraft paper and paperboard	-	-	-	-	-	-
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	..	..	..	..	..	..
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

88 Countries VIET-NAM, Republic of

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, total: (b)	10	-	10	-	10	-	10	-	10	-	10	-
1.1. Mechanical (b)	10	-	10	-	10	-	10	-	10	-	10	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.2. Chemi-mechanical and semi-chemical	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	-	-	-	-	-	-	-	-	-	-	-	-
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
2. Other fibre pulp for making paper and paperboard, total:	15	-	15	-	15	-	15	-	15	-	15	-
2.1. Straw	..	-	..	-	..	-	..	-	..	-	..	-
2.2. Bagasse	15	-	15	-	15	-	15	-	15	-	15	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	..	-	..	-	..	-	..	-	..	-	..	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 2 : PAPER AND PAPERBOARD CAPACITY

88 Country: VIET-NAM, Republic of

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
1. Paper and Paperboard, total: (a)	50	50	50	50	50	50
1.1. Newsprint	-	-	-	-	-	-
1.2. Other printing and writing paper, total:	20	20	20	20	20	20
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	30	30	30	30	30	30
1.3.1. Household and sanitary paper	..	..	..	..	..	..
1.3.2. Printing paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding boxboard	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	30	30	30	30	30	30
1.3.5.1. Paper, n. e. s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n. e. s. (a)	..	..	..	..	..	..

- (a) Excluding fibre (building) board.
 (b) Containing 10 per cent or more mechanical woodpulp.
 (c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1 : PULP CAPACITY

89 Country: AUSTRALIA

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry-----												
1. Wood pulp for making paper and paperboard, total: (b)	628	14	644	15	681	20	694	20	727	20	731	20
1.1. Mechanical (b)	175	10	179	10	199	15	199	15	209	15	209	15
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.2. Chemi-mechanical and semi-chemical	278	-	286	-	297	-	305	-	328	-	332	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
1.3. Chemical, total:	175	4	179	5	185	5	190	5	190	5	190	5
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	71	4	71	5	71	5	71	5	61	5	61	5
of which : hardwood	..	..	..	..	..	..	..	..	..	..	..	..
1.3.4. Bleached and semibleached sulphate and soda	104	-	108	-	114	-	119	-	129	-	129	-
of which : hardwood	..	-	..	-	..	-	..	-	..	-	..	-
2. Other fibre pulp for making paper and paperboard, total:	3	-	3	-	3	-	3	-	3	-	3	-
2.1. Straw	3	-	3	-	3	-	3	-	3	-	3	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (seeds, esparto, ragg, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or shipped to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding deslivered or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum-----					
Country: AUSTRALIA						
1. Paper and Paperboard, total: (a)	1,149	1,206	1,255	1,308	1,367	1,394
1.1. Newsprint	208	208	208	208	208	208
1.2. Other printing and writing paper, total:	140	149	158	163	168	172
1.2.1. Wood containing (b)	..	..	..	..	..	..
1.2.2. Wood free (c)	..	..	..	..	..	..
1.3. Other paper and paperboard, total: (a)	806	849	889	937	991	1,014
1.3.1. Household and sanitary paper	76	76	79	82	85	88
1.3.2. Fluting paper and paperboard	..	..	..	..	..	..
1.3.3. Kraft paper and paperboard, total:	..	..	..	..	..	..
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding board, total:	..	..	..	..	..	..
1.3.4.1. Solid bleached board	..	..	..	..	..	..
1.3.4.2. Other folding board	..	..	..	..	..	..
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	730	773	810	855	906	926
1.3.5.1. Paper, n.e.s.	..	..	..	..	..	..
1.3.5.2. Paperboard, n.e.s. (a)	..	..	..	..	..	..

(a) Excluding fibre (building) board.
(b) Containing 10 per cent or more mechanical woodpulp.
(c) Containing less than 10 per cent mechanical woodpulp.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973

PART 1: PULP CAPACITY

Country: NEW ZEALAND

	1972		1973		1974		1975		1976		1977	
	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)	Total capacity	of which market pulp (a)
-----Rated capacity in 1,000 metric tons per annum, air dry -----												
1. Wood pulp for making paper and paperboard, totals (b)	594	65	931	290	1,038	395	1,240	465	1,240	465	1,240	1,240
1.1. Mechanical (b)	234	5	368	130	368	130	535	200	535	200	535	535
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.2. Chemi-mechanical and semi-chemical	11	-	11	-	11	-	21	-	21	-	21	21
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3. Chemical, total:	349	60	552	160	659	265	684	265	684	265	684	684
1.3.1. Unbleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.2. Bleached and semibleached sulphite	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.3. Unbleached sulphate and soda	248	5	380	75	421	115	421	115	421	115	421	421
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-
1.3.4. Bleached and semibleached sulphate and soda	101	55	172	85	238	150	263	150	263	150	263	263
of which : hardwood	12	-	12	-	12	-	12	-	12	-	12	-
2. Other fibre pulp for making paper and paperboard, total:	-	-	-	-	-	-	-	-	-	-	-	-
2.1. Straw	-	-	-	-	-	-	-	-	-	-	-	-
2.2. Bagasse	-	-	-	-	-	-	-	-	-	-	-	-
2.3. Bamboo	-	-	-	-	-	-	-	-	-	-	-	-
2.4. Other (reeds, esparto, rags, etc.)	-	-	-	-	-	-	-	-	-	-	-	-
3. Dissolving pulp (wood and other fibre raw materials)	-	-	-	-	-	-	-	-	-	-	-	-
of which : hardwood	-	-	-	-	-	-	-	-	-	-	-	-

(a) Market pulp is pulp for sale in the open market and does not include pulp used in own plant or ships to wholly owned or affiliated companies within the country. All pulp moving outside the producing country is considered to be market pulp.

(b) Excluding defibrated or exploded pulp for fibre (building) board.



FAO WORLD PULP AND PAPER CAPACITY SURVEY 1973
PART 2 : PAPER AND PAPERBOARD CAPACITY

90 Country: NEW ZEALAND

	1972	1973	1974	1975	1976	1977
	-----Rated Capacity in 1,000 tons per annum -----					
1. Paper and Paperboard, total: (a)	532	659	659	852	852	852
1.1. Newsprint	213	213	213	345	345	345
1.2. Other printing and writing paper, total:	55	55	55	55	55	55
1.2.1. Wood containing (b)	55	55	55	55	55	55
1.2.2. Wood free (c)	-	-	-	-	-	-
1.3. Other paper and paperboard, total: (a)	264	391	391	452	452	452
1.3.1. Household and sanitary paper	25	51	51	51	51	51
1.3.2. Fluting paper and paperboard	-	-	-	-	-	-
1.3.3. Kraft paper and paperboard, total:	239	340	340	401	401	401
1.3.3.1. Kraft liner	..	..	..	..	..	..
1.3.3.2. Sack kraft	..	..	..	..	..	..
1.3.3.3. Other kraft paper and paperboard	..	..	..	..	..	..
1.3.4. Folding boxboard, total:	-	-	-	-	-	-
1.3.4.1. Solid bleached board	-	-	-	-	-	-
1.3.4.2. Other folding boxboard	-	-	-	-	-	-
1.3.5. Other paper and paperboard, not elsewhere specified, total: (a)	-	-	-	-	-	-
1.3.5.1. Paper, n.e.s.	-	-	-	-	-	-
1.3.5.2. Paperboard, n.e.s. (a)	-	-	-	-	-	-

(a) Excluding fibre (building) board.

(b) Containing 10 per cent or more mechanical woodpulp.

(c) Containing less than 10 per cent mechanical woodpulp.